DAYTONA
STATE COLLEGE

2009 - 2010
COLLEGE CATALOG

2009 – 2010 Daytona State College Catalog Index

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Message from the President

One of the best ways to be prepared for uncertain economic times is to invest in your own personal human capital. Research proves that those with more education and advanced training are less likely to become unemployed and more likely to earn higher wages over the course of their lifetime. At Daytona State College, our mission is to provide you the kind of quality education and workforce training you need to reach your goals.

Daytona State's dedicated faculty and staff are committed to providing the personal attention and human touch that can ensure a rewarding college experience for you. Your success is how we measure our success, whether you are a recent high school graduate unsure of which career path to choose, a veteran employee seeking to upgrade your job skills, or a displaced worker in need of retraining for a new career. From the moment you walk through our doors, Daytona State's academic advising, counseling, financial aid, career services and student support staff is here to help make sure you get started on the right foot and stay on course.

Daytona State College students enjoy maximum flexibility. With six convenient locations in Volusia and Flagler counties, there's certain to be a campus within minutes of your home. Classes are conveniently scheduled during the day, evening and on weekends. Web-based courses and other distance learning technologies are also available. Our faculty are experts in their fields, and our facilities are second to none. This gives our students a competitive edge, whether they choose to enter the workforce after graduation or pursue advanced degrees at the university level.

As you take this step into higher education, remember that your success relies not only on how well you learn, but also on the relationships you build inside and outside the classroom. I encourage you to make the most of your Daytona State College experience. Develop your skills and knowledge, but also let us help you to be well-positioned for life after college. Allow yourself to be challenged. Know that you have our support. Learn to recognize new opportunities and to take charge of your future. We're here to help you every step of the way.

All the best,

D. Kent Sharples, President
Daytona State College

Academic Calendars

College Catalog - Academic Calendar -- Fall 2009

Fall Semester 2009	Fall FF (16 week)Term	Fall FS (15 week) Term	Fall A - FA (7 week) Term	Fall B - FB (7 week) Term	Adult Ed. Classes
Advanced Registration for Summer 2009/Fall 2009 Currently Enrolled and Returning Students	30-Mar	30-Mar	30-Mar	30-Mar	N/A
Registration (open)	2-Apr	2-Apr	2-Apr	2-Apr	N/A
Fall Planning (Faculty Professional Development)	8/19-8/21	8/19-8/21	8/19-8/21	8/19-8/21	8/19-8/21
Last day to submit proof of Florida residency	24-Aug	31-Aug	31-Aug	26-Oct	24-Aug
Labor Day Holiday	9/7	9/7	9/7	9/7	9/7
Fall Classes Begin	24-Aug	8/31	8/31	10/26	8/24
State Employee Registration	Aug 24-28	Aug 31- Sept 4	Aug 31- Sept 2	Oct 26-Oct 28	N/A
Last Day to Adjust Schedules/Last Day to Audit a Course/Refund Period Ends (Day Classes)	28-Aug	4-Sep	2-Sep	28-Oct	N/A
Last Day to Change "I" Grade awarded in preceding Spring, Summer A, Summer B	23-Oct	23-Oct	23-Oct	23-Oct	N/A
Last Day to Apply and Pay Fees for Graduation	2-Nov	2-Nov	2-Nov	2-Nov	N/A
Last Day to Withdraw from classes no grade penalty	13-Nov	6-Nov	7-Oct	30-Nov	N/A
Advising Week	Oct 26-30	Oct 26-30	Oct 26-30	Oct 26-30	Oct 26-30
Advance Registration for Spring 2010 (currently enrolled students based on priority)	2-Nov	2-Nov	2-Nov	2-Nov	N/A
Open Registration	5-Nov	5-Nov	5-Nov	5-Nov	N/A
Thanksgiving Holidays (Begins 5 p.m. Wed. 11/25)	Nov 26-28	Nov 26-28	Nov 26-28	Nov 26-28	Nov 26-28
Fall Classes End	18-Dec	18-Dec	23-Oct	18-Dec	18-Dec
Last Faculty Duty Day	18-Dec	18-Dec	23-Oct	18-Dec	18-Dec
Grades Due*	21-Dec	21-Dec	24-Oct	19-Dec	18-Dec
Holidays	Dec 19- Jan 3	Dec 19- Jan 3	N/A	Dec 19- Jan 3	Dec 19- Jan 3
Diplomas Mailed to Graduates	11-Jan	11-Jan	11-Jan	11-Jan	11-Jan
* Grades due by noon 48 hours after final exam (24 hrs for A/B terms)					

College Catalog - Academic Calendar -- Spring 2010

Spring Semesters 2010	Spring - PS (15 week) Term	Spring A - PA (7 week) Term	Spring B - PB (7 week) Term	Adult Ed.
Advance Registration for Spring 2010 (currently enrolled students based on priority)	2-Nov	2-Nov	2-Nov	2-Nov
Open Registration	5-Nov	5-Nov	5-Nov	5-Nov
College Open	4-Jan	4-Jan	4-Jan	4-Jan
Mini-Term Begins	4-Jan	4-Jan	4-Jan	N/A
Mini-Term Ends	15-Jan	15-Jan	15-Jan	N/A
Spring Planning	1/6 -1/8	1/6 -1/8	1/6 -1/8	1/6 -1/8
Martin Luther King Holiday	18-Jan	18-Jan	18-Jan	18-Jan
Spring Classes Begin	19-Jan	19-Jan	22-Mar	12-Jan
Last day to submit proof of FL residency	19-Jan	19-Jan	22-Mar	N/A
State Employee Registration	Jan 19-22	Jan 19-21	Mar 22-24	N/A
Last Day to Adjust Schedules/Last Day to Audit a Course /Refund Period Ends	25-Jan	21-Jan	24-Mar	N/A
Last Day to Apply and Pay Fees for Graduation	26-Mar	26-Mar	26-Mar	N/A
Last Day to Change "I" Grade awarded in Fall Semester	5-Mar	5-Mar	5-Mar	N/A
Last Day to Withdraw from classes	7-Apr	24-Feb	26-Apr	N/A
Spring Break	Mar 15-19	Mar 15-19	Mar 15-19	Mar 15-19
Advance Registration for Summer 2010/Fall 2010 (currently enrolled students based on priority)	29-Mar	29-Mar	29-Mar	N/A
Registration (open)	1-Apr	1-Apr	1-Apr	N/A
Awards Convocation	14-Apr	14-Apr	14-Apr	N/A
Spring Classes End	14-May	12-Mar	14-May	14-May
Last Faculty Duty Day	14-May	12-Mar	14-May	14-May
Grades Due*	17-May	13-Mar	15-May	14-May
Commencement	17-May	17-May	17-May	18-May
Diplomas Mailed to Graduates	1-Jun	1-Jun	1-Jun	N/A
*Grades due by noon 48 hours after final exam (24 hrs for A/B terms)				

College Catalog - Academic Calendar -- Summer 2010

Summer Semesters 2010	6 Week (A)	10 Week	6 Week (B)	Adult Education Classes
Advance Registration for Summer 2010/Fall 2010 (currently enrolled students based on priority)	29-Mar	29-Mar	29-Mar	TBA
Registration (open)	1-Apr	1-Apr	1-Apr	TBA
First Faculty Duty Day	19-May	19-May	6-Jul	19-May
Classes Begin	19-May	19-May	6-Jul	19-May
Last Day to Adjust schedules/Last Day to Audit/ Refund Period Ends	21-May	21-May	8-Jul	N/A
State Employee Registration	May 19-21	May 19-21	July 6-8	N/A
Memorial Day	31-May	31-May	31-May	31-May
Last Day to Withdraw	14-Jun	30-Jun	29-Jul	N/A
Last Day to Apply and pay fees for August Graduation	2-Jul	2-Jul	2-Jul	2-Jul
Independence Day	5-Jul	5-Jul	5-Jul	5-Jul
Classes End	30-Jun	29-Jul	16-Aug	16-Aug
Last Faculty Duty Day	30-Jun	29-Jul	16-Aug	16-Aug
Grades Due*	1-Jul	30-Jul	17-Aug	16-Aug
Diplomas Mailed to Graduates	27-Aug	27-Aug	27-Aug	27-Aug
*Grades due by noon 48 hours after final exam (24 hrs for 6 week terms)				

Academic Information

College Catalog - Adult Education

Daytona State provides several options for students who need to earn a high school diploma, improve their basic skills or prepare for college. Students must be 16 years of age or older and not currently enrolled in a public school system. The courses are offered during the day, afternoon and evening on campus and at various locations throughout the county. The courses are free of charge to qualified students. For more information regarding any of the programs call (386) 506-3059 or (386) 506-4471.

1. **Adult Basic Education (ABE)** classes are designed to prepare students for the academic requirements of the Adult High School, GED preparation classes and select certificate programs.

2. **English for Speakers of Other Languages (ESOL)** classes are available to qualified adults who wish to improve their English language skills to enter college and the workforce.

3. **General Educational Development (GED)** classes are offered to prepare students for the GED examination. Students are responsible for the purchase of textbooks for this program. For specific test information, please see Assessment Services.

4. **Daytona State High School** provides students the opportunity to earn a standard high school diploma. All Florida State Standards, including the Florida Comprehensive Achievement Test (FCAT), are required for high school completion. Students are responsible for the purchase of textbooks for this program.

5. **Citizenship** courses prepare students for the U.S. Naturalization test and are offered at limited times and locations throughout Volusia County.

6. **Adult Tutoring Services** are provided in partnership with the Volusia Literacy Council, Inc. Trained tutors work with adults on an individual and/or group basis to improve literacy skills.

7. **Adults with Disabilities Program** classes provide academic, employment and social skill development to adults with documented disabilities. Locations include the ARC, Conklin Center and United Cerebral Palsy of East Central Florida. For more information, call (386) 274-0169 or (386) 506-3881.

College Catalog - Apprenticeship Programs

Apprenticeship programs allow participants to learn while they earn. Motivated individuals have the opportunity to learn a trade as they work full-time under the supervision of skilled professionals of the trade. Apprentices attend related classroom training. Each apprentice receives a prescribed period of on-the-job training to learn applied skills while taking related academic classes. Apprenticeship programs vary in length depending on program of interest.

Daytona State provides instruction under the direction of industry apprenticeship committees which sponsor the programs. Students, who complete a program successfully, are awarded certificates. These programs are registered with the Apprenticeship Office of Workforce Education, Florida Department of Education.

Daytona State currently is associated with the Volusia County Child Care Apprenticeship Committee, GNJ; Mid-Florida Electrical Non-union Apprenticeship Committee, GNJ; Don Morgan Electrical Union Apprenticeship Academy/Committee, JATC; Daytona Beach Plumbers and Pipe fitters Local Union #295 Apprenticeship Committee.

College Catalog - Assessment and Placement

Please note that assessment is mandatory for first-semester students.

All students entering Daytona State must take the Florida College Placement Test (CPT) or submit a state of Florida college ready diploma or acceptable Advanced Placement, SAT or ACT scores that exempt them from the college preparatory program or they must submit college transcripts that show the completion of Freshman English I or Intermediate Algebra.

Students who score below the minimum scores on one or more of the three sections of the CPT must complete college preparatory requirements prior to enrolling in college-level courses. Students have the following options at Daytona State:

- Complete Daytona State College Preparatory courses (ENC 0001/L, REA 0001/L, MAT 0002/L, MAT 0024/L) as placed by the assessment instrument. Students who place into the College Prep program for mathematics must complete Intermediate Algebra (MAT1033). Students who place into any combination of two college preparatory courses must complete Dynamics of Student Success (SLS1122). MAT 1033 and SLS 1122 are college credit courses; however, MAT 1033 can only be used as elective credit toward the AA degree. Upon the successful completion of the College Prep program, students may enroll in college level courses for which the co-requisites or pre-requisites are met.

- The Academic Support Center offers Vocational Preparatory Instruction (VPI) for the TABE exam for those students who have not met the basic entry / exit level test requirements.

- Improve scores on the CPT by enrolling in courses offered by the Daytona State Adult Education Program. Students exercising this option must retake and pass the appropriate sections of CPT prior to enrolling in college level courses.

- Another option is to utilize the services of a private company to achieve higher scores on the CPT. Daytona State can provide a list of private companies, who have requested to be included on the list of such providers, including information on how to contact these companies. Students exercising this option must retake and pass the appropriate sections of the CPT prior to enrolling in college level courses. The list of providers is available from a counselor or advisor. (Companies on the list of private providers are not affiliated with Daytona State in any way, and Daytona State does not endorse or warrant their services. Daytona State assumes no responsibility related to the operations of these providers, and specifically disclaims any and all liabilities resulting from or arising out of or in connection with students' use of their products and services.)

Course Requirements - Based on students' college placement scores and the option they select to fulfill college preparatory requirements, they may enroll in one or more of the following college preparatory courses in reading, writing, math and student success:

		College Prep Credits
Reading		
REA 0001/L	Reading I and Lab	4
Writing		
ENC 0001/L	Writing I and Lab	4
Mathematics		
MAT 0002/L	Math I (Pre-Algebra) and Lab	4
MAT 0024/L	Math II (Elementary Algebra) and Lab	4
		College Transfer Credits
Intermediate Algebra		
MAT 1033	Intermediate Algebra	4
Student Sucess		
SLS 1122	Dynamics of Student Sucess	3

Students who place into the college prep program and who elect to enroll in Daytona State college preparatory courses will be provided a program of study by a counselor or advisor using the following guidelines:

- Reading, writing and math courses require weekly attendance at the Learning Center in addition to regular class sessions.
- Students must continue to enroll in the college prep courses until they complete the program and pass the College Prep Exit Exam.

College Catalog - Assessment of Prior Learning Experience (APLE)

Daytona State recognizes that students come to the institution from a variety of backgrounds. We value the training and knowledge you may have gained through experience. The Assessment of Prior Learning Experience (APLE) program, which includes APLE exams and portfolios is designed to allow you to turn your skills and knowledge into college credit. Credit earned through the APLE program can only be awarded in courses offered at Daytona State. Credit will not be awarded for courses in which you have already received credit.

To earn credit through the APLE program you must meet the following requirements:

- Be currently enrolled in a degree or certificate program at Daytona State and credit earned must be appropriately related to your degree or certificate program.

- Complete registration materials and pay all fees.

- Document learning of achievement of all outcomes of a specific course.

College Catalog - Associate of Arts: Psychology Areas of Specialization Certification

Daytona State College offers students who have declared Psychology as their major program code the opportunity to specialize in one of four different applied areas. These students can receive specialization certification in Marriage & Family (Relational) Psychology, Experimental & Research Psychology, Clinical & Counseling Psychology, and Developmental Psychology. Specialized certification in Psychology will better prepare students for transfer into baccalaureate programs, and should be considered by all students who plan to major in Psychology at the baccalaureate level. Students who want to receive a specialization certification must complete nine semester hours of specific coursework in Psychology after successful completion of Introduction to Psychology (PSY1012). Students who are interested in a Psychology specialization should meet with an academic advisor early in their tenure at Daytona State College to establish an academic plan that will ensure that all program requirements will be met. For more information on this program, students may also contact the department chair, Dr. Job Clement, at (386) 506-3403, or the department assistant chair, Dr. Ron Morrison, at (386) 506-3918.

College Catalog - Associate of Arts Transfer Degree Program

Daytona State College's AA degree transfer program is as easy as 2+2. Two years at Daytona State followed by two years in Daytona State's Bachelor of Applied Science degree or Bachelor of Science in Education degree program, or two years at a college or university that is part of our University Center or located elsewhere. You spend your first two years at Daytona State taking the same courses you would take if you were a freshman or sophomore at a four-year institution. That means you plan your program of study around the major or career you want to pursue and the four-year institution you plan to attend. You graduate with your AA degree from Daytona State, transfer to the four-year program and earn your bachelor's degree. This is exemplified by our Athletic Training Education Program.

Daytona State students perform better in the same courses as four-year college or university freshmen and sophomores. They have been doing so consistently for years. More than 90 percent of our AA degree graduates transfer to state four-year institutions. Our graduates usually earn better grades than their friends who started at the four-year schools.

Our courses are designed to meet standard four-year institution requirements; however, you should know the requirements of the four-year college or university you plan to attend. Different majors require a specific course of study during the first two years of college.

Colleges and universities periodically change their requirements for a major. Information about majors and the Florida colleges and universities that offer them are available in the Career Planning Center.

College Catalog - Associate of Applied Science and Associate of Science Degree Programs

The two-year AAS and AS degree programs prepare students for careers which require specialized college-level training. The programs are tailored for immediate entry into business, health, human services, engineering technology, nursing, computer science, technical and public services careers. All AAS and AS degree programs can transfer into Daytona State's Bachelor of Applied Science degree program.

College Catalog - Athletic Training Education Program (ATEP)

Daytona State College offers a unique opportunity for students to prepare to successfully transfer into an accredited athletic training program at a four-year college or university. Students may complete their first two years of prerequisite courses at Daytona State while gaining valuable experience under the direct supervision of NATABOC-certified athletic trainers (ATC's). Athletic training students work with Daytona State's Division I sports program at both practices and intercollegiate competitions to assist in providing care for athletic injuries.

More information can be found on the ATEP website at http://www.daytonastate.edu/athletic_training/index.html. Follow the links to Health/Wellness Academics. You may also contact Kim Csabi, ATC, Director of Sports Medicine, at 386-506-3989.

College Catalog - Bachelor of Applied Science Degree

The Bachelor of Applied Science in Supervision and Management program prepares individuals who already have skills in specific occupational/technical areas for supervisory and management roles and positions. Associate degree programs have prepared these individuals to enter the job market at entry-level or mid-level positions. Upper-level coursework in the BAS in Supervision and Management program broadens their knowledge in applied management practices and prepares them for supervisory and management opportunities within their occupational/technical fields. Those with associate degrees are eligible to apply for admission to Daytona State's BAS in Supervision and Management program. For more information. please see the section on the Bachelor of Applied Science in Supervision and Management program in the catalog, visit the Web site at http://www.daytonastate.edu/sbs, call (386)506-4BAS, or email BASinfo@daytonastate.edu.

College Catalog - College Level Academic Skills (CLAS) Requirements

All Florida state and community college students seeking an Associate of Arts or a Bahelor's degree must satisfy the following degree requirements as established by the Board of Education. You are required to complete 60 hours of transferable college level credit to receive an AA degree. Florida State Board of Education Administrative Rule 6A-10.024 (3a) requires 36 semester hours of general education courses, excluding college prep courses. The remaining 24 credit hours are elective credits. Graduates must also meet the requirements of the Gordon Rule, a state mandated foreign language requirement, and demonstrate the level of attainment of college-level academic skills (CLAS) in communication and computation as listed in Rule 6A-10.0316. This is also known as the CLAS requirement. You also must meet the Daytona State College residency requirements and have a cumulative 2.0 GPA and a Daytona State 2.0 GPA. (See Graduation Requirements and Procedures.)

Foreign Language Requirements

Completion of two years of the same foreign language in high school or eight college semester credits of the same foreign language or in American Sign at the level of ASL 2140/2140L or above. Foreign and sign language courses satisfy elective credits toward the AA degree.

Attainment of College-Level Academic Skills (CLAS Requirement)

Students are considered to have demonstrated the attainment of college-level academic skills in communication and computation prior to or after the completion of required courses as stated in Rule 6A-10.0316 as follows:

a) **College-Level Communication:** Earn a 2.5 grade point average in two (2) courses for a minimum of six (6) semester hours of credit from: ENC1101, ENC1102 or other equivalent college level English course (course prefixes AML, ENC, ENG, ENL, CRW and LIT); or have a CPT score of 93 on the Reading and 105 on the Writing; a SAT score of 500 on the verbal or an ACT score of 22 on the reading and 21 on the English. (Exemption via waiver for students with a prior documented specific learning disability is possible.)

b) **College-Level Computation:** Earn a 2.5 grade point average in two (2) courses for a minimum of six (6) semester hours of credit from: MAC 1105 or any other MAC course with the last three digits higher than 105; MGF 2106, 2107, or STA 2023; or have a CPT score of 91 on the Elementary Algebra, a SAT score of 500 on the math or an ACT score of 21 on the math. (Exemption via waiver for students with a prior documented specific learning disability is possible.)

Residency

Complete at least 25 percent of the degree requirement credits in residence at Daytona State College

Graduation Application

Submit an application for graduation and pay appropriate graduation fees. The fee will entitle the graduate to a diploma, if qualified, and to participate in the commencement ceremonies. Daytona State reserves the right to certify students as completers once they have completed all requirements for the degree or certificate, regardless if they have completed an application for graduation. Students who do not complete the graduation application process will not receive a diploma or have the degree or certificate earned statement on their official transcript. Completers are no longer eligible to receive student financial assistance.

Students not meeting graduation requirements for the term/semester for which they applied must reapply and pay the graduation fee for the new term/ semester for which they are applying.

Fulfill all financial and other obligations to the College before receiving their degree or certificate.

College Catalog - College Preparatory Program

The College Preparatory Program at Daytona State helps students develop the skills essential for academic success. The curriculum emphasizes reading, communicating and learning through writing, basic mathematical concepts and effective life and study skills. The College Preparatory Program consists of non-college credit courses in reading, writing and mathematics and two college credit courses, Intermediate Algebra and Dynamics of Student Success, both of which can be used toward the A.A. degree.

For students, whose first language is not English, Daytona State offers college preparatory courses through its ESOL program in the Department of Adult Education.

College Catalog - College Your Way

Daytona State offers a variety of courses that provide flexible delivery methods and formats, and convenient meeting times. These non-traditional approaches to traditional education are designed for individuals with busy lives. Students can choose more convenient schedules such as those offered by the seven-week courses, Half and Half classes, Florida Online at Daytona State College, Web-Enhanced, and Weekend College courses.

Seven-week Courses

Daytona State's seven-week courses are designed for students who want to earn their degrees as quickly as possible. These courses are the same college credit courses that are offered during our traditional 15 week semesters, only they are condensed into seven weeks. Course start dates vary. Click here to search for these courses and select Subsession A or B.

On-line (Totally)

Courses that are delivered 100% online. Students access the course through the Internet via Daytona State's learning management system. Students are charged an additional fee of $25 per credit hour. For course access and computer requirements, go to http://online.daytonastate.edu. To search for On-Line (Totally) courses select On-Line (Totally) for Instructional Method, and please read "View Comments".

On-Line (Partially)

Courses that have some seat time and some online delivery. Seat time may vary from 25% to 75% of the hours needed to complete the course The remaining hours devoted to the course are delivered through the Internet via Daytona State's learning management system. Depending on the percentage of online activity, students are charged an additional free ranging from a flat rate of $15 per course to $25 per credit hour. For course access and computer requirements, go to http://online.daytonastate.edu. To search for On-Line (Partially) courses select On-Line for Instructional Method, and please read "View Comments".

Other Technology

Your instructor will explain what the requirements for these courses are.

College Catalog - Continuous Enrollment Requirement for Graduation

Students typically follow the degree requirements as listed in the catalog for the year in which they began enrollment as a degree seeking student. If a student misses two or more consecutive major semesters (fall or spring) a student must be readmitted to the college and their catalog year will be updated for advising purposes. However, students may use the graduation requirements in effect the year they entered the college as a degree seeking student, or any year in which they were enrolled if the requirements have changed.

College Catalog - Cooperative Education/Internships

Cooperative Education/Internships experience empowers students to develop, evaluate and effectively initiate their own career paths and direction leading to meaningful employment. The whole premise of co-op/internships is to give students hands-on experience in their chosen field. This experience will be a valuable asset, not only during a student's studies at Daytona State , but also after graduation. Students must be admitted to an AAS, AS or certificate program. The staff works collaboratively with academic and technical faculty to help students get field placement related to their majors. Whether you are paid or unpaid is left to the discretion of the employer.

Co-op and internships will give you a competitive edge when applying for employment. Many of the co-op jobs are posted on the on-line job listing through the College Placement Center.

For additional information, contact the respective Chairperson of the Department.

College Catalog - Florida Online at Daytona State College

Through Florida Online, students may obtain degrees/certificates with limited or no visitation to campus. Currently, students may obtain an AA or BAS degree online. Students may also work toward many AS degree options. To take online courses, a computer with Internet access is needed. The student should have basic computer skills and the ability to use e-mail, copy, paste, save and upload files.

On-Line (Totally) courses are conducted via the Internet, with instructor contact made through e-mail, discussion boards, chat rooms, phone and voice-mail. Students taking online courses will be required to pay an additional fee of $25 per credit hour. To search for Online (Totally) courses, when on the Search for Courses webpage, select "On-Line (Totally)" for Instructional Method, and read "View Comments". For course access and computer requirements, go to http://online.daytonastate.edu.

Florida Online at Daytona State also offers courses that are web-enhanced (partially online). These are courses that meet partially online and on campus. Time on campus may vary from 25 percent to 75 percent of the hours needed to complete the course. Depending on the percentage of online activity, students are charged an additional free ranging from a flat rate of $15 per course to $25 per credit hour. To search for On-Line (Partially) courses, when on the Search for Courses webpage, select "On-Line (Partially)" for Instructional Method, and read "View Comments".

For more information, we are located in Building 210 on the Daytona Beach Campus or visit us online at http://online.daytonastate.edu.

College Catalog - General Education Mission Statement

General education at Daytona State College constitutes the academic preparation for participation in a pluralistic society and global community and is the basis for lifelong learning. It is a framework for the acquisition and use of broad bodies of knowledge and a foundation of intellectual, social and ethical skills and behaviors. Through the general education curriculum, students will:

- acquire basic understandings of the humanities and cultural arts; mathematics; the social, behavioral and natural sciences; and an appreciation of their interrelatedness;
- develop computer literacy and the ability to access, evaluate and manipulate data electronically;
- develop effective written and oral communication skills;
- develop mathematical understandings and computational skills;
- develop evaluative and problem-solving skills to make informed judgments in a variety of contexts.

General education requirements comprise an important part of the hours necessary for the associate of arts, associate of applied science and associate of science degrees.

Daytona State College considers the knowledge, skills and attitudes cultivated by the general education curriculum vital for educated men and women in our society.

College Catalog - General Education Requirements for Associate of Applied Science and Associate of Science Degrees

A minimum of 15 credits in specific general education courses is required to complete the AAS and AS degree. The 15 credits include at least one course from each of the following general education core areas: humanities, cultural & aesthetics; behavioral & social sciences; and sciences/mathematics. The Gordon Rule requirements apply. Appropriate competencies in oral communications and/or basic use of computers have been included in program specific courses for those programs not offering courses in these areas.

Complete program descriptions and requirements are listed in this catalog. For information about the AAS or AS degree or certificate programs, contact an academic advisor, the department chairperson or the specific division's dean.

College Catalog - General Education Requirements for Associate of Arts Degree

You are required to complete 60 hours of transferable college level credit to receive an AA degree. Florida State Board of Education Administrative Rule 6A-10.024 (3a) requires 36 semester hours of general education courses, excluding college prep courses. The remaining 24 credit hours are elective credits. Graduates must also meet the requirements of the Gordon Rule, a state mandated foreign language requirement, and demonstrate the level of attainment of college-level skills (CLAS) in communication and computation as listed in Rule 6A-10.0316. This is also known as the CLAS requirement. You also must meet the Daytona State College residency requirements and have a cumulative 2.0 GPA and a Daytona State 2.0 GPA. (See Graduation Requirements and Procedures.)

Foreign Language Requirements

Completion of two years of the same foreign language in high school or eight college semester credits of the same foreign language or in American Sign at the level of ASL 2140/2140L or above. Foreign and sign language courses satisfy elective credits toward the AA degree.

Attainment of College-Level Academic Skills (CLAS Requirement)

Students are considered to have demonstrated the attainment of college-level academic skills in communication and computation prior to or after the completion of required courses as stated in Rule 6A-10.0316 as follows:

a) **College-Level Communication:** Earn a 2.5 grade point average in two (2) courses for a minimum of six (6) semester hours of credit from: ENC 1101, ENC 1102 or equivalent college level English course (course prefixes AML, ENC, ENG, ENL, CRW and LIT); or have a CPT score of 93 on the Reading and 105 on the Writing; a SAT score of 500 on the verbal or an ACT score of 22 on the reading and 21 on the English. (Exemption via waiver for students with a prior documented specific learning disability is possible.)

b) **College-Level Computation:** Earn a 2.5 grade point average in two (2) courses for a minimum of six (6) semester hours of credit from: MAC 1105 or any other MAC course with the last three digits higher than 105; MGF 2106, 2107, or STA 2023; or have a CPT score of 91 on the Elementary Algebra, a SAT score of 500 on the math or an ACT score of 21 on the math. (Exemption via waiver for students with a prior documented specific learning disability is possible.)

Gordon Rule

Florida State Board of Education Rule 6A-10.030, commonly referred to as "The Gordon Rule," requires students to complete six (6) semeste hours of English coursework in which the student is required to demonstrate college-level writing skills through multiple assignments and to complete six (6) semester hours of mathematics coursework at the level of college algebra or higher. Each course used to satisfy this rule mus be completed with a grade of C or higher.

Courses that satisfy the Gordon Rule are part of the General Education Core and are denoted with an *.

Prior to enrollment in college level English or math courses, some students may be required to complete college preparatory course work.

General Education Core

The state mandated 36 hours of general education are distributed in the following areas:

Communications (English)	9 (Credits)
Mathematics	6
Sciences (Biological & Physical)	6
Humanities, Cultural & Aesthetic	3
Behavioral & Social Sciences	3
Health & Wellness	3
Political, Economic & Business	3
Historical & Global	3
TOTAL GENERAL EDUCATION	**36 credits**

Elective Core

The remaining 24 credit hours are elective and must be selected from the list of College Transfer Elective Courses. However, it is recommended that you know the requirements of the senior university you plan to attend and that you work with your faculty advisor or an academic advisor to select electives to fulfill the prerequisites for your major.

TOTAL ELECTIVE CREDITS	**24 credits**
TOTAL CREDIT HOURS FOR THE AA DEGREE	**60 credits**

GENERAL EDUCATION CORE COURSE SELECTION LISTINGS

36 Total Hours Required

Credit hours for each class are listed in parentheses after the course title.

Courses marked with an * are Gordon Rule courses and require a "C" or better.

COMMUNICATIONS CORE (English)
Nine credit hours required - Must have at least a "C" in all courses. College preparatory courses (which do not fulfill core requirements) may be required.
* ENC 1101 College Composition (3) (Required)
* ENC 1102 Literature and Composition (3) (Required) OR
* ENC 1122 Honors Composition (3) (Required)
* SPC 2608 Oral Communications/Research/Presentation Skills (3) OR
* RTV 2300 Broadcast Research/Newswriting/Presentation Skills (3)

MATHEMATICS CORE
Six credit hours required - Choose two courses. Must have at least a "C" on all mathematics courses. College preparatory or prerequisite courses which do not fulfill core requirements may be required.
* MAC 1105 College Algebra (3)
* MAC 1114 College Trigonometry (3)
* MAC 1140 Pre-Calculus Algebra (3)
* MAC 2233 Calculus for Business and Nonphysical Sciences I (3)
* MAC 2311/2311L Calculus I and Lab (4)
* MAC 2312/2312L Calculus II and Lab (4)
* MAC 2313/2313L Calculus III and Lab (4)
* MAP 2302/ 2302L Differential Equations and Lab (3)
* MGF 2106 College Mathematics (3)
* MGF 2107 Mathematics for Liberal Arts (3)
* STA 2023 Elementary Statistics (3)

SCIENCES CORE
Six credit hours required: three credits from biological sciences and three credits from physical sciences. ALL science courses require ENC 1101 as a prerequisite or corequisite.

Biological Sciences
BOT 1010/1010L General Botany and Lab (4)
BSC 1005 Survey of Biological Science (For Non-Science Majors) (3)
BSC 1010/1010L General Biology I (For Science Majors) and Lab (4)
BSC 1020 Human Biology (3)
BSC 2930 Biological Themes in Film (3)
OCB 2000/2000L Introduction to Marine Biology and Lab (4)
or both
BSC 1085/1085L Human Anatomy & Physiology I and Lab (4)
and
BSC 1086/1086L Human Anatomy & Physiology II and Lab (4)
Students who choose the BSC 1085 /1086 option to fulfill the biological science core requirements can use remaining credits to fulfill elective hours as appropriate. Both courses must be successfully completed to satisfy the biological sciences core requirements.

Physical Sciences
All of the following courses require MAT 1033 or higher as a prerequisite or corequisite.
AST 1002 Astronomy (3)
CHM 1025/1025L Introduction to Chemistry (4)
CHM 1045/1045L General College Chemistry I and Lab (4)
*GLY 2010/2010L Physical Geology and Lab (4)
MET 2010 Meteorology (3)
OCE 1001 Introduction to Oceanography (3)
PHY 1053/1053L General Physics I and Lab (4)
PHY 2048/2048L Physics with Calculus I and Lab (5)
PSC 1121 Physical Science (3)
The requirement of MAT1033 is not applicable to this course.
Note: For those students selecting a four hour science course, three hours are applied to the general education core area and one is applied to the appropriate elective hour.

HUMANITIES, CULTURAL & AESTHETIC CORE
Three credit hours required - Choose one course. Must have at least a "C" in all courses.
The following courses require College Composition (ENC 1101) as a prerequisite.

* AML 2050 Modern American Literature
* AML 2060 Contemporary American Literature
* AML 2600 Introduction to African American Literature
* ENL 2931 Selected Topics in Shakespeare
* LIT 2110 Masterpieces of World Literature I
* LIT 2030 Understanding Poetry
* LIT 2040 Dramatic Literature
* LIT 2120 Masterpieces of World Literature II
* LIT 2380 Literature by Women
* LIT 2602 Literature of the Sea
The following courses require College Composition (ENC 1101) as a prerequisite or corequisite.
* ARH 1000 Art Appreciation (3)
* DAN 1100 Dance Appreciation (3)
* HUM 2210 Prehistory to Medieval Humanities (3)
* HUM 2230 Renaissance to Postmodern Humanities (3)
* MUH 2051 Introduction to the Music of the World's Peoples (3)
* MUL 1010 Music Appreciation (3)
* MUL 2380 Popular Music in America (3)
* THE 1000 Dramatic Appreciation (3)

BEHAVIORAL & HUMAN (SOCIAL) SCIENCES CORE
Three credit hours required - Choose one course. Must have at least a "C" in all courses. All courses require College Composition (ENC 1101 as prerequisite or corequisite. See course descriptions.
* DEP 2004 Developmental Psychology (3)
* PSY 1012 General Psychology (3)
* SYG 2000 Introduction to Sociology (3)

HEALTH & WELLNESS CORE
Three Credit hours required - Choose one course.
* CLP 2001 Psychology of Adjustment (3)
HLP 1081 Fitness Assessment and Improvement (3)
HSC 2400 First Aid, Responding to Emergencies (3)
HUN 1201 Human Nutrition (3)
PET 2084 Personal Health and Wellness (3)
SLS 1122 Dynamics of Student Success (3)
CLP 2001 requires College Composition (ENC 1101) as a prerequisite or corequisite.

POLITICAL, ECONOMIC & BUSINESS CORE
Three credit hours required - Choose one course. Must have at least a "C" in all courses. All courses require College Composition (ENC 1101 as prerequisite or corequisite. See course descriptions.
* CPO 2001 Comparative Government (3)
* ECO 2013 Principles of Macro Economics (3)
* ECO 2023 Principles of Micro Economics (3)
* GEB 2430 Business Ethics (3)
* INR 2002 International Relations (3)
* ISS 1120 American Political & Economic Issues (3)
* PLA 2880 Constitutional Law (3)
* POS 2112 State and Local Government (3)
* POS 2041 American Federal Government (3)

HISTORICAL & GLOBAL CORE
Three credit hours required - Choose one course. Must have at least a "C" in all courses. All courses require College Composition (ENC 1101 as prerequisite or corequisite. See course descriptions.
* AMH 2010 United States History to 1877 (3)
* AMH 2020 United States History 1865 to Present (3)
* AMH 2042 American Social History 1860 to Present (3)
* AMH 2045 American Maritime History (3)
* AHM 2059 The Vietnam War (3)
* AMH 2091 Survey of African American History (3)
* EUH 2000 History of Western Civilization to 1648 (3)
* EUH 2001 History of Western Civilization 1648 to Present (3)
* GEO 2000 World Geography (3)
* GEO 2420 Cultural Geography (3)
* PHI 2001 Introduction to Philosophy I (3)
* PHI 2600 Introduction to Ethics (3)
* REL 2300 World Religion (3)
* WOH 2012 World History I (3)

* WOH 2022 World History II (3)

Associate of Arts - Transfer Advising Track Codes
0100 Undecided

7150 Liberal Arts

7200 Behavioral and Human Sciences -General
7210 Psychology
7211 Marriage and Family (Relational)
7212 Experimental/Research
7213 Clinical/Counseling
7214 Developmental Psychology
7215 Sociology

7220 Education - Transfer, General
7221 Elementary Education
7222 Exceptional Education
7223 Secondary Math Education
7224 Secondary Biology Education
7227 Secondary Earth/Space Science Education

7300 Economics and Business - General
  Accounting
  Economics
  Finance
  General Business
  Management
  Marketing

7400 Communications - General
7405 Advertising/Public Relations
7410 English
7415 Foreign Languages
7420 Journalism
7425 Television / Radio Broadcasting

7500 Historical, Political and Global - General
7505 Geography
7510 History
7515 International Relations
7520 Political Science
7525 Pre-Law

7600 Humanities & Arts - General
7605 Performing Arts
  Acting/Theatre
  Dance
  Music
7610 Art
  Fine Arts
7615 Philosophy
7620 Photography
7625 Religion

7700 Mathematics and Technology - General
7705 Architecture (Pre-)
7710 Computer Science
7715 Digital Media
  Animation
7720 Engineering
7725 Library and Information Science
7730 Math/Statistics

7800 Public Service - General

7805 Criminal Justice
   Criminology
7810 Legal Studies
7815 Social Work

7900 Science - General
7905 Agriculture
7910 Astronomy
7915 Athletic Training/Sports Medicine
7920 Biology
   Botany
   Marine Biology
   Microbiology
   Zoology
7925 Chemistry
7930 Dietetics/Nutrition
7935 Environmental Science and Public Policy
7940 Forestry and Conservation
7945 Forensic Science
7950 Meteorology
7955 Pre-Bachelors of Science Nursing (BSN)
7960 Pharmacy (Pre-)
7965 Pre-Professional
   Chiropractic (Pre-)
   Dentist (Pre-)
   Medicine (Pre-)
   Physical Therapy (Pre-)
   Veterinarian (Pre-)
7970 Radiology (Pre-)

It is recommended that you know the requirements of the senior university you plan to attend and that you work with your faculty advisor or an academic advisor to select electives to fulfill the prerequisites for your major.

BEHAVIORAL & HUMAN SCIENCES

ANT 2000 Introduction to Anthropology (3)
CLP 2001 Psychology of Adjustment (3)
CLP 2140 Abnormal Psychology (3)
DEP 2001 Infant and Child Psychology (3)
DEP 2004 Developmental Psychology (3)
DEP 2402 Psychology of Adulthood and Aging (3)
DEP 2481 Death and Dying: Life and Living (3)
EXP 2420 Animal Behavior and Training (3)
INP 1390 Human Relations in the Workplace (3)
PCO 2202 Counseling Techniques (3))
PPE 2001 Survey of Personality (3)
PSB 2442 Addictions I - Psychology of Addictions (3)
PSY 1012 General Psychology (3)
PSY 2930 Special Topics in Psychology (3)
SOP 2002 Introduction to Social Psychology (3)
SOP 2772 Psychology of Human Sexuality (3)
SYG 2000 Introduction to Sociology (3)
SYG 2010 Social Problems and Deviance (3)
SYG 2430 The American Family (3)

EDUCATION

EDF 1005 Introduction to the Teaching Profession (3)
EDF 2030 Effective Classroom Management (3)
EDF 2060 History of Education in the USA (3)
EDF 2085 Introduction to Diversity for Education (3)
EDP 2002 Educational Psychology (3)
EEX 2010 Introduction to Exceptional Education (3)
EME 2040 Introduction to Educational Technology (3)
MAE 2801 Elementary School Mathematics (3)

ECONOMIC & BUSINESS

ACG 2022 Principles of Financial Accounting (4)
ACG 2071 Principles of Managerial Accounting (4)
BUL 2241 Business Law I (3)
BUL 2242 Business Law II (3)
ECO 2013 Principles of Macro Economics (3)
ECO 2023 Principles of Micro Economics (3)
GEB 1011 Introduction to Business (3)
GEB 2430 Business Ethics (3)
MAN 2021 Principles of Management (3)
MAR 2720 Introduction to E-Commerce (3)

COMMUNICATIONS

ASL 2140 American Sign Language I (3)
ASL 2140L American Sign Language I Lab (1)
ASL 2150 American Sign Language II (3)
ASL 2150L American Sign Language II Lab (1)
ASL 2160 American Sign Language III (3)
ASL 2160L American Sign Language III Lab (1)
ASL 2200 American Sign Language IV (3)
ASL 2200L American Sign Language IV Lab (1)
ENC 2210 Report Writing (3)
ENC 2341 Article Writing (3)
ENG 2100 Introduction to Film (3)*
ENL 2012 Early English Literature (3)
ENL 2022 Nineteenth Century English Literature (3)
ENL 2280 Contemporary English Literature (3)
ENL 2931 Selected Topics in Shakespeare (3)
FRE 1120/1120L Elementary French I Concentrated and Lab (4)
FRE 1121/1121L Elementary French II Concentrated and Lab (4)
FRE 2220/2220L Intermediate French Reading and Conversation I and Lab (4)
FRE 2221/2221L Intermediate French Reading and Conversation II and Lab (4)
GER 1120/1120L Elementary German I Concentrated and Lab (4)
GER 1121/1121L Elementary German II Concentrated and Lab (4)
GER 2220/2220L Intermediate German Reading and Conversation I and Lab (4)
GER 2221/2221L Intermediate German Reading and Conversation II and Lab (4)
ITA 1120/1120L Elementary Italian I Concentrated and Lab (4)
ITA 1121/1121L Elementary Italian II Concentrated and Lab (4)
ITA 2220/2220L Intermediate Italian Reading and Conversation I and Lab (4)
ITA 2221/2221L Intermediate Italian Reading and Conversation II and Lab (4)
JOU 1100 Introduction to Journalism (3)
LIT 2030 Understanding Poetry(3)
LIT 2040 Dramatic Literature (3)
LIT 2110 Masterpieces of World Literature I (3)
LIT 2120 Masterpieces of World Literature II (3)
LIT 2380 Literature by Women (3)
LIT 2602 Literature of the Sea (3)
MMC 1000 Introduction to Mass Communication (3)
ORI 2000 Fundamentals of Oral Interpretation (3)
POR 1120/ 1120L Elementary Portuguese I Concentrated and Lab (4)
POR 1121/ 1121L Elementary Portuguese II Concentrated and Lab (4)
RTV 2102 Writing for Radio and Television (Broadcast Writing) (3)
RTV 2300 Broadcast Research/Newswriting/Presentation Skills (3)
SPC 2511 Argumentation and Debate (3)
SPC 2608 Oral Communications/Research/Presentation Skills (3)
SPN 1120/1120L Elementary Spanish I Concentrated and Lab (4)
SPN 1121/1121L Elementary Spanish II Concentrated and Lab (4)
SPN 2220/2220L Intermediate Spanish Reading and Conversation I and Lab (4)
SPN 2221/2221L Intermediate Spanish Reading and Conversation II and Lab (4)

HISTORICAL, POLITICAL & GLOBAL

AMH 2010 United States History to 1877 (3)
AMH 2020 United States History 1865 to Present (3)
AMH 2042 American Social History 1860 to Present (3)

AMH 2045 American Maritime History (3)
AHM 2059 The Vietnam War (3)
AMH 2091 Survey of African American History (3)
CPO 2001 Comparative Government (3)
EUH 2000 History of Western Civilization to 1648 (3)
EUH 2001 History of Western Civilization 1648 to Present (3)
GEO 2000 World Geography (3)
GEO 2420 Cultural Geography (3)
INR 2002 International Relations (3)
ISS 1120 American Political and Economic Issues (3)
PHI 1100 Practical Logic (3)
PHI 2001 Introduction to Philosophy I (3)
PHI 2002 Introduction to Philosophy II (3)
PHI 2600 Introduction to Ethics (3)
PLA 2880 Constitutional Law (3)
POS 2112 State and Local Government (3)
POS 2041 American Federal Government (3)
REL 2300 World Religion (3)
WOH 2012 World History I (3)
WOH 2022 World History II (3)

HUMANITIES & ARTS

AML 2010 Early American Literature (3)
AML 2050 Modern American Literature (3)
AML2060 Contemporary American Literature (3)
AML 2260 Southern Literature (3)
AML 2600 Introduction to African American Literature (3)
ARH 1000 Art Appreciation (3)
ARH 2050 Introduction to the History and Criticism of Art I (3)
ARH 2051 Introduction to the History and Criticism of Art II (3)
ART 1201/1201L Design I and Lab (3)
ART 1203/1203L Design II and Lab (3)
ART 1300/1300L Drawing I and Lab (3)
ART 1301/1301L Drawing II and Lab (3)
ART 1331/1331L Drawing III and Lab (3)
ART 1500/1500L Painting I and Lab (3)
ART 1501/1501L Painting II and Lab (3)
ART 1754/1754L Pottery Handbuilding I and Lab (3)
ART 1772/1772L Raku Pottery I and Lab (3)
ART 2400/2400L Printmaking I and Lab (3)
ART 2540/2540L Watercolor I and Lab (3)
ART 2701/2701L Sculpture I and Lab (3)
ART 2702/2702L Sculpture II and Lab (3)
ART 2710/2710L Stone Carving and Lab (3)
ART 2752/2752L Pottery Wheelthrowing I and Lab (3)
ART 2834 Museum and Gallery Practices (3)
CRW 2100 Fiction Writing (3)
CRW 2300 Poetry Writing (3)*
DAA 1100 Modern Dance I (3)
DAA 1200 Classical Ballet I (3)
DAA 1500 Beginning Jazz Dance (3)
DAA 1520 Beginning Tap Dance (3)
DAA 2101 Modern Dance II (3)
DAA 2201 Classical Ballet II (3)
DAA 2501 Intermediate Jazz Dance (3)
DAA 2610 Dance Composition (3)
DAA 2640/2640L Choreography and Dance Ensemble and Lab (3)
DAA 2540 Musical Theater Dance (3)
DAN 1100 Dance Appreciation (3)
DAN 2740 Stretch & Placement (3)
DIG 1109 Digital Imaging Fundamentals (3)
DIG 2115 Digital Imaging Fundamentals II (3)
DIG 2132 Digital Art and Design (3)
GRA 1741 Principles of Design and Color (3)
HUM 2210 Prehistory to Medieval Humanities (3)
HUM 2230 Renaissance to Postmodern Humanities(3)
HUM 2480 Multi-Cultural Humanities(3)
MUH 2051 Introduction to the Music of the World's Peoples (3)

MUL 1010 Music Appreciation (3)
MUL 2380 Popular Music in America (3)
MUN 1120/1120L College Band and Lab (3)
MUN 1210/1210L Orchestra and Lab (3)
MUN 1340/1340L Concert Choir and Lab (3)
MUN 1362/1362L Madrigal Dinner Rehearsal and Performance and Lab (3)
MUN 1710/1710L Jazz Ensemble and Lab (2)
MUN 1720/1720L Contemporary Vocal Ensemble and Lab (3)
MUS 2360 Learning Basic Music Using the Computer (3)
MUT 1121/1121L Music Theory I and Lab (4)
MUT 1122/1122L Music Theory II and Lab (4)
MUT 2126/2126L Music Theory III and Lab (4)
MUT 2127/2127L Music Theory IV and Lab (4)
MVK 1111 Applied Music - Group (Piano) I & II (1)
MVK 2121 Applied Music - Group (Piano) III & IV (1)
MVS 1116 Beginning Class Guitar (1)
MVS 2126 Intermediate Class Guitar (1)
PGY 2000 History and Aesthetics of Photography (3)
THE 1000 Dramatic Appreciation (3)
THE 1035 Dramatics I (Acting) (3)
THE 1036 Dramatics II (Acting) (3)
THE 2037 Dramatics III (Theatre Production) (3)
THE 2038 Dramatics IV (Theatre Production) (3)
TPA 2200 Stagecraft (3)
TPP 2190/2190L Theatre Rehearsal and Performance and Lab (3)

MATHEMATICS AND TECHNOLOGY

CGS 2100 Microcomputer Applications (3)
MAC 1105 College Algebra (3)
MAC 1114 College Trigonometry (3)
MAC 1140 Pre-Calculus Algebra (3)
MAC 2233 Calculus for Business and Nonphysical Sciences I (3)
MAC 2311/2311L Calculus I and Lab (4)
MAC 2312/2312L Calculus II and Lab (4)
MAC 2313/2313L Calculus III and Lab (4)
MAD 2104 Discrete Mathematics (3)
MAP 2302 Differential Equations (3)
MGF 2106 College Mathematics (3)
MGF 2107 Mathematics for Liberal Arts (3)
STA 2023 Elementary Statistics (3)

PUBLIC SERVICE

CCJ 1010 Introduction to Criminology (3)
CCJ 1020 Introduction to Criminal Justice (3)
CCJ 2647 Organized Crime (3)
CJC 1000 Introduction to Corrections (3)
CJE 1670 Crime Scene Investigation (3)
CJJ 2002 Juvenile Delinquency (3)
CJT 2100 Criminal Investigation (3)

SCIENCE

AST 1002 Astronomy (3)
BOT 1010/1010L General Botany and Lab (4)
BSC 1005 Survey of Biological Science (For Non-Science Majors) (3)
BSC 1005L Survey of Biological Science Lab (For Non-Science Majors) (1)
BSC 1010/1010L General Biology I (For Science Majors) and Lab (4)
BSC 1011/1011L General Biology II (For Science Majors) and Lab (4)
BSC 1020 Human Biology (3)
BSC 1085/1085L Human Anatomy and Physiology I and Lab (4)
BSC 1086/1086L Human Anatomy and Physiology II and Lab (4)
BSC 2930 Biological Themes in Film (3)
CHM 1025/1025L Introduction to Chemistry and Lab (4)
CHM 1045/1045L General College Chemistry I and Lab (4)

CHM 1046/1046L General College Chemistry II and Lab (4)
CHM 2205/2205L Introduction to Organic and Biochemistry and Lab (4)
CHM 2210/2210L Organic Chemistry I and Lab (4)
CHM 2211/2211L Organic Chemistry II and Lab (4)
GLY 2010/2010L Physical Geology and Lab (4)
GLY 2100 Historical Geology (3)
HLP 1081 Fitness Assessment and Improvement (3)
HUN 1201 Human Nutrition (3)
HUN 1270 Sports Nutrition (3)
HSC 2400 First Aid, Responding to Emergencies (3)
MCB 1010/1010L Microbiology and Lab (4)
MET 2010 Meteorology (3)
OCB 2000/2000L Introduction to Marine Biology and Lab (4)
OCE 1001 Introduction to Oceanography (3)
PCB 2510/2510L Human Genetics and Lab (4)
PET 2084 Personal Health and Wellness (3)
PET 2621 Principles of Athletic Training (3)
PET 2622/2622L Care and Prevention of Athletic Injuries and Lab (3)
PHY 1053/1053L General Physics I and Lab (4)
PHY 1054/1054L General Physics II and Lab (4)
PHY 2048/2048L Physics with Calculus I and Lab (5)
PHY 2049/2049L Physics with Calculus II and Lab (5)
PSC 1121 Physical Science (3)

IN ADDITION, the courses listed below may also be used as electives:
All Applied Music - Principal Level Courses (1)
All Applied Music - Secondary Level Courses (1)
All Chamber Music Ensemble Courses (1)
AFR 1101 The Air Force Today I (General Military Course) (1)
AFR 1111 The Air Force Today II (General Military Course) (1)
AFR 2130 The Development of Air Power I (General Military Course) (1)
AFR 2131 The Development of Air Power II (General Military Course) (1)
ART 2551/2551L Airbrush Techniques (3)
CGS 1060 Basic Computer Concepts (3)
HFT 1000 Introduction to Hospitality Industry (3)
HSC 1531 Medical Terminology (4)
HUS 1001 Introduction to Human Services (3)
HUS 1332 Advanced Counseling/ Interview Skills (3)
HUS 2200 Group Dynamics (3)
HUS 2441 Addictions, Families and Communities (3)
HUS 2500 Issues and Ethics in Human Services (3)
HUS 2424 Addictions and Treatment (3)
LIS 1002 Finding Information: Skills and Technologies (3)
LIS 2004 Introduction to Internet Information Research Resources (1)
MAR 2011 Principles of Global Marketing (3)
MAT 1033 Intermediate Algebra (4)
MNA 2345 Supervision of Personnel (3)
MSL 1001 Foundations of Officership (1)
MSL 1002 Basic Leadership (1)
MSL 2101 Individual Leadership (1)
MSL 2102 Leadership and Teamwork (1)
OST 1330 Business English (3)
PGY 1100 Photography I (3)
SLS 1122 Dynamics of Student Success (3)
SLS 1225 Human Potential Seminar (3)
SLS 1261 Dynamics of Student Leadership Development (3)
SLS 2301 Career Planning (3)
SLS 2304 Career Exploration (1)
SLS 2363 Adults in Transition (3)
WST 2010 Women's Studies Seminar (3)

Note: All courses are listed in the most recent Transfer Student Counseling Manual. These courses will either be duplicated in our catalog or brought in as transfer courses.

Courses transferred from other institutions are decided on an individual basis.

College Catalog - Graduation Requirements and Procedures

All Florida state and community college students seeking an Associate of Arts or a Bahelor's degree must satisfy the following degree requirements as established by the Board of Education. You are required to complete 60 hours of transferable college level credit to receive an AA degree. Florida State Board of Education Administrative Rule 6A-10.024 (3a) requires 36 semester hours of general education courses excluding college prep courses. The remaining 24 credit hours are elective credits. Graduates must also meet the requirements of the Gordon Rule, a state mandated foreign language requirement, and demonstrate the level of attainment of college-level academic skills (CLAS) in communication and computation as listed in Rule 6A-10.0316. This is also known as the CLAS requirement. You also must meet the Daytona State College residency requirements and have a cumulative 2.0 GPA and a Daytona State 2.0 GPA. (See Graduation Requirements and Procedures.)

Foreign Language Requirements

Completion of two years of the same foreign language in high school or eight college semester credits of the same foreign language or in American Sign at the level of ASL 2140/2140L or above. Foreign and sign language courses satisfy elective credits toward the AA degree.

Attainment of College-Level Academic Skills (CLAS Requirement)

Students are considered to have demonstrated the attainment of college-level academic skills in communication and computation prior to or after the completion of required courses as stated in Rule 6A-10.0316 as follows:

a) **College-Level Communication:** Earn a 2.5 grade point average in two (2) courses for a minimum of six (6) semester hours of credit from: ENC1101, ENC1102 or other equivalent college level English course (course prefixes AML, ENC, ENG, ENL, CRW and LIT); or have a CPT score of 93 on the Reading and 105 on the Writing; a SAT score of 500 on the verbal or an ACT score of 22 on the reading and 21 on the English. (Exemption via waiver for students with a prior documented specific learning disability is possible.)

b) **College-Level Computation:** Earn a 2.5 grade point average in two (2) courses for a minimum of six (6) semester hours of credit from: MAC 1105 or any other MAC course with the last three digits higher than 105; MGF 2106, 2107, or STA 2023; or have a CPT score of 91 on the Elementary Algebra, a SAT score of 500 on the math or an ACT score of 21 on the math. (Exemption via waiver for students with a prior documented specific learning disability is possible.)

Residency

Complete at least 25 percent of the degree requirement credits in residence at Daytona State College

Graduation Application

Submit an application for graduation and pay appropriate graduation fees. The fee will entitle the graduate to a diploma, if qualified, and to participate in the commencement ceremonies. Daytona State reserves the right to certify students as completers once they have completed all requirements for the degree or certificate, regardless if they have completed an application for graduation. Students who do not complete the graduation application process will not receive a diploma or have the degree or certificate earned statement on their official transcript. Completers are no longer eligible to receive student financial assistance.

Students not meeting graduation requirements for the term/semester for which they applied must reapply and pay the graduation fee for the new term/ semester for which they are applying.

Fulfill all financial and other obligations to the College before receiving their degree or certificate.

Commencement ceremonies for degree, certificate and adult education candidates are held in May. Students who complete graduation requirements in the fall and/or spring semester, or who have applied early for graduation during summer semester, are encouraged to participate in commencement ceremonies.

Students are responsible for determining if they have fulfilled graduation requirements. A Degree Audit is available on FalconNet online student services. We encourage all students to run a degree audit before applying for graduation. Assistance can be obtained from the Academic Advising Office for AA graduates, and from the academic department for career/occupational programs.

College Catalog - Honors College

The Honors College at Daytona State College offers students with proven academic ability an assortment of challenging courses to satisfy their intellectual curiosity and quest for knowledge. Most students enrolled in the Honors College intend to earn their bachelor's degree upon graduation from Daytona State College. That's why we place an emphasis on the arts and sciences, and tailor instruction toward preparing students for university transfer and success. Honors classes are small and offer more individual instruction. Other features include:

- Opportunities for outstanding achievement
- Highly motivated fellow students
- Emphasis on critical thinking and leadership skills
- Lively exchange of ideas with other students and faculty
- Thought-provoking curriculum
- A formal research program
- Scholarship advice and recommendations
- Individual academic counseling
- 10% tuition reimbursement for each semester the student qualifies
- Special recognition at commencement
- A competitive advantage upon transfer

Honors College Courses also encourage students to pursue their own special interests through independent study. For those who are up to the challenge, the Honors College at Daytona State can help students along the road of self-discovery and to prepare for college after Daytona State.

For further information, please email or call Dr. Ron Morrison, Chair of the Honors College. Telephone: (386) 506-3918. Email: morrisr@DaytonaState.edu.

Entrance Requirements

Students may apply for admission to the Honors College if they meet the following criteria:

Minimum College Placement Test Scores:

Reading - 100
Writing - 95
Elementary Algebra - 75

Minimum SAT Scores:

Verbal - 600
Math - 500

Minimum ACT Scores:

Reading - 25
Writing - 23
Math - 20

Graduation Requirements

Students who wish to graduate from the Honors College must complete the following:

- The Honors College Orientation & Training during the first semester of Honors College, as scheduled
- Establish during the first semester of Honors College an Honors College Committee which consists of "2" Honors College faculty members - one of which will be identified as the "Student's Committee Chairperson & Honors Advisor"
- The Honors College section of Introduction to Statistics (STA2023), and Introduction to Research

Methodology (PSY2932), both with a grade of "B" or better, by the end of the Freshman year (e.g., 30 credits), or before taking more than 6 semester hours of Honors Courses

- Honors Composition (ENC1122), and one of the Honors College offerings in Science (e.g., Science, Fiction, and Films - BSC2930, or Physical Science Honors - PSC1121), both with a grade of "B" or better
- An approved 2-year Research Project and Thesis
- A passing grade on the Honors College General Education Final Qualifying Examination
- A minimum total of 18 hours of Honors College credit with a grade of "B" or better
- A cumulative GPA of 3.25 or better
- Other requirements as determined by the Honors College

College Catalog - Learning Communities

Daytona State's Learning Communities offer an alternative to traditional college classes. These courses are integrated with a common theme and emphasize collaborative teaching and learning.

Linked Classes

One of the advantages of college is learning how to see the world from different perspectives. Linked classes--separate courses joined by a theme--are an excellent way for you to do just that. In a linked class, you will work closely with other students and faculty to discover relationships between different subjects. Also, you will experience the excitement and challenge of active learning as you work together to solve problems and think critically.

What are the benefits of linked classes?

- Students understand how subjects and issues are interrelated and can cross subject matter boundaries.
- Learning Communities provide an academic community for students who attend commuter schools.
- Students become active and responsible participants in their own education. High-level critical thinking is encouraged.
- Students and faculty find intellectual interaction and connection with each other.
- The exposure to diverse populations and the opportunities to explore and understand diverse perspectives are great.

For detailed program information call (386) 506-3802 and talk to Casey Blanton, Chair of Learning Communities, or e-mail her at blantoc@daytonastate.edu.

QUANTA: An Interdisciplinary Learning Community

QUANTA is a nationally-recognized Learning Community where students and faculty work together to share their learning experiences.

As a QUANTA student, you'll work with three faculty members who collaborate in teaching the sociology, cultural arts and English courses. You will participate in groups with other students to share your ideas, thereby gaining different perspectives on the topic you are studying. You'll develop your critical thinking, reading and writing skills, group and leadership skills and will benefit from a flexible learning environment. Through this experience of community, you'll develop a greater sense of involvement with the other students and faculty.

QUANTA integrates traditional college courses with a common theme and offers students the challenge of seeing and exploring the relationships between subjects and ideas within those subjects. QUANTA courses satisfy general education requirements for all majors in AA degree programs.

The Florida Board of Community Colleges has recognized the QUANTA Learning Community as one of the outstanding academic programs in Florida in higher education.

For detailed program information contact Casey Blanton, Chair of Learning Communities, at (386) 506-3802 or through email at: blantoc@daytonastate.edu.

College Catalog - Occupational Certificate Programs

Daytona State's certificate programs prepare you for those jobs that require one year or less of training. Most certificate programs are offered for vocational credit. However, some college certificate programs provide credit toward AAS and AS degrees. College credit certificate programs are identified in the program guides listed in this catalog.

College Catalog - Recognition of Academic Excellence

Daytona State students who have pursued and achieved academic excellence during their course of study may be eligible for one or more of the following honors..

- **President's List** - Students are eligible if they earn at least six semester hours of credit and have a 3.8-4.0 semester GPA. The names of students achieving this honor are published on the Daytona State College Web site for the Fall and Spring semesters.

- **Dean's List** - Students are eligible if they earn at least six semester hours of credit and have a 3.2-3.79 semester GPA.

- **Honors Recognition** - Students who graduate with high cumulative GPAs are recognized at graduation as follows: High honors (3.8-4.0 GPA) and honors (3.2-3.79 GPA) and a statement will appear on transcript.

- **Hall of Fame** - Daytona State's highest honor in scholarship, leadership and citizenship is presented at the annual awards ceremony.

- **Outstanding Student Awards** - Each department presents these at the annual awards ceremony to students in BAS, AA, AAS and AS degree and certificate programs. Students involved in extracurricular activities are also recognized.

- **Florida Blue Key** - The University of Florida awards its community college leadership honor to one outstanding female and male from each of Florida's 28 community colleges.

- **Phi Theta Kappa** - This is the only nationally accredited honors organization for two year colleges. Daytona State 's chapter is Mu Rho. The Mu Rho office is in Building 130, Room 107 on the Daytona Beach Campus. For information about membership and activities, call the Daytona Beach Campus office at (386) 506-3330. This is an international honors society that is open to AA, AS, and AAS students who meet certain academic criteria.

- **Who's Who** is awarded annually by the National Organization of Who's Who in American Community and Junior Colleges.

- **Sigma Beta Delta** - This is an international honor society that is open to students in the BAS program who meet certain academic criteria.

College Catalog - State of Florida Articulation Agreement

According to the articulation agreement among all Florida public institutions of higher learning, students who receive the Associate of Arts degree from Daytona State are guaranteed entry into one of Florida's four-year upper division public institution as juniors. Daytona State also maintains a similar agreement with most of the state's private institutions.

Although an AA degree guarantees admission to an upper division institution, it does not guarantee acceptance to a particular university's selected, special or limited access programs. Associate of arts degree recipients compete for admission to these programs on the same basis as students already enrolled at these institutions.

College Catalog - Substitutions/Waivers

Students may be permitted to substitute requirements upon completion of a substitution form signed by the appropriate program manager/program chairperson and dean/AVP if it is determined that the substitution does not substantially alter the program and is in the student's best interest.

College Catalog - Summer Study Abroad at Cambridge University

For more than 16 years, Daytona State has offered a program of study at Cambridge University in England during the summer. Students register for academic credit through Daytona State or choose to audit the Cambridge courses while attending one of the world's oldest (established 1209) and most prestigious universities. These exciting classes are attended by students from more than 100 countries and are stimulating both intellectually and culturally.

Imagine yourself walking on the same Medieval cobblestone streets as Darwin, Lord Byron, Isaac Newton and many other famous names in English history and literature. Just picture yourself "punting" on the river Cam, which surrounds much of the university, as you leisurely make your way toward a lunch at a snug English restaurant along the river.

Your summer at Cambridge University will be a unique travel experience that will provide memories that will last a lifetime.

For more information, call Samuel Goldstein at (386) 506-3617.

College Catalog - EEOC Statement

This document is prepared and presented as an informational guide only. Course offerings, fee schedules and other representations provided are not controlling and are subject to change, amendment or deletion by the College as deemed appropriate. The information is taken from Board rules and administrative procedures. These sources may be consulted for additional information.
Daytona State College is an Equal Opportunity Institution

Daytona State College pledges nondiscrimination, equal access, equal educational opportunity and equal employment opportunity to all persons regardless of race, ethnicity, religion, national origin, age, gender, disability, marital status, veteran status, ancestry or political affiliation. Our pledge covers recruitment, admission, registration, financial help, counseling, advising, course offerings, extracurricular programs, facilities, health services, athletics, employment and its privileges and benefits.

To obtain more information about the College's equal access and equal opportunity policies, procedures and practices, please call the Director of College Equity (386) 506-3916 or contact one of the following individuals:

Ms. Ursula Scott
Director College Equity
Building 100 Room 225
(386) 506-3916

Mrs. Robin Barr
Director Human Resources/Employment Equity
Building 100 Room 303F
(386) 506-4473

Mr. Idris Muhammad
Director Student Disability Services/Student Equity
Building 100 Room 113G
(386) 506-3076

Mr. Will Dunne
Dean of Co-Curricula Activities & Athletics
Building 310 Room 241
(386) 506-4486

Daytona State is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, GA 30033-4097: Telephone number 404-679-4501) to award the bachelor of applied science degree, two-year associate of arts, associate of applied science and associate of science degrees.

The College is a member of the American Association of Community Colleges and the Florida Association of Community Colleges, and is an approved institution of higher education for veterans and war orphans.

Please be advised that your photo may be taken and used in materials (including Daytona State's Web site) promoting the College. If you do not want your photograph used, please contact the Marketing Department at (386) 506-3153.

Baccalaureate Studies

College Catalog - Message from the Vice President

As the Vice President of the College of Business Administration, I welcome you and encourage you to apply to the Bachelor of Applied Science in Supervision and Management program. The program is accessible and affordable, and offers a quality education for our students. As graduates of our program, you will be empowered to improve the economic development of the business community. Program goals include meeting the needs for skilled management employees. Students will broaden their knowledge in management skills and sharpen their decision making and critical thinking abilities through relevant and practical learning experiences.

Students will find these learning experiences to be challenging and will be encouraged to be creative thinkers. They will practice managemen skills in an applied environment centered on ethical and socially responsible behaviors. They will learn to cultivate an entrepreneurial spirit that provides career choices and encourages life-long learning. Courses are taught by faculty with excellent academic credentials and employment experience in management. I invite you to take advantage of this opportunity to further your education in an environment that welcomes you!

Invest the time to consider your educational options, and make your next choice a lifetime of value by obtaining your bachelor's degree. Earning your bachelor's degree at Daytona State College will inspire you, challenge you and provide the foundation for you to achieve your career goals.

Thank you for taking the first step. The staff, faculty and I look forward to helping you make a successful journey!

Sincerely,

Dr. Eileen Hamby
Vice President of the College of Business Administration

BAS in Supervision and Management

Your Associate degree program prepared you to enter the job market at an entry-level or mid-level position. The BAS program will broaden your knowledge of applied management practices and put you on the path to career advancement.

BAS Program Mission Statement

To provide access for students to earn a quality baccalaureate education that aligns with the program goals to meet local business and industry management workforce needs. Students will broaden their knowledge in management skills, be creative thinkers in an applied business environment, practice behaviors in business that are centered in ethical and socially responsible relationships, and cultivate the entrepreneurial spirit that provides career choices and encourages life-long learning.

Contact: For information, call (386) 506-4BAS or email BASinfo@daytonastate.edu

Web site: http://www.daytonastate.edu/sbs/

College Catalog - Admission Requirements for the BAS Program

Applications are accepted year-round and students may start the program during any semester of the academic year. There is no application fee. Admission to the Bachelor of Applied Science (BAS) in Supervision and Management program is open to all applicants who meet the admission requirements.

Requirements for admission to the BAS program are:

1. Applicants must complete a Bachelor of Applied Science Application for Admission. You may complete an application to the BAS degree program in the Admissions Office, the BAS program office, or online through http://www.daytonastate.edu/sbs/. All applicants must provide an official transcript from all previous institutions attended.

2. Applicants for the BAS program must have earned an Associate of Science (AS), an Associate of Applied Science (AAS), or an Associate of Arts (AA) degree. AA graduates wishing to upgrade their career may be admitted to the program with the approval of the Chair of the BAS program. Those with AA degrees who have completed all core general education courses will be required to complete a total of 18 credits in an occupational/technical area (e.g., accounting technology, computer science, business, etc.). AS/AAS graduates must complete additional core general education courses. Associate degree applicants must have earned an overall grade point average of 2.0 in their associate degree program.

3. College or university transfer applicants must have at least 60 college credit hours. Applicants must have received a grade of "C" or better in all core general education courses that transfer into the BAS program. All applicants must provide an official transcript from all previous institutions attended. Transfer students who have not earned an associate degree from a public community college or university in Florida will be required to successfully complete the CLAST.

4. Daytona State College welcomes transfer students from other regionally-accredited postsecondary institutions. Academic advising will be provided through the Bachelor of Applied Science program office (386-506-4227) to ensure that as many earned credit hours as possible will be applied toward their program of study at Daytona State College.

Official transcripts from all postsecondary institutions attended must be received for evaluation by the Records Office at Daytona State. International students must have their transcripts evaluated by a recognized international evaluator such as Josef Silny and Associates, Inc. or World Education Services.

All transferable applicants must have received a grade of "C" or better in all core general education courses that transfer into the BAS program, and must have earned an overall grade point average of 2.0 in the associate degree program courses. Students must complete at least 25 percent (30 credits) of their bachelor's degree courses at Daytona State.

GEB 3213
Business Writing
3 sem. hrs.
This course emphasizes the basics of business writing while reviewing the various kinds of written business correspondence. Students are expected to integrate business decision making and analytical thinking skills into the content. Students must be able to determine solutions to problem-based exercises. PR: ENC 1101 or equivalent; junior level status or permission of the chair is required. (This course number was formerly GEB 3212).

MAN 3353
Management Theory and Practices
3 sem. hrs.
This course examines management theory, relevant applications and cases, self-management, teamwork, global awareness, and communication for the development of management competencies. PR: Junior level status or permission of the chair is required.

MAN 3240
Organizational Behavior
3 sem. hrs.
This course is a study of individual and group behavior in organizations. Students will develop an understanding of how organizations can be managed more effectively. Course content includes motivation, group dynamics, conflict resolution, goal setting and rewards, job design, work stress, power/politics, and organizational change and development. PR: Junior level status or permission of the chair is required.

BUL 3130
Legal, Ethical, and Social Aspects of Business
3 sem. hrs.
This course explores the nature of legal, ethical, and societal environments of business. Emphasis is placed on business's social, legal, political, and ethical responsibilities to both external and internal groups in business. Topics include corporate social responsibility, legal, political and ethical aspects of business, state and federal laws, contracts, intellectual property, employment law, product liability, safety issues, and environmental regulation. PR: Junior level status or permission of the chair is required.

ACG 3024
Accounting for Non-financial Majors
3 sem. hrs.
This course addresses the use of accounting information by non-financial managers. Emphasis is placed on the interpretation of accounting information and the language of financial accounting to effectively participate in activities such as planning, investment, control, and managerial decision making. PR: MAC1105 or equivalent; junior level status or permission of the chair is required.

MAN 4162
Customer Relations for Managers
3 sem. hrs.
This course examines relationship building for all customers of an organization. The impact of culture and diversity on business relationships, successful negotiation strategies, and promotion of the organization through media relations are discussed. PR: Junior level status or permission of the chair is required.

MAN 4301
Human Resource Management
3 sem. hrs.
This course is a study of the functions of human resource management including recruitment, selection, benefits and compensation, performance evaluation, development of employees, and formulation of human resource procedures. The strategic role of human resources and current issues will be discussed. PR: Junior level status or permission of the chair is required.

ISM 4011
Introduction to Management Information Systems
4 sem. hrs.
This course provides an introduction to the use of information technology in the business environment. The language, concepts, structures and processes involved in the management of information systems will be discussed. The course will have an applications component where software will be used to support managerial decision making. PR: CGS 2100 or equivalent. Senior level status or permission of the chair is required.

MAN 4120
Leadership Challenges and Supervision
3 sem. hrs.
Discussion and application of leadership theories include skill formation to develop leadership abilities. Team building skills are emphasized to enhance leadership effectiveness. Students learn the importance of visioning in their organizations. PR: Senior level status or permission of

the chair is required.

GEB 4891
Strategic Management and Decision Making
4 sem. hrs.
This course emphasizes strategic planning and strategy implementation in an organization. Students learn how to perform internal and external audits, identify problems, formulate goals and objectives, develop action plans, and evaluate the effectiveness of the outcome of the plan. Case studies are used to promote decision-making abilities. PR: Senior level status or permission of the chair is required.

GEB 4930
Selected Topics in Management
3 sem. hrs.
Current topics, issues, and trends pertinent to supervisors and managers are discussed. PR: Senior level status or permission of the chair is required.

MAN 4504
Operational Decision Making
3 sem. hrs.
This course focuses on operational decision-making management techniques to improve the processes and productivity in organizations. Discussion of quality and outcomes, efficiency, forecasting, work-flow processes, inventory control, design of goods and services, waiting lines and critical path. Managing a project from beginning to end, including how to identify needs, and define, assign and track items, is addressed. PR: Senior level status or permission of the chair is required.

MAN 4900
Capstone Project in Supervision and Management
4 sem. hrs.
This course focuses on the integration of knowledge, skills and abilities learned in the program through a capstone project. PR: Senior level status or permission of the chair is required. To be taken during the last semester of the program.

College Catalog - BAS Program Overview

The Bachelor of Applied Science (BAS) in Supervision and Management program prepares individuals who already have skills in specific occupational/technical areas for supervisory and management roles and positions. Associate degree programs have prepared these individuals to enter the job market at entry-level or mid-level positions. Upper-level coursework in the BAS program broadens their knowledge in applied management practices and prepares them for supervisory and management opportunities within their occupational/technical fields. Those with associate degrees are eligible to apply for admission to the Daytona State College BAS in Supervision and Management program.

For more information, please browse our Web site at www.DaytonaState.edu/sbs, email BASinfo@DaytonaState.edu, or call (386) 506-4BAS.

College Catalog - Career Opportunities

Students graduating from Daytona State College's Bachelor of Applied Science in Supervision and Management program will be prepared to effectively lead and manage business operations within their technical field of interest. Specifically, the business community in Volusia and Flagler counties articulated the need for Daytona State College to produce individuals with bachelor's level supervisory and managerial skills to enhance the technical preparation provided by their associate degree programs. Earning your Daytona State College bachelor's degree will provide the access needed to advance your skills in the workplace for managerial career opportunities.

College Catalog - Completion Requirements for the BAS Program

Requirements for graduation from the Bachelor of Applied Science (BAS) program are:

1. Students must successfully complete 120 hours of college-level credit courses in the degree program, including the lower division associate degree, and the 42 hours of BAS in Supervision and Management coursework, which concludes with the Capstone course.

2. Students must successfully complete with a grade of "C" or higher 36 hours of general education in the areas of communications core, mathematics core, sciences core, humanities, cultural and aesthetic core, behavioral and human (social) sciences core, health and wellness core, political, economic and business core, and historical and global core (according to the distribution or its equivalent, established by Daytona State College for its Associate of Arts degree program).

3. Students must maintain a cumulative GPA of at least a 2.0 on a 4.0 scale for all BAS in Supervision and Management courses, plus complete each BAS course with a grade of "C" or higher.

4. Students must have completed the Florida foreign language requirement prior to the completion of the bachelor's degree. The requirement may be met by taking two years of the same foreign language in high school or eight credits of the same foreign language in college.

5. Students must earn passing scores on the state of Florida College-Level Academic Skills Test (CLAST) or meet eligibility standards for CLAST alternatives. The CLAST measures college-level communications and math skills and is part of the state's overall effort to ensure students have acquired the skills expected in those areas.

6. Students must meet all other Daytona State graduation policies and deadlines.

College Catalog - Frequently Asked Questions

What is the definition of a Bachelor of Applied Science degree?
The Bachelor of Applied Science (BAS) is the designated degree for flexible baccalaureate programs that are designed to accommodate the unique demands required for entry to and advancement in specific workforce sectors. BAS programs provide degree-completion opportunities for students from a variety of educational backgrounds, but primarily those with an associate degree or equivalent. BAS degree programs within the state of Florida conform to all articulation conventions (including common course prerequisites, CLAST and common course numbering). BAS programs typically include capstone experiences that provide opportunities for students to demonstrate the application of acquired knowledge, skills and competencies.

What does the BAS program provide to associate degree graduates?
The BAS program builds on an occupational/technical program typically offered at community colleges. Associate degree programs traditionally consist of coursework specific to occupational or technical fields and may not transfer to conventional baccalaureate programs. However, general education course work (core courses) can be applied to the core requirements of many educational institutions. Associate degree graduates are invited to apply to the BAS program. Associate of Arts graduates who wish to upgrade their career also may apply. Additional coursework within an occupational/technical program of study (e.g., accounting technology, computer science, business, etc.) is required. This BAS degree allows for a seamless transition between the associate and bachelor's degrees.

What will the BAS degree provide for me in the workplace or on the job?
Many jobs today require a four-year degree; therefore, the bachelor's degree often can provide more employment opportunities and higher compensation for graduates. The BAS program concentrates on skills that are required to be an effective supervisor or manager. These skills include human resource management, leadership, organizational behavior, strategic management, customer relations and operational decision making.

Can I attend either as a part-time or full-time student?
Yes. To accommodate varying work schedules, BAS courses are offered during the evening and on weekends.

Are online, half and half, or hybrid courses available?
Yes. Please see the online schedule for available course offerings. Online courses require 100 percent of class time through the Internet. Hybrid Web-enhanced courses require 25 percent face-to-face class time in a traditional classroom setting and 75 percent of class time through the Internet. Half/Half Web-enhanced courses require 50 percent class time in a face-to-face traditional classroom setting and 50 percent of class time through the Internet. In addition, many of the BAS courses are offered in a six, seven, or eight-week format depending on the semester.

College Catalog - BAS Program of Study

Program of Study Code 6000

The Bachelor of Applied Science (BAS) program uses a 2+2 model requiring the completion of an associate degree for entry into the program. The degree components are below.

BAS in Supervision and Management Degree Components

Associate Degree Program of Study Credit (see admission requirements)	42 Sem. Hrs.
General Education Core Requirements Credit	36 Sem. Hrs.
BAS Program of Study Credit	42 Sem. Hrs.
TOTAL	120 Sem. Hrs.

Supervision and Management Courses

GEB3213	Business Writing	3 Sem. Hrs.
MAN3240	Organizational Behavior	3 Sem. Hrs.
MAN3353	Management Theory and Practices	3 Sem. Hrs.
BUL3130	Legal, Ethical, and Social Aspects of Business	3 Sem. Hrs.
ACG3024	Accounting for Non-Financial Majors	3 Sem. Hrs.
MAN4162	Customer Relations for Managers	3 Sem. Hrs.
MAN4301	Human Resource Management	3 Sem. Hrs.
ISM4011	Introduction to Management Information Systems	4 Sem. Hrs.
MAN4120	Leadership Challenges and Supervision	3 Sem. Hrs.
GEB4891	Strategic Management and Decision Making	4 Sem. Hrs.
GEB4930	Selected Topics in Management	3 Sem. Hrs.
MAN4504	Operational Decision Making	3 Sem. Hrs.
MAN4900	Capstone Project in Supervision and Management	4 Sem. Hrs.

SAMPLE COURSE SEQUENCE PLAN

First Semester		Sem Hrs.	Prerequisites
GEB3213	Business Writing	3	ENC1101 or equivalent, Junior status or permission of the chair
MAN3240	Organizational Behavior	3	Junior status or permission of the chair
MAN3353	Management Theory and Practices	3	Junior status or permission of the chair
XXXXXX	General Education Core	3	
XXXXXX	General Education Core	3	
	Semester Credit Hours	**15**	
Second Semester			
BUL3130	Legal, Ethical, and Social Aspects of Business	3	Junior status or permission of the chair
ACG3024	Accounting for Non-Financial Majors	3	MAC1105 or equivalent, Junior status or permission of the chair
XXXXXX	General Education Core	3	
XXXXXX	General Education Core	3	
	Semester Credit Hours	**12**	
Third Semester			
MAN4162	Customer Relations for Managers	3	Junior status or permission of the chair
MAN4301	Human Resource Management	3	Junior status or permission of the chair
ISM4011	Introduction to Mgmt Information Systems	4	CGS2100 or equivalent; Senior status or permission of the chair
XXXXXX	General Education Core	3	
XXXXXX	General Education Core	3	
	Semester Credit Hours	**16**	
Fourth Semester			
MAN4120	Leadership Challenges and Supervision	3	Senior status or permission of the chair
GEB4891	Strategic Management & Decision Making	4	Senior status or permission of the chair

GEB4930	Selected Topics in Management	3	Senior status or permission of the chair
MAN4504	Operational Decision Making	3	Senior status or permission of the chair
	Semester Credit Hours	**13**	
Fifth Semester			
MAN4900	Capstone Project in Supervision & Mgmt	4	Senior status or permission of the chair
	Semester Credit Hours	**4**	
	Total Semester Credit Hours	**60**	

XXX-XXXX General Education Core - The state-mandated 36 hours of general education (Communications-9 sch; Math-6 sch; Science-6 sch Humanities-3 sch; Behavioral and Human (Social) Science-3 sch; Health & Wellness-3 sch; Political, Economic & Business-3 sch; Historica and Global-3 sch.)

Typically, students from AS or AAS degree programs transfer 15-18 credits of General Education Core. AA graduates will typically transfer the total 36 general education core requirements into the BAS program. AA graduates will also require 18 hours of lower division credit in an occupational/technical area, e.g., accounting technology, computer science, business, etc., in lieu of the additional general education required of the AS/AAS student.

College Catalog - Supervision and Management Courses

The upper-division supervision and management courses provide students with a general, but comprehensive understanding of business enterprises and a command of practical management skills. The curriculum builds from the practitioner viewpoint to a thorough understanding of all facets of enterprise management as the student progresses. Many local businesses and industries were involved in developing curricula for workforce education programs. The results of curriculum development panels, composed of experts from a wide variety of occupations and professions, consistently indicate that supervisory and management skills are necessary for an increasingly broad spectrum of occupations. Students will discover that the BAS in supervision and management courses are balanced with a theoretical foundation and a practical, applied methodology to allow students to meet learning outcomes.

BS in Education

School of Education

Daytona State College offers five Bachelor of Science in Education degrees, including Elementary Education, Exceptional Student Education, Secondary Biology Education, Secondary Earth/Space Science Education and Secondary Mathematics Education.

Mission Statement

The School of Education programs embrace diversity and promote the latest innovations in teaching and learning. The programs prepare excellent, highly-qualified teachers from the community to teach in the community.

Program Guides

Course Descriptions

Admission Requirements:

- Associate of Arts degree from an accredited institution

- Minimum 2.5 cumulative GPA

- Completion of the common education course prerequisites (EDF1005, EDF2085, and EME2040) with a grade of "C" or higher

- Completion of the common course prerequisites for the specific education programs in Mathematics and Science

- Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required to be admitted to the program

- Security clearance from the FDLE/FBI fingerprint process.

NOTE: You should apply for your security clearance *no sooner* than 8 weeks prior to starting your bachelor's level classes.

Completion Requirements

- Complete all required courses in the program (60 hours) with a GPA of 2.5 or higher and a grade of C in all courses

- Complete 12 to 14 weeks of full-time teaching at an approved public school

- Complete the Florida Teacher Certification Exams

- Submit a professional portfolio

- Students must meet all other Daytona State College policies for graduation and deadlines.

College Catalog - Frequently Asked Questions

Can I attend either as a part-time or full-time student?

Yes. You can attend the BS in Education program as a part-time or full-time student.

Are online, half and half, or hybrid courses available?

The BS in Education program offers classes that are half and half. These Web-enhanced courses require 50 percent class time in a face-to-face traditional classroom setting and 50 percent of class time through the Internet.

College Catalog - BS in Education Program Overview

Daytona State's bachelor of science degree programs in education will prepare you to design, develop and implement effective classroom management techniques and instructional strategies. While enrolled in our programs, you will spend many hours in area schools working with children in kindergarten through high school, practicing the instructional strategies learned in class.

Degree programs include:

BS in Elementary Education (K-6)
BS in Exceptional Student Education (K-12)
BS in Secondary Math Education (6-12)
BS in Secondary Biology Education (6-12)
BS in Secondary Earth/Space Science Education (6-12)

These are fully accredited, state-approved programs that fulfill the education courses, professional education competencies and practical experience required to obtain a five-year Educator's Certificate in their respective disciplines. The programs include state endorsements for Reading and ESOL. Students in these programs are required to perform field service in public schools and complete 12-14 weeks in a full-time student internship in the public schools.

ACG - Accounting

ACG2022 Principles of Financial Accounting, 4.0 sem hrs
A study of accounting concepts for service and merchandising businesses, matching concept, adjusting process, financial statements, accounting systems, internal controls, special journals, receivables, inventories, current liabilities, bonds payable and investment in stocks and bonds, international transactions, and corporate: organization, equity rights and earnings. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

Lab Fees: $13.00

ACG2071 Principles of Managerial Accounting, 4.0 sem hrs
Cash flow statements, financial statement analysis, product costing systems, cost-volume-profit analysis, performance evaluation, cost standards, budgeting, pricing decisions, capital expenditure decisions, taxes and management accounting analysis. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and "C" or better in ACG 2022 or permission of chairperson.) FA, SP, SU

Pre-Reqs: ACG2022
Lab Fees: $13.00

ACG2900 Directed Study in Accounting, 1.0-4.0 sem hrs
Directed Study in Accounting FA,SP, SU

ACG2949 Cooperatived Education Experience in Accounting, 1.0-4.0 sem hrs
Cooperative Education Experience in Accounting FA, SP, SU

ACG3024 Accounting for Non-Financial Majors, 3.0 sem hrs
This course addresses the use of accounting information by non-financial managers. Emphasis is placed on the interpretation of accounting information and the language of financial accounting to effectively participate in activities such as planning, investment, control, and managerial decision making. PR: MAC1105 or equivalent; junior level status or permission of the chair is required.

ACR - Air Conditioning, Refrigeration and Heating

ACR0001 Physical Principles I, 1.0 voc hrs
Scientific principles and calculations as they relate to compression refrigeration. Tools and test equipment used to construct, charge, operate and troubleshoot a refrigeration system. FA, SP

Conc-Reqs: ACR0001L

ACR0001L Physical Principles I Lab, 2.0 voc hrs
Scientific principles and calculations as they relate to compression refrigeration. Tools and test equipment used to construct, charge, operate and troubleshoot a refrigeration system. FA, SP

Conc-Reqs: ACR0001
Lab Fees: $17.50

ACR0002 Physical Principles II, 1.0 voc hrs
Continuation of the study of scientific principles as they relate to compression refrigeration. Tools and test equipment used to construct, charge, operate and troubleshoot a refrigeration system. FA, SP

Pre-Reqs: ACR0001
Conc-Reqs: ACR0002L

ACR0002L Physical Principles II Lab, 2.0 voc hrs
Continuation of the study of scientific principles as they relate to compression refrigeration. Tools and test equipment used to construct, charge, operate and troubleshoot a refrigeration system. FA, SP

Conc-Reqs: ACR0002
Lab Fees: $17.50

ACR0061 Psychrometrics, 1.0 voc hrs
A study of air, humidity, heat and movement as it relates to comfort air conditioning. Psychrometric processes will be charted, measured, and applied. SU

Pre-Reqs: ACR0002 OR ACR0001
Conc-Reqs: ACR0061L

ACR0061L Psychrometrics Lab, 2.0 voc hrs
A study of air, humidity, heat and movement as it relates to comfort air conditioning. Psychrometric processes will be charted, measured, and applied. SU

Conc-Reqs: ACR0061
Lab Fees: $14.00

ACR0062 Heat Load Calculations, 1.0 voc hrs
A study of heat and heat flow. Calculate heat gain and loss, duct and register sizing for comfort in refrigeration and air conditioning. SU

Pre-Reqs: ACR0000 OR ACR0002
Conc-Reqs: ACR0062L

ACR0062L Heat Load Calculations Lab, 2.0 voc hrs
A study of heat and heat flow. Calculate heat gain and loss, duct and register sizing for comfort in refrigeration and air conditioning. SU

Conc-Reqs: ACR0062
Lab Fees: $10.00

ACR0100 Basic Electricity I, 1.0 voc hrs
Continuation of the study of physical principles of electricity and practices in air conditioning and refrigeration systems. Laws of energy, energy equivalents, electrical components and circuits. FA, SP

Conc-Reqs: ACR0100L

ACR0100L Basic Electricity Lab, 2.0 voc hrs
Continuation of the study of physical principles of electricity and practices in air conditioning and refrigeration systems. Laws of energy, energy equivalents, electrical components and circuits. FA, SP

Conc-Reqs: ACR0100
Lab Fees: $17.50

ACR0102 Basic Electricity II, 1.0 voc hrs
Continuation of the study of physical principles of electricity and practices in air conditioning and refrigeration systems. Laws of energy, energy equivalents, electrical components and circuits. FA, SP

Conc-Reqs: ACR0102L

ACR0102L Basic Electricity II Lab, 2.0 voc hrs
Continuation of the study of physical principles of electricity and practices in air conditioning and refrigeration systems. Laws of energy, energy equivalents, electrical components and circuits. FA, SP

Conc-Reqs: ACR0102
Lab Fees: $17.50

ACR0150 A/C Motors and Controls, 1.0 voc hrs
Study of single phase motors and related components. Disassembly, assembly, application and testing with appropriate instrumentation. FA, SP

Pre-Reqs: ACR0102
Conc-Reqs: ACR0150L

ACR0150L A/C Motors and Controls Lab, 2.0 voc hrs
Study of single phase motors and related components. Disassembly, assembly, application and testing with appropriate instrumentation. FA, SP

Conc-Reqs: ACR0150
Lab Fees: $14.00

ACR0205 Refrigerants I, 1.0 voc hrs
A study of the internal chemistry and physics of a refrigeration system. Refrigerants, oil, contaminants, dehydration and burnouts in detail. SU

Pre-Reqs: ACR0000 OR ACR0002
Conc-Reqs: ACR0205L

ACR0205L Refrigerants I Lab, 2.0 voc hrs
A study of the internal chemistry and physics of a refrigeration system. Refrigerants, oil, contaminants, dehydration and burnouts in detail. SU

Conc-Reqs: ACR0205
Lab Fees: $14.00

ACR0506 Residential Air Conditioning and Refrigeration, 1.0 voc hrs
Study of application, installation, and servicing central residential equipment. Integrates electrical, psychrometric and mechanical operation.

ACR0506L Residential Air Conditioning and Refrigeration Lab, 2.0 voc hrs
Study of application, installation, and servicing central residential equipment. Integrates electrical, psychrometric and mechanical operation.

Lab Fees: $14.00

ACR0600 Fossil Fuel Heating, 1.0 voc hrs
Oil and gas fired heating systems. Combustion, mechanical and electrical components. FA, SP

Pre-Reqs: ACR0002
Conc-Reqs: ACR0600L

ACR0600L Fossil Fuel Heating Lab, 2.0 voc hrs
Oil and gas fired heating systems. Combustion, mechanical and electrical components. FA, SP

Conc-Reqs: ACR0600
Lab Fees: $10.00

ACR0601 Heat Pumps, 1.0 voc hrs
An advanced study of the refrigerant cycle and the electrical circuitry necessary to provide year-round air conditioning. Includes electric furnaces. FA, SP

Pre-Reqs: ACR0002
Conc-Reqs: ACR0601L

ACR0601L Heat Pumps Lab, 2.0 voc hrs
An advanced study of the refrigerant cycle and the electrical circuitry necessary to provide year-round air conditioning. Includes electric furnaces. FA, SP

Conc-Reqs: ACR0601
Lab Fees: $21.00

ACR0741 Commercial Refrigeration I, 1.0 voc hrs
Comprehensive study of standard and special mechanical components. Component characteristics, operation and application. Design, construction and analysis of commercial systems. FA, SP

Pre-Reqs: ACR0002
Conc-Reqs: ACR0741L

ACR0741L Commercial Refrigeration I Lab, 2.0 voc hrs
Comprehensive study of standard and special mechanical components. Component characteristics, operation and application. Design, construction and analysis of commercial systems. FA, SP

Conc-Reqs: ACR0741
Lab Fees: $14.00

ACR0742 Commercial Refrigeration II, 1.0 voc hrs
A study of larger, multiple temperature refrigeration systems, more complex electrical and mechanical components and three-phase electricity. Design, construct and trouble-shoot advanced equipment. FA, SP

Pre-Reqs: ACR0002
Conc-Reqs: ACR0742L

ACR0742L Commercial Refrigeration II Lab, 2.0 voc hrs
A study of larger, multiple temperature refrigeration systems, more complex electrical and mechanical components and three-phase electricity. Design, construct and trouble-shoot advanced equipment. FA, SP

Conc-Reqs: ACR0742
Lab Fees: $15.00

ACR0815 Advanced Service Practice, 1.0 voc hrs
Conglomerate of previous courses, diagnostic procedures of job entry competencies in commercial refrigeration and central residential air conditioning. FA, SP

Pre-Reqs: ACR0002
Conc-Reqs: ACR0815L

ACR0815L Advanced Service Practice Lab, 2.0 voc hrs
Conglomerate of previous courses, diagnostic procedures of job entry competencies in commercial refrigeration and central residential air conditioning. FA, SP

Conc-Reqs: ACR0815
Lab Fees: $15.00

ACR0850 Air Conditioning Wiring, 1.0 voc hrs
The student will study principles of controls and interaction of components associated with residential and light commercial air conditioning systems. The student will design, construct and troubleshoot electrical circuits as used in residential and commercial A/C systems. FA, SP

Pre-Reqs: ACR0002
Conc-Reqs: ACR0850L

ACR0850L Air Conditioning Wiring Lab, 2.0 voc hrs
The student will study principles of controls and interaction of components associated with residential and light commercial air conditioning systems. The student will design, construct and troubleshoot electrical circuits as used in residential and commercial A/C systems. FA, SP

Conc-Reqs: ACR0850
Lab Fees: $14.00

ACR0905 Dir Study Acr, 1.0-4.0 voc hrs
Directed Study in Air Conditioning/Refrigeration FA, SP, SU

ACR0949 Coop A/H/R, 1.0-4.0 voc hrs
Cooperative Education Experience in Air Conditioning/Refrigeration FA, SP, SU

AER - Automotive Service

AER0033 Shop Math, Safety and Blueprint Reading, 1.0 voc hrs
Introduction course in shop math, measurement, job safety and material processes. This course will prepare the student for many levels of high performance engine building. Hands on training of practical motor applications for measurement. Blueprint reading will also be covered with engine features.

Conc-Reqs: AER0033L

AER0033L Shop Math, Safety and Blueprint Reading Lab, 1.0 voc hrs
Introduction course in shop math, measurement, job safety and material processes. This course will prepare the student for many levels of high performance engine building. Hands on training of practical motor applications for measurement. Blueprint reading will also be covered with engine features.

Conc-Reqs: AER0033

AER0102 Engine Theory, 1.0 voc hrs
The principles of four-stroke engine designs are the foundation for this study. Two-stroke engine design is also covered. Motor application. Valve train to piston to combustion theory. Application of internal moving parts and relationships to each other are emphasized.

Conc-Reqs: AER0102L

AER0102L Engine Theory Lab, 2.0 voc hrs
The principles of four-stroke engine designs are the foundation for this study. Two-stroke engine design is also covered. Motor application. Valve train to piston to combustion theory. Application of internal moving parts and relationships to each other are emphasized.

Conc-Reqs: AER0102

AER0152 Engine Assembly and Testing, 1.0 voc hrs
The engine assembly class will allow the students to completely assemble the engine and start it up and test. Student will fit all parts, measure and check clearances, test the oiling system and lubrication

Conc-Reqs: AER0152L

AER0152L Engine Assembly and Testing Lab, 2.0 voc hrs
The engine assembly class will allow the students to completely assemble the engine and start it up and test. Student will fit all parts, measure and check clearances, test the oiling system and lubrication

Conc-Reqs: AER0152

AER0461 Chassis and Brake System, 1.0 voc hrs
This course covers the drivetrain and suspension .Having a high performance motor is one thing, if the chassis is not set up proper, the vehicle will not produce to optimum performance. This course is very important for the final outcome of high performance.

Conc-Reqs: AER0461L

AER0461L Chassis and Brake System Lab, 2.0 voc hrs
This course covers the drivetrain and suspension .Having a high performance motor is one thing, if the chassis is not set up proper, the vehicle will not produce to optimum performance. This course is very important for the final outcome of high performance.

Conc-Reqs: AER0461

AER0499 Automotive Steering, Suspension and Alignment, 1.67 voc hrs
AER 0499/0499L Automotive Steering, Suspension and Alignment and Lab 5.0 voc. crs. Prepares the student to diagnose and repair steering and suspension systems, including electronic suspensions, and 4-wheel steering systems. The most common wheel alignment techniques are taught. Hands-on experience is obtained in the live work lab. FA

Conc-Reqs: AER0499L

AER0499L Automotive Steering, Suspension and Alignment Lab, 3.33 voc hrs
Prepares the student to diagnose and repair steering and suspension systems, including electronic suspensions, and 4-wheel steering systems. The most common wheel alignment techniques are taught. Hands-on experience is obtained in the live work lab. FA

Conc-Reqs: AER0499
Lab Fees: $28.00

AER0599 Automotive Brake Systems, 1.67 voc hrs
Prepares the student to diagnose, service, and repair late model Disc and Drum braking systems and controls, including Anti-Lock Braking Systems. Hands-on experience is obtained in the live work lab. FA

Conc-Reqs: AER0599L

AER0599L Automotive Brake Systems Lab, 3.33 voc hrs
Prepares the student to diagnose, service, and repair late model Disc and Drum braking systems and controls, including Anti-Lock Braking Systems. Hands-on experience is obtained in the live work lab. FA

Conc-Reqs: AER0599
Lab Fees: $32.00

AER0608 Electronics, 1.0 voc hrs
Prepares the student to test, diagnose, and repair starting, charging and associated electrical systems. Electrical measurement and circuit tracing are stressed, along with an introduction to the operation of basic components associated with electrical and electronic systems. Components include lecture/discussion, written assignments, and hands-on experience.

Conc-Reqs: AER0608L

AER0608L Electronics Lab, 2.0 voc hrs
Prepares the student to test, diagnose, and repair starting, charging and associated electrical systems. Electrical measurement and circuit tracing are stressed, along with an introduction to the operation of basic components associated with electrical and electronic systems. Components include lecture/discussion, written assignments, and hands-on experience.

Conc-Reqs: AER0608

AER0697 Automotive Electrical and Electronic Systems, 3.33 voc hrs
Prepares the student to test, diagnose, and repair starting, charging, lighting, and associated electrical systems. Electrical measurement and circuit tracing are stressed, along with an introduction to the operation of basic components associated with electrical and electronic systems. Hands-on experience is obtained in the live work lab. SP

Conc-Reqs: AER0697L

AER0697L Automotive Electrical and Electronic Systems Lab, 6.67 voc hrs
Prepares the student to test, diagnose, and repair starting, charging, lighting, and associated electrical systems. Electrical measurement and circuit tracing are stressed, along with an introduction to the operation of basic components associated with electrical and electronic systems. Hands-on experience is obtained in the live work lab. SP

Conc-Reqs: AER0697
Lab Fees: $29.00

AER0759 Automotive Heating and Air Conditioning Systems, 1.67 voc hrs
Prepares the student to diagnose, service,and repair heating and air conditioning systems. Automatic Temperature Control systems are introduced, and refrigerant recovery procedures are taught. Hands-on experience is obtained in the live work lab. FA

Conc-Reqs: AER0759L

AER0759L Automotive Heating and Air Conditioning Systems Lab, 3.33 voc hrs
Prepares the student to diagnose, service,and repair heating and air conditioning systems. Automatic Temperature Control systems are introduced, and refrigerant recovery procedures are taught. Hands-on experience is obtained in the live work lab. FA

Conc-Reqs: AER0759
Lab Fees: $39.00

AER0811 Electronic System Management, 1.0 voc hrs
This course familiarizes the student with the theory of operation of automotive computer systems. Prepares the student to perform lab oscilloscope analysis of electronic control unit circuitry. Familiarizes the student with the theory of supercharging, and the diagnosis and repair of turbochargers. Components include lecture/discussion, written assignments, and hands-on experience.

Conc-Reqs: AER0811L

AER0811L Electronic System Management Lab, 2.0 voc hrs
This course familiarizes the student with the theory of operation of automotive computer systems. Prepares the student to perform lab oscilloscope analysis of electronic control unit circuitry. Familiarizes the student with the theory of supercharging, and the diagnosis and repair of turbochargers. Components include lecture/discussion, written assignments, and hands-on experience.

Conc-Reqs: AER0811

AER0831 Ignition Theory, 1.0 voc hrs
Familiarizes the student with the theory of operation of Engine performance systems. Prepares the student to perform diagnostics, service, and repair of the vehicle powertrain management system. Components include lecture/discussion, written assignments, and hands-on experience.

Conc-Reqs: AER0831L

AER0831L Ignition Theory Lab, 2.0 voc hrs
Familiarizes the student with the theory of operation of Engine performance systems. Prepares the student to perform diagnostics, service, and repair of the vehicle powertrain management system. Components include lecture/discussion, written assignments, and hands-on experience.

Conc-Reqs: AER0831

AER0844 Fuel Systems, 1.0 voc hrs
Most vehicles today are using an electronic fuel system management. Racing engine today are using an electronic fuel management along with normally aspirated carburetors. Turbo charging, supercharging and nitrous oxide systems are all reviewed in this course.

Conc-Reqs: AER0844L

AER0844L Fuel Systems Lab, 2.0 voc hrs
Most vehicles today are using an electronic fuel system management. Racing engine today are using an electronic fuel management along with normally aspirated carburetors. Turbo charging, supercharging and nitrous oxide systems are all reviewed in this course.

Conc-Reqs: AER0844

AER0897 Automotive Engine Performance, 3.33 voc hrs
Familiarizes the student with the theory of operation of Engine performance systems. Prepares the student to perform diagnostics, service, and repair of the vehicle powertrain management system. Hands-on experience is obtained in the live work lab. SP

Conc-Reqs: AER0897L

AER0897L Automotive Engine Performance Lab, 6.67 voc hrs
Familiarizes the student with the theory of operation of Engine performance systems. Prepares the student to perform diagnostics, service, and repair of the vehicle powertrain management system. Hands-on experience is obtained in the live work lab. SP

Conc-Reqs: AER0897
Lab Fees: $42.00

AER1001 Basic Concepts and Service Procedures, 2.0 sem hrs
Introduces the student to automotive industry practices and procedures. The vehicle basic engine service and maintenance. The student will

learn how to interpret service information, both electronic and paper-based. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1001L

AER1001L Basic Concepts and Service Procedures Lab, 2.0 sem hrs
Introduces the student to automotive industry practices and procedures. The vehicle basic engine service and maintenance. The student will learn how to interpret service information, both electronic and paper-based. Components include lecture/discussion, written assignments and hands-on experience. (FA

Conc-Reqs: AER1001
Lab Fees: $27.00

AER1198 Engine Mechanical Service and Repairs, 2.0 sem hrs
Prepares the student to diagnose and repair four, six and eight cylinder engines. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1198L

AER1198L Engine Mechanical Service and Repairs Lab, 2.0 sem hrs
Prepares the student to diagnose and repair four, six and eight cylinder engines. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1198
Lab Fees: $26.00

AER1398 Automotive Transaxles and Differentials, 2.0 sem hrs
Prepares the student to diagnose and repair automobile manual transaxles, clutches, transmissions, differentials, driveline components, hydraulic systems and four-wheel drive transfer cases. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1398L

AER1398L Automotive Transaxles and Differentials Lab, 2.0 sem hrs
Prepares the student to diagnose and repair automobile manual transaxles, clutches, transmissions, differentials, driveline components, hydraulic systems and four-wheel drive transfer cases. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1398
Lab Fees: $23.00

AER1498 Automotive Steering, Suspension and Alignment, 2.0 sem hrs
Prepares the student to diagnose and repair automobile steering and suspension systems, including electronic suspensions. The latest 4-wheel alignment techniques are taught. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1498L

AER1498L Automotive Steering, Suspension and Alignment Lab, 2.0 sem hrs
Prepares the student to diagnose and repair automobile steering and suspension systems, including electronic suspensions. The latest 4-wheel alignment techniques are taught. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1498
Lab Fees: $27.00

AER1598 Automotive Brake Systems, 2.0 sem hrs
Prepares the student to test, diagnose and repair late model automobile Disc and Drum braking systems and controls, including Anti-lock Braking Systems, TCS, and vehicle safety. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER1598L

AER1598L Automotive Brake Systems Lab, 2.0 sem hrs
Prepares the student to test, diagnose and repair late model automobile Disc and Drum braking systems and controls, including Anti-lock Braking Systems, TCS, and vehicle safety. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER1598
Lab Fees: $30.00

AER1690 Electricity/Electronics Fundamentals, 2.0 sem hrs
Prepares the student to test, diagnose and repair automotive starting, charging, lighting and associated electrical systems. Electrical measurement and circuit tracing are stressed, along with an introduction to the operation of basic components associated with vehicle electrical and electronic systems. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1690L

AER1690L Electricity/Electronics Fundamentals Lab, 2.0 sem hrs
Prepares the student to test, diagnose and repair automotive starting, charging, lighting and associated electrical systems. Electrical measurement and circuit tracing are stressed, along with an introduction to the operation of basic components associated with vehicle electrical and electronic systems. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER1690
Lab Fees: $29.00

AER1798 Automotive Heating and Air Conditioning Systems, 2.0 sem hrs
Prepares the student to test, diagnose and repair automobile heating and air conditioning systems. Automatic Temperature Control systems are introduced, and freon recovery procedures are taught. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER1798L

AER1798L Automotive Heating and Air Conditioning Systems Lab, 2.0 sem hrs
Prepares the student to test, diagnose and repair automobile heating and air conditioning systems. Automatic Temperature Control systems are introduced, and freon recovery procedures are taught. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER1798
Lab Fees: $39.00

AER2298 Automotive Automatic Transaxles and Drive Systems, 2.0 sem hrs
Prepares the student to test, diagnose and repair automobile automatic transaxles and electronic transmissions. Theories of operation, testing and diagnosis are stressed. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER2298L

AER2298L Automotive Automatic Transaxles and Drive Systems Lab, 2.0 sem hrs
Prepares the student to test, diagnose and repair automobile automatic transaxles and electronic transmissions. Theories of operation, testing and diagnosis are stressed. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER2298
Lab Fees: $34.00

AER2840 Automotive Fuel Systems, 2.0 sem hrs
Prepares the student to test, diagnose and repair electronic fuel injection systems, including Throttle Body and Multi-Point injection components associated with EFI and ECCS. Fuel injection theory is stressed, along with testing of individual components within subsystems. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER2840L

AER2840L Automotive Fuel Systems and Lab, 2.0 sem hrs
Prepares the student to test, diagnose and repair electronic fuel injection systems, including Throttle Body and Multi-Point injection components associated with EFI and ECCS. Fuel injection theory is stressed, along with testing of individual components within subsystems. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER2840
Lab Fees: $30.00

AER2841 Drivability and Dynamometer Analysis, 2.0 sem hrs
Prepares the student to diagnose drivability problems with hand-held diagnostic scanning tools. Prepares the student to diagnose driveability problems using chassis dynamometer analysis. Prepares the student to perform five-gas emissions analysis. Components include lecture/discussion, written assignments, hands-on experience and selected student troubleshooting skills testing. SP

Conc-Reqs: AER2841L

AER2841L Drivability and Dynamometer Analysis Lab, 2.0 sem hrs
Prepares the student to diagnose drivability problems with hand-held diagnostic scanning tools. Prepares the student to diagnose driveability problems using chassis dynamometer analysis. Prepares the student to perform five-gas emissions analysis. Components include lecture/discussion, written assignments, hands-on experience and selected student troubleshooting skills testing. SP

Conc-Reqs: AER2841
Lab Fees: $30.00

AER2843 Automotive Computer Systems and Supercharging, 2.0 sem hrs
Familiarizes the student with the theory of operation of automotive computer systems. Prepares the student to perform lab labscope analysis

of electronic control unit circuitry. Familiarizes the student with the theory of supercharging, and the diagnosis of turbochargers. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER2843L

AER2843L Automotive Computer Systems and Supercharging Lab, 2.0 sem hrs
Familiarizes the student with the theory of operation of automotive computer systems. Prepares the student to perform lab labscope analysis of electronic control unit circuitry. Familiarizes the student with the theory of supercharging, and the diagnosis of turbochargers. Components include lecture/discussion, written assignments and hands-on experience. FA

Conc-Reqs: AER2843
Lab Fees: $33.00

AER2850 Automotive Ignition and Emissions Control, 2.0 sem hrs
Prepares the student to test, diagnose and repair automobile electronic ignition and emissions control systems. Five-gas theory and labscope diagnosis are introduced. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER2850L

AER2850L Automotive Ignition and Emissions Control Lab, 2.0 sem hrs
Prepares the student to test, diagnose and repair automobile electronic ignition and emissions control systems. Five-gas theory and labscope diagnosis are introduced. Components include lecture/discussion, written assignments and hands-on experience. SP

Conc-Reqs: AER2850
Lab Fees: $27.00

AER2905 Directed Study in Automotive Technology, 1.0-4.0 sem hrs
Directed Study in Automotive Technology FA, SP, SU

AER2949 Cooperative Education Experience in Automotive Technology, 1.0-4.0 sem hrs
Cooperative Education Experience in Automotive Technology FA, SP, SU

AFR - Military Science

AFR1101 The Air Force Today I (General Military Course), 1.0 sem hrs
A survey course that focuses on the organizational structure and missions of Air Force organizations, officership and professionalism, and includes an introduction to communicative skills. A weekly leadership laboratory is mandatory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

AFR1111 The Air Force Today II (General Military Course), 1.0 sem hrs
Continuation of AFR 1101. A weekly leadership laboratory is mandatory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) SP

AFR2130 The Development of Air Power I (General Military Course), 1.0 sem hrs
Focuses on factors contributing to the development of air power from its earliest beginnings through two world wars, the evolution of air power concepts and doctrine and an assessment of communicative skills. A weekly leadership laboratory is mandatory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

AFR2131 The Development of Air Power II (General Military Course), 1.0 sem hrs
Continuation of AFR 2130. A weekly leadership laboratory is mandatory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) SP

AMH - History

AMH2010 United States History to 1877, 3.0 sem hrs
The political, economic, social and intellectual development of the people of the United States, from European exploration and settlement through the Civil War and Reconstruction. This course contributes to satisfying the Gordon Rule writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $7.00

AMH2020 US History 1865 to Present, 3.0 sem hrs
The political, economic, social and intellectual development of the people of the United States, from the Civil War to the present. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

AMH2042 American Social History 1860 to Present, 3.0 sem hrs
An examination of the cultural experiences, institutions and customs of American life and their effects on our common heritage, from 1860 to present times. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Co-Reqs: ENC1101

AMH2045 American Maritime History, 3.0 sem hrs
An introductory course on American maritime history, tracing the impact of seafaring Americans and their related institutions and activities on American history from pre-colonial times to the present. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Co-Reqs: ENC1101

AMH2059 The Vietnam War, 3.0 sem hrs
An introductory course on the Vietnam War, tracing the causes, and the effects of this conflict on United States and World History. The course will review the conflicts that occurred in Vietnam, from the time of French colonization to the present day. The course will also examine the ramifications that this conflict caused in the United States, and throughout the world. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101

AMH2091 Survey of African American History, 3.0 sem hrs
A historical survey of African American experiences beginning with an overview of ancient African peoples, with emphasis on the experiences of Africans and their descendants in America. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Co-Reqs: ENC1101
Lab Fees: $5.00

AMH2905 Directed Study in History, 1.0-4.0 sem hrs
Directed Study in History (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

AMH2949 Cooperative Education Experience in History, 1.0-4.0 sem hrs
Cooperative Education Experience in History FA, SP, SU

AML - English Language and Literature

AML2010 Early American Literature, 3.0 sem hrs
Representative American writers of the Colonial, Federal, Romantic and Realistic periods. Emphasis is placed upon artistic excellence and literary history. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement.

Pre-Reqs: ENC1101

AML2050 Modern American Literature, 3.0 sem hrs
A survey of American writers covering roughly 1900-1950, emphasizing the modernist movement. Representative authors may include Faulkner, Hemingway, Fitzgerald, O'Neill, Cummings, Frost, Eliot, Pound. This course contributes to satisying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Pre-Reqs: ENC1101
Lab Fees: $15.00

AML2060 Contemporary American Literature, 3.0 sem hrs
A survey of American writers of the last fifty to sixty years, since 1950, including attention to postmodernist literature. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Pre-Reqs: ENC1101
Lab Fees: $15.00

AML2260 Southern Literature, 3.0 sem hrs
A survey of representative Southern American writers incorporating selected readings from novelists, poets and playwrights. Emphasis on style, themes and regional uniqueness.

Pre-Reqs: ENC1101

AML2600 Introduction to African American Literature, 3.0 sem hrs
A survey of the African American history tradition from the eighteenth century to the present as reflected in a variety of oral and written traditions: songs, speeches, poetry, short-fiction, novels, drama, autobiographies, journals and letters. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Pre-Reqs: ENC1101
Lab Fees: $15.00

ANT - Anthropology

ANT2000 Introduction to Anthropology, 3.0 sem hrs
A survey course including the subfields of linguistics, archaeology, cultural and physical anthropology. FA, SP, SU

Co-Reqs: ENC1101

ANT2905 Directed Study in Anthropology, 3.0 sem hrs
Directed Study in Anthropology FA, SP, SU

ANT2949 Cooperative Education Experience in Anthropology, 3.0 sem hrs
Cooperative Education Experience in Anthropology FA, SP, SU

APA - Accounting

APA1111 Computerized Accounting/Bookkeeping I, 4.0 sem hrs
The recording of business transactions; organization of ledgers, trial balances and worksheets; and adjusting and closing entries. Manual preparation of financial statements. Using accounting software to enter data, generate reports, and prepare financial statements. FA, SP, SU

Lab Fees: $13.00

APA1121 Computerized Accounting/Bookkeeping II, 4.0 sem hrs
Principles and procedures for establishing, maintaining and summarizing financial records. Payroll procedures and closing books, both manually and on the computer. (Prerequisite APA 1111 or permission of chairperson.) FA, SP

Pre-Reqs: APA1111
Lab Fees: $13.00

APA1711 Computer Spreadsheet, 3.0 sem hrs
Introduction in using computerized spreadsheets for beginning spreadsheet students. This course provides instruction in comprehensive concepts and techniques of spreadsheet applications used in the field of business. Basic topics are covered as well as additional topics including macros, PivotCharts and other worksheet design techniques. FA, SP, SU

Lab Fees: $13.00

APA2905 Directed Study in Accounting, 1.0-4.0 sem hrs
Practical applications of the techniques and practices of the accountant at work. FA, SP, SU

Pre-Reqs: ACG2071
Lab Fees: $13.00

APA2949 Cooperative Education Experience in Accounting/Bookkeeping, 1.0-4.0 sem hrs
Cooperative Education Experience in Accounting/ Bookkeeping FA,SP, SU

ARH - Art

ARH1000 Art Appreciation, 3.0 sem hrs
A foundation for understanding the visual arts. This course contributes to satisfying the Gordon Rule requirement. FA, SP, SU

Co-Reqs: ENC1101

ARH2050 Introduction to the History and Criticism of Art I, 3.0 sem hrs
Survey and criticism of ancient, medieval, Renaissance and contemporary art and architecture; relation of styles to cultural context. FA, SP

Co-Reqs: ENC1101

ARH2051 Introduction to the History and Criticism of Art II, 3.0 sem hrs
Relation of artistic styles to cultural context. Survey and criticism of Renaissance, Baroque and contemporary art and architecture. FA, SP

Co-Reqs: ENC1101

ARH2905 Directed Study in Art History, 1.0-4.0 sem hrs
Directed Study in Art History. FA, SP. SU

ARR - Automotive Collision

ARR0121 Introduction to Refinishing, 2.0 voc hrs
Students will be introduced to the theory of operating today s high tech refinish equipment. Students will learn the proper application of today s refinish materials, while adhering to personal and refinish safety techniques. FA

Conc-Reqs: ARR0121L

ARR0121L Introduction to Refinishing Lab, 2.0 voc hrs
Students will be introduced to the theory of operating today s high tech refinish equipment. Students will learn the proper application of today s refinish materials, while adhering to personal and refinish safety techniques. FA

Conc-Reqs: ARR0121
Lab Fees: $84.00

ARR0122 Auto Refinishing II, 2.0 voc hrs
Students are Introduced to finish identification, masking, and surface preparation. Develop proper spray gun techniques and application of corrosion protective materials. SP

Pre-Reqs: ARR0121C OR ARR0121
Conc-Reqs: ARR0122L

ARR0122L Auto Refinishing II Lab, 2.0 voc hrs
Students are Introduced to finish identification, masking, and surface preparation. Develop proper spray gun techniques and application of corrosion protective materials. SP

Conc-Reqs: ARR0122C OR ARR0122
Lab Fees: $84.00

ARR0123 Auto Refinishing III, 2.0 voc hrs
Students will be demonstrating advanced refinish techniques, color theory and perform tinting and blending procedures. Students will also develop skills in refinish defect removal and final detailing techniques. FA

Pre-Reqs: ARR0122C OR ARR0122
Conc-Reqs: ARR0123L

ARR0123L Auto Refinishing III Lab, 2.0 voc hrs
Students will be demonstrating advanced refinish techniques, color theory and perform tinting and blending procedures. Students will also develop skills in refinish defect removal and final detailing techniques. FA

Conc-Reqs: ARR0123
Lab Fees: $99.00

ARR0241 Introduction to Collision Repair, 2.0 voc hrs
Students will learn vehicle construction, terminology and collision energy management of today s high tech vehicles. Students will develop understanding of repair vs. replacement techniques, and the basics of collision estimating. Students will also learn basic industry welding techniques. FA

Conc-Reqs: ARR0241L

ARR0241L Introduction to Collision Repair Lab, 2.0 voc hrs
Students will learn vehicle construction, terminology and collision energy management of today s high tech vehicles. Students will develop understanding of repair vs. replacement techniques, and the basics of collision estimating. Students will also learn basic industry welding techniques. FA

Conc-Reqs: ARR0241
Lab Fees: $79.00

ARR0242 Collision Repair II, 2.0 voc hrs
Covering frontal impact analysis, students learn vital repair / replacement decisions. Developing repair plans and proper removal / replacement procedures. This class also covers function and fit of exterior panels. SP

Pre-Reqs: ARR0241C OR ARR0241
Conc-Reqs: ARR0242L

ARR0242L Collision Repair II Lab, 2.0 voc hrs
Covering frontal impact analysis, students learn vital repair / replacement decisions. Developing repair plans and proper removal / replacement procedures. This class also covers function and fit of exterior panels. SP

Conc-Reqs: ARR0242
Lab Fees: $91.00

ARR0243 Collision Repair III, 2.0 voc hrs
Students develop skills in vehicle mechanical system analysis, effects of side and rear impacts, restraint systems and cosmetic straightening of steel. FA

Pre-Reqs: ARR0242C OR ARR0242
Conc-Reqs: ARR0243L

ARR0243L Collision Repair III Lab, 2.0 voc hrs
Students develop skills in vehicle mechanical system analysis, effects of side and rear impacts, restraint systems and cosmetic straightening of steel. FA

Conc-Reqs: ARR0243
Lab Fees: $99.00

ARR0244 Basic Collision and Refinishing Overview (Work On Your Own Car), 2.0 voc hrs
This advanced course takes students through the art of plastic repair, replacement of vehicle components, to the new technology of adhesive bonding for panel replacement.

Conc-Reqs: ARR0244L

ARR0244L Basic Collision and Refinishing Overview (Work On Your Own Car) Lab, 2.0 voc hrs
This advanced course takes students through the art of plastic repair, replacement of vehicle components, to the new technology of adhesive bonding for panel replacement.

Conc-Reqs: ARR0244
Lab Fees: $62.00

ARR0294 Electrical, Glass and Trim, 2.0 voc hrs
Students will develop basic skills in electrical analysis, and proper glass adjustment and installation. Also, learn interior and exterior trim and molding removal and replacement techniques. FA

Conc-Reqs: ARR0294L

ARR0294L Electrical, Glass and Trim Lab, 2.0 voc hrs
Students will develop basic skills in electrical analysis, and proper glass adjustment and installation. Also, learn interior and exterior trim and molding removal and replacement techniques. FA

Conc-Reqs: ARR0294
Lab Fees: $69.00

ARR0376 Advanced Vehicle Components, 1.33 voc hrs
Analyzing today␣s suspension system is very complex. Students will learn the different designs and have the ability to diagnose suspension angles and understand wheel alignments. This course also enables students to analyze and repair safety restraint system and airbag systems. FA, SP

Pre-Reqs: ARR0243 OR ARR0243C
Conc-Reqs: ARR0376L

ARR0376L Advanced Vehicle Components Lab, 1.34 voc hrs
Analyzing today␣s suspension system is very complex. Students will learn the different designs and have the ability to diagnose suspension angles and understand wheel alignments. This course also enables students to analyze and repair safety restraint system and airbag systems. FA, SP

Conc-Reqs: ARR0376
Lab Fees: $29.00

ARR0381 Introduction to Unibody and Frame, 2.0 voc hrs
Introductory instruction in the diagnosis and measurement of damaged unibody and frame-type vehicles. Training in frame straightening techniques and related tasks. FA

Conc-Reqs: ARR0381L

ARR0381L Introduction to Unibody and Frame Lab, 2.0 voc hrs
Introductory instruction in the diagnosis and measurement of damaged unibody and frame-type vehicles. Training in frame straightening techniques and related tasks. FA

Conc-Reqs: ARR0381
Lab Fees: $41.00

ARR0382 Unibody and Frame II, 2.0 voc hrs
Students will learn advanced skill development in replacement of structural components. This course takes students through the theory to hands-on unibody and frame set-up and pulls to return vehicle dimensions to manufacturer specifications. Instruction also includes structural welding techniques. SP

Pre-Reqs: ARR0381C OR ARR0381
Conc-Reqs: ARR0382L

ARR0382L Unibody and Frame II Lab, 2.0 voc hrs
Students will learn advanced skill development in replacement of structural components. This course takes students through the theory to hands-on unibody and frame set-up and pulls to return vehicle dimensions to manufacturer specifications. Instruction also includes structural welding techniques. SP

Conc-Reqs: ARR0382
Lab Fees: $74.00

ARR0383 Unibody and Frame III, 2.0 voc hrs
This course takes students into full frame sectioning and replacement through to structural aluminum design and repair. Highlights are actually setting up and measuring unibody and full frame vehicles, and developing advanced skills to be utilized in the industry. SP

Pre-Reqs: ARR0382C OR ARR0382
Conc-Reqs: ARR0383L

ARR0383L Unibody and Frame III Lab, 2.0 voc hrs
This course takes students into full frame sectioning and replacement through to structural aluminum design and repair. Highlights are actually setting up and measuring unibody and full frame vehicles, and developing advanced skills to be utilized in the industry. SP

Conc-Reqs: ARR0383
Lab Fees: $84.00

ARR0905 Directed Study in Automotive Body Repair and Refinishing, 1.0-4.0 voc hrs
Directed Study in Automotive Repair and Refinishing. FA, SP, SU

ARR0949 Cooperative Education Experience in Automotive Body Repair and Refinishing, 1.0-4.0 voc hrs
Cooperative Education Experience in Automotive Body Repair and Refinishing FA, SP, SU

ART - Art

ART1201 Design I, 2.0 sem hrs
Studio assignments concerned with basic art fundamentals: line, color, shape, value and texture in organization of two-dimensional surface. Four studio hours. FA.

Conc-Reqs: ART1201L

ART1201L Design I Lab, 1.0 sem hrs
Studio assignments concerned with basic art fundamentals: line, color, shape, value and texture in organization of two-dimensional surface. Four studio hours. FA, SP

Conc-Reqs: ART1201

ART1203 Design II, 2.0 sem hrs
Studio problems relating basic art fundamentals of three-dimensional forms. Four studio hours per week. SP

Pre-Reqs: ART1201C OR ART1201
Conc-Reqs: ART1203L

ART1203L Design II Lab, 1.0 sem hrs
Studio problems relating basic art fundamentals of three-dimensional forms. Four studio hours per week. FA, SP

Conc-Reqs: ART1203

ART1300 Drawing I, 2.0 sem hrs
ART 1300/1300L is a traditional, beginning drawing class which teaches the fundamental skills needed for representational/objective drawing from life. Open to all students. Four studio hours. FA, SP, SU

Conc-Reqs: ART1300L

ART1300L Drawing I Lab, 1.0 sem hrs
ART 1300/1300L is a traditional, beginning drawing class which teaches the fundamental skills needed for representational/objective drawing from life. Open to all students. Four studio hours. FA, SP, SU

Conc-Reqs: ART1300

ART1301 Drawing II, 2.0 sem hrs
Drawing II is a continuation of the skill development begun in ART 1300/1300L. New materials, idea development and composition are stressed in the production of a portfolio. Four studio hours. FA, SP, SU

Pre-Reqs: ART1300C OR ART1300
Conc-Reqs: ART1301L

ART1301L Drawing II Lab, 1.0 sem hrs
Drawing II is a continuation of the skill development begun in ART 1300/1300L. New materials, idea development and composition are stressed in the production of a portfolio. Four studio hours. FA, SP, SU

Conc-Reqs: ART1301

ART1331 Drawing III, 2.0 sem hrs
The study of the human figure in drawing through the use of live models. Four studio hours. May be repeated one time for credit. FA, SP

Pre-Reqs: ART1301C OR ART1301
Conc-Reqs: ART1331L

ART1331L Drawing III Lab, 1.0 sem hrs
The study of the human figure in drawing through the use of live models. Four studio hours. May be repeated one time for credit. FA, SP

Conc-Reqs: ART1331
Lab Fees: $30.00

ART1500 Painting I, 2.0 sem hrs
An introduction to opaque painting. Emphasis on the fundamentals of technique, color and equipment. Four studio hours. FA, SP, SU

Conc-Reqs: ART1500L

ART1500L Painting I Lab, 1.0 sem hrs
An introduction to opaque painting. Emphasis on the fundamentals of technique, color and equipment. Four studio hours. FA, SP, SU

Conc-Reqs: ART1500

ART1501 Painting II, 2.0 sem hrs
Continuation of ART 1500 with emphasis on composition, elements of design and the development of work in a series. May be repeated one time for credit. Four studio hours. FA, SP, SU

Pre-Reqs: ART1500C OR ART1500
Conc-Reqs: ART1501L

ART1501L Painting II Lab, 1.0 sem hrs
Continuation of ART 1500 with emphasis on composition, elements of design and the development of work in a series. May be repeated one time for credit. Four studio hours. FA, SP, SU

Conc-Reqs: ART1501

ART1754 Pottery Handbuilding I, 2.0 sem hrs
Introduction to ceramic design. Emphasizing basic hand building, glazing and firing techniques. Four studio hours. FA, SP

Conc-Reqs: ART1754L

ART1754L Pottery Handbuilding I Lab, 1.0 sem hrs
Introduction to ceramic design. Emphasizing basic hand building, glazing and firing techniques. Four studio hours. FA, SP

Conc-Reqs: ART1754
Lab Fees: $27.00

ART1772 Raku Pottery I, 2.0 sem hrs
Introduction to ceramic design using the low fire raku pottery process. Basic hand building, glazing and firing techniques will be taught. FA, SP

Conc-Reqs: ART1772L

ART1772L Raku Pottery I Lab, 1.0 sem hrs
Introduction to ceramic design using the low fire raku pottery process. Basic hand building, glazing and firing techniques will be taught. SP

Conc-Reqs: ART1772
Lab Fees: $27.00

ART2400 Printmaking I, 2.0 sem hrs
A survey of relief, intaglio and monotype printmaking techniques, including linocut, woodcut, collagraph and etching. May be repeated one time for credit. Four studio hours. FA, SP

Conc-Reqs: ART2400L

ART2400L Printmaking Lab, 1.0 sem hrs
A survey of relief, intaglio and monotype printmaking techniques, including linocut, woodcut, collagraph and etching. May be repeated one time for credit. Four studio hours. FA, SP

Conc-Reqs: ART2400
Lab Fees: $15.00

ART2540 Watercolor I, 2.0 sem hrs
An introduction to transparent watercolor painting. Emphasis on use of color, technique and equipment. Four studio hours. FA, SP

Conc-Reqs: ART2540L

ART2540L Watercolor I Lab, 1.0 sem hrs
An introduction to transparent watercolor painting. Emphasis on use of color, technique and equipment. Four studio hours. FA, SP

Conc-Reqs: ART2540

ART2551 Airbrush Techniques, 2.0 sem hrs
The art, history and techniques of the airbrush. Four studio hours. FA, SP

Conc-Reqs: ART2551L

ART2551L Airbrush Techniques Lab, 1.0 sem hrs
The art, history and techniques of the airbrush. Four studio hours. FA, SP

Conc-Reqs: ART2551

ART2701 Sculpture I, 2.0 sem hrs
Introduction to three dimensional space and mass using wood, clay, plaster and other materials. Four studio hours. FA, SP

Conc-Reqs: ART2701L

ART2701L Sculpture I Lab, 1.0 sem hrs
Introduction to three dimensional space and mass using wood, clay, plaster and other materials. Four studio hours. FA, SP

Conc-Reqs: ART2701
Lab Fees: $10.00

ART2702 Sculpture II, 2.0 sem hrs
Continuation and refinement of Sculpture I processes. May be repeated one time for credit. Four studio hours. SP

Pre-Reqs: ART2701C OR ART2701
Conc-Reqs: ART2702L

ART2702L Sculpture II Lab, 1.0 sem hrs
Continuation and refinement of Sculpture I processes. May be repeated one time for credit. Four studio hours. SP

Conc-Reqs: ART2702
Lab Fees: $10.00

ART2710 Stone Carving, 2.0 sem hrs
This is an introductory course in subtractive sculpture which builds foundation skills in stone carving and other processes. NOTE: This course may be accepted for transfer credit at the discretion of the receiving institution. Four studio hours. FA, SP

Conc-Reqs: ART2710L

ART2710L Stone Carving Lab, 1.0 sem hrs
This is an introductory course in subtractive sculpture which builds foundation skills in stone carving and other processes. NOTE: This course may be accepted for transfer credit at the discretion of the receiving institution. Four studio hours. FA, SP

Conc-Reqs: ART2710
Lab Fees: $10.00

ART2752 Pottery Wheelthrowing I, 2.0 sem hrs
Introduction to wheel-thrown pottery. Basic principles and development of skills on the potter s wheel. Simple forming, glazing and firing techniques. Four studio hours. FA, SP

Conc-Reqs: ART2752L

ART2752L Pottery Wheelthrowing I Lab, 1.0 sem hrs
Introduction to wheel-thrown pottery. Basic principles and development of skills on the potter s wheel. Simple forming, glazing and firing techniques. Four studio hours. FA, SP

Conc-Reqs: ART2752
Lab Fees: $27.00

ART2759 Ceramic Studio I, 1.0 sem hrs
An advanced course in ceramics for art majors specializing in ceramics. FA, SP

Pre-Reqs: ART1754C OR ART2752 OR ART1754
Lab Fees: $10.00

ART2834 Museum and Gallery Practices, 1.0 sem hrs
This course covers basic museum principles and techniques and includes an overview of collections care and management, installation and design of exhibitions, exhibitions and publications research, education and interpretation, marketing and conservation. Students undertake production role duties in a variety of museum operational areas. Formal instruction is supplemented by demonstration with hands-on learning and participation under the direction of placement supervisors. FA, SP

Pre-Reqs: PGY2000 OR ARH2050 OR ARH2051
Conc-Reqs: ART2834L

ART2834L Museum and Gallery Practices Lab, 2.0 sem hrs
This is the concurrent lab for ART 2834. This course covers basic museum principles and techniques and includes an overview of collections care and management, installation and design of exhibitions, exhibitions and publications research, education and interpretation, marketing and conservation. Students undertake production role duties in a variety of museum operational areas. Formal instruction is supplemented by demonstration with hands-on learning and participation under the direction of placement supervisors. FA, SP

Conc-Reqs: ART2834

ART2905 Directed Study in Art, 1.0-4.0 sem hrs
Directed Study in Art FA, SP, SU

ART2949 Cooperative Education Experience in Art, 1.0-4.0 sem hrs
Cooperative Education Experience in Art FA, SP, SU

ASL - Foreign Language (American Sign Language and Interpreting)

ASL2140 American Sign Language I, 3.0 sem hrs
An introduction to American Sign Language vocabulary and structure as used by deaf adults. Emphasis will also be placed on the history and culture of deafness in America. This course would be beneficial to any person working with the deaf in education, nursing, medicine, business, pre-law, physical education and technical-occupational skills. This course meets the Daytona State foreign language requirement. FA, SP, SU

Conc-Reqs: ASL2140L

ASL2140L American Sign Language I Lab, 1.0 sem hrs
This course meets the Daytona State foreign language requirement. FA, SP, SU

Conc-Reqs: ASL2140
Lab Fees: $10.00

ASL2150 American Sign Language II, 3.0 sem hrs
This course meets the Daytona State foreign language requirement. FA, SP, SU

Pre-Reqs: SPA2612L AND SPA2612 OR ASL2140L AND ASL2140
Conc-Reqs: ASL2150L

ASL2150L American Sign Language II Lab, 1.0 sem hrs
This course is designed to reinforce in a lab setting material presented in SPA 2613. Students will have directed practice utilizing audiovisual materials emphasizing intermediate level expressive and receptive conversational practice. This course meets the Daytona State foreign language requirement. FA, SP, SU

Conc-Reqs: ASL2150
Lab Fees: $10.00

ASL2160 American Sign Language III, 3.0 sem hrs
This is an advanced course in American Sign Language for students who have previous course work in Signed English or other manual communication systems, but have no extensive background in grammatical structure and regional idiomatic usage of American Sign

Language. The production of non-voiced, conversational, spontaneous signed sentences is the main objective, but continued emphasis of the ability to   read   signed phrases and sentences will also be an integral part of this course. FA

Pre-Reqs: SPA2613L AND SPA2613 OR ASL2150 AND ASL2150L
Conc-Reqs: ASL2160L

ASL2160L American Sign Language III Lab, 1.0 sem hrs
This laboratory course is designed to reinforce material presented in American Sign Language III, through the use of directed practice with audiovisual materials. FA

Pre-Reqs: SPA2613L AND SPA2613 OR ASL2150
Conc-Reqs: ASL2160
Lab Fees: $12.00

ASL2200 American Sign Language IV, 3.0 sem hrs
This is an advanced course for students who have previous course work in ASL, or other manual communication systems, and who require additional background in the physical characteristics, grammatical structure, regional and idiomatic usages of American Sign Language. SP

Pre-Reqs: SPA2614L AND SPA2614 OR ASL2160L AND ASL2160
Conc-Reqs: ASL2200L

ASL2200L American Sign Language IV Lab, 1.0 sem hrs
The lab offers a practice component to develop advanced interpreting skills. Course practice materials will parallel theoretical models introduced in SPA 2613. SP

Pre-Reqs: SPA2614L AND SPA2614 OR ASL2160
Conc-Reqs: ASL2200
Lab Fees: $10.00

AST - Astronomy

AST1002 Astronomy, 3.0 sem hrs
A survey of planetary, stellar and galactic astronomy; history of astronomy; and theories of the universe. Optional observing sessions may be held if the weather permits. Pre or corequisites : ENC 1101 and MAT 1033 FA, SP, SU

Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023

AST2905 Directed Study in Astronomy, 1.0-3.0 sem hrs
Directed Study in Astronomy FA, SP, SU

Co-Reqs: ENC1101 AND MAT1033

BCA - Building Construction (Apprenticeship)

BCA0330 Electrical Academy Union Apprentice I, 3.3 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge of basic electricity, its uses and installation methods, Community First Aid & Safety, and DC Theory.

BCA0330L Electrical Academy Union Apprentice I Lab-OJT, 22.66 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge of basic electricity, its uses and installation methods, Community First Aid & Safety, and DC Theory.

BCA0331L Electrical Academy Union Apprentice 2 Lab-OJT, 22.66 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge of job safety and OSHA, basic wiring, electrical equipment, recognition and use of electrical materials, and basic blueprint reading.

BCA0332L Electrical Academy Union Apprentice 3 Lab-OJT, 21.33 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge gained in class related instruction and knowledge gained on-the-job.

BCA0333 Electrical Academy Union Apprentice 4, 3.3 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in resistors, inductors, capacitors, transformers, and vectors.

BCA0333L Electrical Academy Union Apprentice 4 Lab-OJT, 22.66 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge of resistors, inductors, capacitors, transformers, and vectors.

BCA0334 Electrical Academy Union Apprentice 5, 3.3 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in AC Theory and how to relate the theory to everyday jobsite installations, How to interpret the National Electrical Code for jobsite installations, Understanding basic Transformer operation, and CPR review.

BCA0334L Electrical Academy Union Apprentice 5 Lab-OJT, 22.66 voc hrs
Course designed for electrical union apprenticeship students to apply competencies in advanced electrical theory and DC and AC complex circuits and their relationship to practical applications.

BCA0335L Electrical Academy Union Apprentice 6 Lab-OJT, 21.33 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge gained in class related instruction and knowledge gained on-the-job.

BCA0336 Electrical Academy Union Apprentice 7, 3.3 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in grounding and bonding of electrical equipment, the National Electrical Code book and the related theory as to how it relates to electrical installations, How to use the proper test instruments,

BCA0336L Electrical Academy Union Apprentice 7 Lab-OJT, 22.66 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in grounding and bonding of electrical equipment, the National Electrical Code book and the related theory as to how it relates to electrical installations, and how to use the proper test instruments.

BCA0337 Electrical Academy Union Apprentice 8, 3.3 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in understanding Transformers, Fire Alarm Systems, Telephone and Security Basics, and Structured Cabling Basics.

BCA0337L Electrical Academy Union Apprentice 8 Lab-OJT, 22.66 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in understanding Transformers, Fire Alarm Systems, Telephone and Security Basics, and Structured Cabling Basics.

BCA0338 Electrical Academy Union Apprentice 9, 3.3 voc hrs
Course designed for students (soon to be journeyman) to develop skills required to install lightning protection, motors and motor controls. Develop an understanding of building automation control devices. Introduction to photovoltaic systems, power quality and distributed generation.

BCA0338L Electrical Academy Union Apprentice 9 Lab-OJT, 21.33 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge gained in class related instruction and knowledge gained on-the-job

BCA0339 Electrical Academy Union Apprentice 10, 3.3 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in advanced electricity, its uses and installation, methods including raceways, wiring, and electrical equipment.

BCA0339L Electrical Academy Union Apprentice 10 Lab-OJT, 22.66 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge of advanced electricity, its uses and installation, methods including raceways, wiring, and electrical equipment.

BCA0340L Electrical Apprentice 9 Lab-OJT (Non-Union), 21.33 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge gained in class related instruction and knowledge gained on-the-job.

BCA0341 Electrical Apprentice 10 (Non-Union), 3.3 voc hrs
Course designed for electrical non-union apprenticeship students to develop competencies in advanced electricity, its uses and installation, methods including raceways, wiring, and electrical equipment.

Conc-Reqs: BCA0341L

BCA0341L Electrical Apprentice 10 Lab-OJT (Non-Union), 22.66 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge of advanced electricity, its uses and installation, methods including raceways, wiring, and electrical equipment.

Conc-Reqs: BCA0341

BCA0342 Electrical Apprentice 11 (Non-Union), 3.3 voc hrs
Course designed for electrical non-union apprenticeship students to develop competencies in electricity, its uses and installation, motors, motor controls, transformers, safety and effective foremanship associated with the electrical industry.

Conc-Reqs: BCA0342L

BCA0342L Electrical Apprentice II Lab-OJT (Non-Union), 22.66 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge of advanced electricity, its uses and installation, motors, motor controls, transformers, safety and effective foremanship associated with the electrical industry.

Conc-Reqs: BCA0342

BCA0343 Electrical Apprentice 12 (Union), 3.3 voc hrs
Students gain knowledge in metal cutting, grinding and welding.

BCA0343L Electrical Apprentice 12 Lab-OJT (Non-Union), 21.33 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge gained in class related instruction and knowledge gained on-the-job.

BCA0350 Electrical Apprentice I (Non-Union), 3.3 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge of basic electricity, its uses and installation methods, Community First Aid & Safety, and DC Theory.

Conc-Reqs: BCA0350L

BCA0350L Electrical Apprentice I Lab-OJT (Non-Union), 22.66 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge of basic electricity, its uses and installation methods, Community First Aid & Safety, and DC Theory.

Conc-Reqs: BCA0350

BCA0351 Electrical Apprentice 2 (Non-Union), 3.3 voc hrs
Course designed for electrical non-union apprenticeship students to develop competencies in job safety and OSHA, basic wiring, electrical equipment, recognition and use of electrical materials, and basic blueprint symbols.

Conc-Reqs: BCA0351L

BCA0351L Electrical Apprentice 2 Lab-OJT (Non-Union), 22.66 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge of job safety and OSHA, basic wiring, electrical equipment, recognition and use of electrical materials, and basic blueprint reading.

Conc-Reqs: BCA0351

BCA0352L Electrical Apprentice 3 Lab-OJT (Non-Union), 21.33 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge gained in class related instruction and knowledge gained on-the-job.

BCA0353 Electrical Apprentice 4 (Non-Union), 3.3 voc hrs
Course designed for electrical non-union apprenticeship students to develop competencies in resistors, inductors, capacitors, transformers, and vectors.

Conc-Reqs: BCA0353L

BCA0353L Electrical Apprentice 4 Lab-OJT (Non-Union), 22.66 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge of resistors, inductors, capacitors, transformers, and vectors.

Conc-Reqs: BCA0353

BCA0354 Electrical Apprentice 5 (Non-Union), 3.3 voc hrs
Course designed for electrical non-union apprenticeship students to develop competencies in florescent, HID lights, and lighting calculations, breakers/fuses, panels/switchgear, voltagedrop calculations, wire pulling tension calculations, GFI operations, and CPR review.

Conc-Reqs: BCA0354L

BCA0354L Electrical Apprentice 5 Lab-OJT (Non-Union), 22.66 voc hrs
Course designed for electrical non-union apprenticeship students to apply competencies in advanced electrical theory and DC and AC complex circuits and their relationship to practical applications.

Conc-Reqs: BCA0354

BCA0355L Electrical Apprentice 6 Lab-OJT (Non-Union), 21.33 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge gained in class related instruction and knowledge gained on-the-job.

BCA0356 Electrical Apprentice 7 (Non-Union), 3.3 voc hrs
Course designed for electrical non-union apprenticeship students to develop competencies in fire alarm systems, the National Electrical Code book and the related theory as to how it intertwines with the industry, basic hazardous locations, and understanding auxiliary power systems.

Conc-Reqs: BCA0356L

BCA0356L Electrical Apprentice 7 Lab-OJT (Non-Union), 22.66 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge of fire alarms, the National Electrical Code book and related theory as to how it intertwines with the industry, basic hazardous locations, and understanding auxiliary power systems.

Conc-Reqs: BCA0356

BCA0357 Electrical Apprentice 8 (Non-Union), 3.3 voc hrs
Course designed for electrical non-union apprenticeship students to develop competencies in understanding auxiliary power systems, generators, special occupancies, special equipment, and special conditions.

Conc-Reqs: BCA0357L

BCA0357L Electrical Apprentice 8 Lab-OJT (Non-Union), 22.66 voc hrs
Course designed for electrical non-union apprenticeship students to apply knowledge of auxiliary power systems, generators, special occupancies, special equipment, and special conditions.

Conc-Reqs: BCA0357

BCA0390 Electrical Academy Union Apprentice 11, 3.3 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in utilizing the National Electrical Code in day to day electrical installations. Become familiar with the articles and sections of the NEC when preparing for the Journeyman Block Exam. Perform electrical calculations. Review Hazardous Locations. Understand general requirements for electrical installations in Health Care Facilities.

BCA0390L Electrical Academy Union Apprentice 11 Lab-OJT, 22.66 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in utilizing the National Electrical Code in day to day electrical installations. Become familiar with the articles and sections of the NEC when preparing for the Journeyman Block Exam.

Perform electrical calculations. Review Hazardous Locations. Understand general requirements for electrical installations in Health Care Facilities.

BCA0391 Electrical Academy Union Apprentice 12, 3.3 voc hrs
Course designed for electrical union apprenticeship students to develop competencies in utilizing the National Electrical Code in day to day electrical installations. Become familiar with the articles and sections of the NEC when preparing for the Journeyman Block Exam. Perform electrical calculations. Review Hazardous Locations. Understand general requirements for electrical installations in Health Care Facilities.

BCA0391L Electrical Academy Union Apprentice 12 Lab-OJT, 21.33 voc hrs
Course designed for electrical union apprenticeship students to apply knowledge gained in class related instruction and knowledge gained on-the-job.

BCA0431 Plumbing Apprentice 11, 4.1 voc hrs
Students gain knowledge of sizing water supply and drainage systems along with fixture demand and code requirements. Students learn control theory is applied to operating systems and types of control application are covered in detail. Students also, learn electrical theory and intermediate commercial refrigeration.

Conc-Reqs: BCA0431L

BCA0431L Plumbing Apprentice 11 Lab, 22.66 voc hrs
Students apply knowledge of sizing water supply and drainage systems along with fixture demand and code requirements. Students learn control theory is applied to operating systems and types of control application are covered in detail. Students also, learn electrical theory and intermediate commercial refrigeration.

Conc-Reqs: BCA0431

BCA0432 Plumbing Apprentice 12, 4.1 voc hrs
Students will gain knowledge of compressed air piping systems, corrosive resistant waste piping, medical gas piping, and private waste disposal and water supply systems. Students will understand the components of installing swimming pools and hot tubs. Also, students will be able to identify the interior finish of doors and windows, wall and floor specialties, as well as cabinetry parts, woodworking joints, fasteners and laminates. Students learn about combustion controls and hermetic compressor burnouts.

Conc-Reqs: BCA0432

BCA0432L Plumbing Apprentice 12 Lab, 22.66 voc hrs
Students will install compressed air piping systems, corrosive resistant waste piping, medical gas piping, and private waste disposal and water supply systems. Students will demonstrate the installation of swimming pools and hot tubs. Also, students will be able to identify the interior finish of doors and windows, wall and floor specialties, as well as cabinetry parts, woodworking joints, fasteners and laminates. Students learn about and demonstrate knowledge of combustion controls and hermetic compressor burnouts.

Conc-Reqs: BCA0432

BCA0433L Plumbing Apprentice 13 Lab, 21.33 voc hrs
Course designed for the student to gain proficiency in the installation of plumbing fixtures and appliances, and review application of local plumbing codes to job situations.

BCA0434 Plumbing Apprentice 14, 4.1 voc hrs
Students gain knowledge in metal cutting, grinding and welding. Student will gain knowledge and be able to master skills with training measuring tools. Rigging is covered as a separate and distinct subject. The training segment is covered with generous amounts of shop time which is tailored to the specific needs and requirements of service journeyworkers. Related subjects such as knot tying, identification and application of various types of slings, shackles and hemp and wire rope are presented.

Conc-Reqs: BCA0434L

BCA0434L Plumbing Apprentice 14 Lab, 22.66 voc hrs
Students apply knowledge in metal cutting, grinding and welding. Student will gain knowledge and be able to master skills with training measuring tools. Rigging is covered as a separate and distinct subject. The training segment is covered with generous amounts of shop time which is tailored to the specific needs and requirements of service journeyworkers. Related subjects such as knot tying, identification and application of various types of slings, shackles and hemp and wire rope are presented.

Conc-Reqs: BCA0434

BCA0435 Plumbing Apprentice 15, 4.1 voc hrs
A review course for plumbing code, math and prepare for licensing exam.

Conc-Reqs: BCA0435

BCA0435L Plumbing Apprentice 15 Lab, 22.66 voc hrs
This course covers the provisions of the National Plumbing Code and local ordinance.

Conc-Reqs: BCA0435

BCA0450L Plumbing Apprentice 1 Lab, 21.33 voc hrs
Students demonstrate their ability to properly identify understanding of the safety of construction tools, introduction to the construction industry, math skills, and blueprint reading in order to assist plumbing journeyperson. Students also demonstrate understanding of basic electricity, refrigeration and customer service skills.

BCA0451 Plumbing Apprentice 2, 4.1 voc hrs
Students are provided: a service industry career overview; interpersonal relations perspectives; study skills; overview of safety; skills in the use and care of tools; and training in related mathematics.

Conc-Reqs: BCA0451L

BCA0451L Plumbing Apprentice 2 Lab, 22.66 voc hrs
Students demonstrate: a service industry career overview; interpersonal relations perspectives; study skills; overview of safety; skills in the use and care of tools; and training in related mathematics.

Conc-Reqs: BCA0451

BCA0452 Plumbing Apprentice 3, 4.1 voc hrs
Students gain knowledge of techniques of pipe joining, pipe cutting, pipe threading, and drawing interpretations. Students develop skills in how to do basic electricity, refrigeration, job safety, health on the job and customer service skills.

Conc-Reqs: BCA0452L

BCA0452L Plumbing Apprentice 3 Lab, 22.66 voc hrs
Students demonstrate techniques of pipe joining, pipe cutting, pipe threading, and drawing interpretations. Students demonstrate their skills in basic electricity, refrigeration, job safety, health on the job and customer service skills.

Conc-Reqs: BCA0452

BCA0453L Plumbing Apprentice 4 Lab, 21.33 voc hrs
Students will gain experience in fundamentals of the construction industry, trade math, drawings, specifications, and engineering principles. Students demonstrate understanding of background training in math and science necessary to fully understand basic fundamentals of operation of the refrigeration vapor compression cycle. Students revisit what was taught in first year in greater detail and understanding.

BCA0454 Plumbing Apprentice 5, 4.1 voc hrs
Students are taught the fundamentals of the construction industry, trade math, drawings and specifications. Students also learn conservation and safe handling of refrigerants EPA certification core type I, type II, type III and universal.

Conc-Reqs: BCA0454L

BCA0454L Plumbing Apprentice 5 Lab, 22.66 voc hrs
Students demonstrate their understanding of the fundamentals of the construction industry, trade math, drawings and specifications. Students also learn conservation and safe handling of refrigerants EPA certification core type I, type II, type III and universal.

Conc-Reqs: BCA0454

BCA0455 Plumbing Apprentice 6, 4.1 voc hrs
Students will gain knowledge in basic fixtures, valves, pneumatic and hydrostatic testing and shall be able to demonstrate setting fixtures, layout and installation of piping systems and fixtures. This course encompasses field engineering principles and forming and damp proofing. Students learn foundations for systematic troubleshooting of vapor compression systems and components are developed with an emphasis placed on working safety strategy for working in the mechanical equipment-servicing field.

Conc-Reqs: BCA0455L

BCA0455L Plumbing Apprentice 6 Lab, 22.66 voc hrs
Students demonstrate knowledge in basic fixtures, valves, pneumatic and hydrostatic testing and shall be able to demonstrate setting fixtures, layout and installation of piping systems and fixtures. This course encompasses field engineering principles and forming and damp proofing. Students demonstrate knowledge of foundations for systematic troubleshooting of vapor compression systems and components are developed with an emphasis placed on working safety strategy for working in the mechanical equipment-servicing field.

Conc-Reqs: BCA0455

BCA0456L Plumbing Apprentice 7 Lab, 21.33 voc hrs
Students will apply knowledge of proficiency in building production, stair construction and reinforcing concrete and patented forms, exterior finish and roofing applications, installations of cornices, gutter and downspouts, water pressure, shock arrestors, back flow preventors, filtering and softening water, sanitizing water supply, fixture location, piping for solar heating and natural gas fired heating unit.

BCA0457 Plumbing Apprentice 8, 4.1 voc hrs
Students will gain knowledge in the brining together the overall understanding of the operation of air conditioning and refrigeration systems. This requires that the students have a fir understanding of the principles of operation of various control schemes which are commonly encountered in the field. Students will also gain knowledge in fundamentals of stair construction, reinforcing concrete and patented forms, drawings, local plumbing code, offsets and angles, venting and waste installations. Students will develop skills needed to be introduced to the equipment necessary for installing lift stations and sump pumps.

Conc-Reqs: BCA0457L

BCA0457L Plumbing Apprentice 8 Lab, 22.66 voc hrs
Students will gain knowledge in the brining together the overall understanding of the operation of air conditioning and refrigeration systems. This requires that the students have a fir understanding of the principles of operation of various control schemes which are commonly encountered in the field. Students will gain experience and apply knowledge in the fundamentals of stair construction, reinforcing concrete and patented forms, drawings, local plumbing code, offsets and angles, venting and waste installations. Students will develop and apply skills needed. Students will be introduced to the equipment necessary for installing lift stations and sump pumps.

Conc-Reqs: BCA0457

BCA0458 Plumbing Apprentice 9, 4.1 voc hrs
Students will gain knowledge exterior finish and roofing applications, installations of water pressure, shock arrestors, back flow preventors, filtering and softening water, sanitizing water supply, fixture location, piping for solar heating and natural gas fired heating unit. Student will gain knowledge to become competent in the area of electrical component trouble-shooting and servicing HVACR systems and equipment. They will learn the importance of the role that electronic controls occupy in mechanical equipment-servicing field.

Conc-Reqs: BCA0458L

BCA0458L Plumbing Apprentice 9 Lab, 22.66 voc hrs
Students will apply knowledge of exterior finish and roofing applications, installations of water pressure, shock arrestors, back flow preventors, filtering and softening water, sanitizing water supply, fixture location, piping for solar heating and natural gas fired heating unit. Student will apply in the area of electrical component trouble-shooting and servicing HVACR systems and equipment. They will gain knowledge of the importance of the role that electronic controls occupy in mechanical equipment-servicing field.

Conc-Reqs: BCA0458

BCA0459L Plumbing Apprentice 10 Lab, 21.33-21.4 voc hrs
Students will install compressed air piping systems, corrosive resistant waste piping, medical gas piping, and private waste disposal and water supply systems. Students will demonstrate the installation of swimming pools and hot tubs. Students will learn and demonstrate knowledge of refrigeration equipment and applications such as supermarket installations, low temperature applications, compound compression systems, cascade and ultra low temperature systems. The fundamental operating concept of pneumatic controls, centrifugal and absorption cooling (lithium bromide and water-ammonia systems) is detailed.

BCH - Biochemistry

BCH3023 Introductory Biochemistry, 3.0 sem hrs
Survey of the fundamental components of biochemistry. 3 hours lecture and 3 hours lab. Pre-requisite CHM 1046. FA

Pre-Reqs: CHM1046 AND CHM1046L OR CHM1046C
Conc-Reqs: BCH3023L

BCH3023L Introductory Biochemistry Lab, 1.0 sem hrs
Lab portion: Survey of the fundamental components of biochemistry. Co-requisite: BCH 3023. FA

Pre-Reqs: CHM1046 AND CHM1046L
Conc-Reqs: BCH3023
Lab Fees: $75.00

BCN - Building Construction

BCN1210 Materials and Processes, 3.0 sem hrs
Applications and characteristics, both physical and chemical, of materials commonly used in construction and mechanical processes by which materials may be shaped or formed. FA, SP

BCN1251 Architectural Drawing I, 2.0 sem hrs
Fundamentals of construction drafting, includeng basic components of construction. Development of working drawings including plans, elevations and sections using wood and construction in accordance with building code requirements. FA, SP, SU

Conc-Reqs: BCN1251L

BCN1251L Architectural Drawing I Lab, 1.0 sem hrs
Fundamentals of construction drafting, includeng basic components of construction. Development of working drawings including plans, elevations and sections using wood and construction in accordance with building code requirements. FA, SP, SU

Conc-Reqs: BCN1251

BCN1253 Architectural Drawing II, 2.0 sem hrs
Intermediate principles of architectural drawing, space utilization, visual design and perspective. SP, SU

Pre-Reqs: BCN1251
Conc-Reqs: BCN1253L

BCN1253L Architectural Drawing II Lab, 1.0 sem hrs
Intermediate principles of architectural drawing, space utilization, visual design and perspective. SP, SU

Conc-Reqs: BCN1253

BCN2257 Architectural Detailing, 2.0 sem hrs
Architectural detailing of steel, wood and concrete systems used in light construction. SP

Conc-Reqs: BCN2257L

BCN2257L Architectural Detailing Lab, 1.0 sem hrs
Architectural detailing of steel, wood and concrete systems used in light construction. SP

Conc-Reqs: BCN2257

BCN2560 Mechanical and Electrical Equipment, 3.0 sem hrs
The study of heating, air conditioning, water supply, sanitation and electrical service and their installation. Design methods along with the operation of equipment and controls is also included. SP

BCN2905 Directed Study in Construction, 1.0-4.0 sem hrs
Directed Study in Construction FA, SP, SU

BCT - Building Construction

BCT1040 Blueprint Reading, 3.0 sem hrs
This class is a survey of the various types of drawings and other documents commonly used in the construction industry. It includes topics such as: terminology, abbreviations, symbols, notations, scales, dimensions, meanings of lines, drawing history, technical and orthographic projections, types of construction, and trade information. This class reinforces the skills of reading, writing and mathematics. FA, SP

BCT2949 Cooperative Education Experience in Construction, 1.0-4.0 sem hrs
Cooperative Education Experience in Building Construction. FA. SP, SU

BCT2990 Technical Training, 23.0 sem hrs
Students must have completed an appropriate apprenticeship or certificate program of 700 contact hours or equivalent with a GPA of 2.0 or better. Demonstrated work experience with supporting documentation equivalent to an apprenticeship or certificate may be acceptable. The certificate or apprenticeship program will be evaluated. If accepted, credit will be awarded.

BCV - Building Construction (Vocational)

BCV0020 Tools, Safety and Pre-Construction Skills, 1.0 voc hrs
Topics include the safe use of all hand and power tools, construction of saw horses, saw vises and tool box. The course also includes the uses of the framing square and a review of working drawings. FA

Conc-Reqs: BCV0020L

BCV0020L Tools, Safety and Pre-Construction Skills Lab, 2.0 voc hrs
Topics include the safe use of all hand and power tools, construction of saw horses, saw vises and tool box. The course also includes the uses of the framing square and a review of working drawings. FA

Conc-Reqs: BCV0020
Lab Fees: $30.00

BCV0050 Trade Career Path Introduction, 1.0 voc hrs
Course designed for students to apply knowledge of basic electricity, its uses and installation methods, first aid and safety, and DC theory. Students gain knowledge of fundamentals of basic safety of construction tools, basic introduction to the construction plumbing industry, math skills, blueprint reading, and basic principles skills as they relate to compression refrigeration. Tools and test equipment used to construct, charge, operate and trouble-shoot a refrigerating machine will also be covered. FA, SP

Conc-Reqs: BCV0050L

BCV0050L Trade Career Path Introduction Lab, 2.0 voc hrs
Course designed for students to apply knowledge of basic electricity, its uses and installation methods, first aid and safety, and DC theory. Students gain knowledge of fundamentals of basic safety of construction tools, basic introduction to the construction plumbing industry, math skills, blueprint reading, and basic principles skills as they relate to compression refrigeration. Tools and test equipment used to construct, charge, operate and trouble-shoot a refrigerating machine will also be covered. FA, SP

Conc-Reqs: BCV0050
Lab Fees: $30.00

BCV0103 Wood Products, Substitutes, Lumber and Building Materials, 1.0 voc hrs
Learn about the basic science, handling, and code issues of topics including wood, wood substitutes, different kinds of construction lumber, its growth and how wood finally becomes lumber. This course also includes building adhesives, their types and their applications. FA

Conc-Reqs: BCV0103L

BCV0103L Wood Products, Substitutes, Lumber and Building Materials Lab, 2.0 voc hrs
Learn about the basic science, handling, and code issues of topics including wood, wood substitutes, different kinds of construction lumber, its growth and how wood finally becomes lumber. This course also includes building adhesives, their types and their applications. FA

Conc-Reqs: BCV0103
Lab Fees: $30.00

BCV0110 Leveling Instruments, Site Preparation and Layout, 1.0 voc hrs
Topics include the importance of accurate work in laying out buildings with the use of different leveling instruments and the many aspects of site preparation and layout of buildings and houses. SP

Conc-Reqs: BCV0110L

BCV0110L Leveling Instruments, Site Preparation and Layout Lab, 2.0 voc hrs
Topics include the importance of accurate work in laying out buildings with the use of different leveling instruments and the many aspects of site preparation and layout of buildings and houses. SP

Conc-Reqs: BCV0110
Lab Fees: $30.00

BCV0134 Foundation Formwork, Wall and Floor Framing, 1.0 voc hrs
Topics include procedures necessary to make buildings and houses strong. The course also includes framing and bracing of floors and walls. FA

Conc-Reqs: BCV0134L

BCV0134L Foundation Formwork, Wall and Floor Framing Lab, 2.0 voc hrs
Topics include procedures necessary to make buildings and houses strong. The course also includes framing and bracing of floors and walls. FA

Conc-Reqs: BCV0134
Lab Fees: $30.00

BCV0140 Roof Framing I, 1.0 voc hrs
Topics include basic styles of roofs and construction and framing of a gable, hip and combination roof. SP

Conc-Reqs: BCV0140L

BCV0140L Roof Framing I Lab, 2.0 voc hrs
Topics include basic styles of roofs and construction and framing of a gable, hip and combination roof. SP

Conc-Reqs: BCV0140
Lab Fees: $30.00

BCV0141 Roof Framing II and Timber Construction, 1.0 voc hrs
This course is a continuation of Roof Framing I. Topics include layout and construction of a combination roof. FA

BCV0141L Roof Framing II and Timber Construction Lab, 2.0 voc hrs
This course is a continuation of Roof Framing I. Topics include layout and construction of a combination roof. FA

Lab Fees: $30.00

BCV0171 Interior Trim, 1.0 voc hrs
Topics include the fundamentals of wall covering, door hanging, windows, stairs and cabinets. SP

Conc-Reqs: BCV0171L

BCV0171L Interior Trim Lab, 2.0 voc hrs
Topics include the fundamentals of wall covering, door hanging, windows, stairs and cabinets. SP

Conc-Reqs: BCV0171
Lab Fees: $30.00

BCV0173 Exterior Trim and Hardware Finishes, 1.0 voc hrs
Topics include the different types of exterior finishing material and their application. The course also includes the different finish and rough hardware methods of installation, intended uses and appearances. SP

Conc-Reqs: BCV0173L

BCV0173L Exterior Trim and Hardware Finishes Lab, 2.0 voc hrs
Topics include the different types of exterior finishing material and their application. The course also includes the different finish and rough hardware methods of installation, intended uses and appearances. SP

Conc-Reqs: BCV0173
Lab Fees: $30.00

BCV0921 Carpentry Coop I, 4.0 voc hrs
This is a third semester course for Co-op Work Experience. It introduces the on-the-job work experience and hands on training in basic carpentry skills. Students will work in the construction field to receive credit for this class. FA, SP

BCV0922 Carpentry Coop II, 4.0 voc hrs
This is the fourth semester course for Carpentry Co-op Work Experience. It introduces the on-the-job work experience and hands on training in basic carpentry skills. This course will expand on the students job skills and work experience. FA, SP

BOT - Botany

BOT1010 General Botany, 3.0 sem hrs
General principles of the structural organization and function of plants emphasizing cellular structure and physiology, anatomy, genetics, growth and diversity of plants.(Pre or co-requisite ENC1101, Co-requisite BOT1010L) FA, SP

Co-Reqs: ENC1101
Conc-Reqs: BOT1010L

BOT1010L General Botany Lab, 1.0 sem hrs
General principles of the structural organization and function of plants emphasizing cellular structure and physiology, anatomy, genetics, growth and diversity of plants. FA, SP

Co-Reqs: ENC1101
Conc-Reqs: BOT1010
Lab Fees: $35.00

BOT3151 Flora of Florida's Coastal Wetlands, 4.0 sem hrs
Identification and natural history of the plants of Florida's coastal wetlands. Field and laboratory work in collection and preservation. Will involve field trips to sites in Volusia and Flagler Counties. Prerequisites: BSC1010, BOT1010) FA

Pre-Reqs: BOT1010 AND BSC1010

BSC - Biological Science

BSC1005 Survey of Biological Sciences (For Non-Science Majors), 3.0 sem hrs
A survey of topics in biology designed to meet the informational needs of the non-scientist. Coverage of topics in molecular, cellular, organismal and population biology is included. Pre or Co-requisite ENC1101 (Not intended for science, engineering or pre-professional health-related majors.) FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $15.00

BSC1005L Survey of Biological Science (For Non-Science Majors) Lab, 1.0 sem hrs
The laboratory consists of observation, demonstration and experiments which correlate with the lecture. Pre or Co-requisite ENC 1101. FA, SP, SU

Co-Reqs: BSC1005 AND ENC1101
Lab Fees: $30.00

BSC1010 General Biology I (For Science Majors), 3.0 sem hrs
Basic principles, which apply to the nature of plant and animal cells, including metabolism, reproduction, protein synthesis and genetics. Designed for Science majors.(Pre or co-requisite ENC1101, Co-requisite BSC1010L) FA, SP, SU

Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023
Conc-Reqs: BSC1010L

BSC1010L General Biology I (For Science Majors) Lab, 1.0 sem hrs
Laboratory portion covering basic principles, which apply to the nature of plant and animal cells, including metabolism, reproduction, protein synthesis and genetics. Laboratory Fee $50.00. Co-requisite BOT1010 FA, SP

Conc-Reqs: BSC1010
Lab Fees: $50.00

BSC1011 General Biology II (For Science Majors), 3.0 sem hrs
A survey of the evolution, morphology, physiology and ecology of the five kingdoms of living organisms. Designed for science majors. (Pre-requisite BSC1010, Co-requisite BSC1011L) FA, SP, SU

Pre-Reqs: BSC1010C OR BSC1010
Conc-Reqs: BSC1011L

BSC1011L General Biology II (For Science Majors) Lab, 1.0 sem hrs
Laboratory portion of BSC1011. A survey of the evolution, morphology, physiology and ecology of the five kingdoms of living organisms. Co-requisite BSC1011. Lab Fee $50.00. FA, SP, SU

Pre-Reqs: BSC1010C OR BSC1010
Conc-Reqs: BSC1011
Lab Fees: $50.00

BSC1020 Human Biology, 3.0 sem hrs
This course provides an introduction to scientific inquiry in relationship to the human body, its systems and basic functions with emphasis on homeostasis mechanisms. Not intended for science majors. (Co-requisite ENC 1101) FA, SP, SU

Co-Reqs: ENC1101

BSC1080 Basic Anatomy and Physiology for Health Careers, 3.0 sem hrs
This course guides the student in the exploration of the structure and function of the various systems of the human body as applied to certificate health programs. During the course students will explore the Internet, utilize course discussions and course mail and engage in activities, which will enable students to build a sound knowledge base that will prepare them for further studies in a variety of health care professions. Topics we will examine during the course include all of the systems of the body. FA, SP, SU

BSC1085 Human Anatomy and Physiology I, 3.0 sem hrs
Structure and function of the integumentary, skeletal, muscular and nervous systems of the human body. Course also will cover basic cytology and histology. This course is designed for students in health professions. A background in biology and chemistry strongly recommended. (Co-requisite 1085L, ENC 1101) FA, SP, SU

Co-Reqs: ENC1101
Conc-Reqs: BSC1085L

BSC1085L Human Anatomy and Physiology I Lab, 1.0 sem hrs
Structure and function of the integumentary, skeletal, muscular and nervous systems of the human body. Course also will cover basic cytology and histology. This course is designed for students in health professions. A background in biology and chemistry strongly recommended. Co-requisite BSC1085. Lab Fee $50.00. FA, SP, SU

Co-Reqs: ENC1101
Conc-Reqs: BSC1085
Lab Fees: $50.00

BSC1086 Human Anatomy and Physiology II, 3.0 sem hrs
A continuation of BSC 1085. This course covers the structure and function of the digestive, urinary, respiratory, endocrine, circulatory and reproductive systems. This course is designed for students in health professions. (Co-requisite BSC1085L) FA, SP, SU

Pre-Reqs: BSC1085
Conc-Reqs: BSC1086L

BSC1086L Human Anatomy and Physiology Lab, 1.0 sem hrs
A continuation of BSC 1085. This course covers the structure and function of the autonomic nervous system, digestive, urinary, respiratory, endocrine, circulatory and reproductive systems. This course is designed for students in health professions. FA, SP, SU

Pre-Reqs: BSC1085L
Conc-Reqs: BSC1086
Lab Fees: $50.00

BSC2905 Directed Study in Biological Sciences, 1.0-4.0 sem hrs
Directed Study in Biological Science (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

BSC2930 Biological Themes in Film, 3.0 sem hrs
An introductory course in general biology exploring the major themes of biology by analyzing their applications in science fiction films. Topics include biotechnology, evolution, conservation, and biomedical ethics. This course satisfies the General Education requirement for Biological Science. This course cannot be substituted for BSC 1010 and BSC 1011. (Co-requisiste ENC1101) FA, SP, SU

Co-Reqs: ENC1101

BUL - Business Law

BUL2241 Business Law I, 3.0 sem hrs
An introduction to judicial procedures that include legal rights and social forces; government, business, and society; ethics and contracts. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

BUL2242 Business Law II, 3.0 sem hrs
Continuation of Business Law I (BUL 2241). Reflects current thinking and recent changes in the law. Examines the Uniform Commercial Code, creditor's rights, agency, employment partnership, corporations, and special ventures. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

BUL3130 Legal, Ethical, and Social Aspects of Business, 3.0 sem hrs
This course explores the nature of legal, ethical, and societal environments of business. Emphasis is placed on business's social, legal, political, and ethical responsibilities to both external and internal groups in business. Topics include corporate social responsibility, legal, political and ethical aspects of business, state and federal laws, contracts, intellectual property, employment law, product liability, safety issues, and environmental regulation. PR: Junior level status or permission of the chair is required.

BUL3905 Directed Study in Legal, Ethical & Social Aspects of Business, 1.0-4.0 sem hrs
Directed Study in Legal, Ethical & Social Aspects of Business. FA, SP, SU

CAP - Computer Science

CAP1801 Simulation Fundamentals, 3.0 sem hrs
This is an introductory course in simulation technology. Students will learn the basic concepts in safety and housekeeping, basic sim-related software and hardware, instrumentation, documentation, and publications as related to the simulation industry. FA

Lab Fees: $30.00

CAP2023 Introduction to Game Programming, 3.0 sem hrs
During this course student will complete a ready-to-play, 3D animated game. This is a fast-paced, hands-on class to introduce the student to programming essentials, scripting, networking, GUI, textures, skins and 3D math. Students program clients and server modules; users interface; model and animate 3D characters, vehicles, terrains, and environments; program sound and music; and finally play test the finished game. FA, SP, SU

Lab Fees: $30.00

CAP2804 Advanced Simulation Systems, 4.0 sem hrs
The student will build on basic knowledge of simulator systems and operations gained in Simulation Fundamentals. Evaluation of simulator performance in comparison to requirements with consideration of government and manufacturing standards and statement of work documentation is included. Overall alignment procedures will also be covered. SP

Lab Fees: $50.00

CAP2905 Directed Study in Simulation and Robotics, 1.0-4.0 sem hrs
Directed Study in Simulation and Robotics. FA, SP, SU

CCJ - Criminal Justice

CCJ1010 Introduction to Criminology, 3.0 sem hrs
Survey of the social origins of criminal law, the administration of criminal justice, the causes of criminal behavior and the prevention and control of crime. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

Lab Fees: $5.00

CCJ1020 Introduction to Criminal Justice, 3.0 sem hrs
Exposure to the philosophical and historical background of criminal justice agencies and evaluation of their purpose, functions and contemporary problems. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

Lab Fees: $5.00

CCJ2647 Organized Crime, 3.0 sem hrs
An examination of organized crime, including structures, histories and activities, and issues of surrounding efforts to define and control it. FA

CCJ2905 Directed Study in Criminal Justice, 1.0-4.0 sem hrs
(Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

CCJ2949 Cooperative Education Experience in Criminal Justice, 3.0 sem hrs
(Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

CET - Electronic Technology

CET1112 Digital Fundamentals, 3.0 sem hrs
First course in digital theory covers number systems, including binary, octal, hexadecimal and decimal. Also includes logic gates, Boolean algebra, decoders, flip-flops, counters and programmable logic devices. FA, SP

Conc-Reqs: CET1112L

CET1112L Digital Fundamentals Lab, 1.0 sem hrs
First course in digital theory covers number systems, including binary, octal, hexadecimal and decimal. Also includes logic gates, Boolean algebra, decoders, flip-flops, counters and programmable logic devices. FA, SP

Conc-Reqs: CET1112

Lab Fees: $25.00

CET1178 A+:Computer Hardware, 2.0 sem hrs
Designed to teach the fundamentals needed to perform board-level servicing of desktop computers systems. Also covers how the hardware used in the computer works and interacts with other hardware. Introduces how printers work and basic troubleshooting procedures used with printers. Also introduces to other computing devices such as Notebook Computers and PDAs. This course prepares students for the core A+ Exam. FA, SP

Conc-Reqs: CET1178L

CET1178L A+:Computer Hardware Lab, 1.0 sem hrs
Designed to teach the fundamentals needed to perform board-level servicing of desktop computers systems. Also covers how the hardware used in the computer works and interacts with other hardware. Introduces how printers work and basic troubleshooting procedures used with printers. Also introduces to other computing devices such as Notebook Computers and PDAs. This course prepares students for the core A+ Exam. FA, SP

Conc-Reqs: CET1178
Lab Fees: $30.00

CET1600 Network Plus, 4.0 sem hrs
Basic concepts of network communication using the OSI model. Media, access protocols, routing, reliability, network services. Concepts of routing on an internet work. Prepares students for Network Plus certification exam. FA, SP

Lab Fees: $50.00

CET2123 Microcomputer and Basic Digital Communications, 3.0 sem hrs
T h is course includes the architectural study of a microprocessor with its bus system and instruction set. An introduction to the principles of digital communications is also included in this course. FA, SP

Pre-Reqs: CET1112 AND CET1112L AND EET1141L AND EET1141
Conc-Reqs: CET2123L

CET2123L Microcomputer and Basic Digital Communications Lab, 1.0 sem hrs
T h is course includes the architectural study of a microprocessor with its bus system and instruction set. An introduction to the principles of digital communications is also included in this course. FA, SP

Conc-Reqs: CET2123
Lab Fees: $30.00

CET2154 A+:Computer Operating Systems, 4.0 sem hrs
This course is designed to present proper preventative and corrective maintenance procedures for computers for computer systems. Also covers the basic installation and function of Windows operating systems as well a brief introduction to the Linux operating system. The installation use of basic applications such as Spyware removers, Anti-Virus software, and software firewalls are also covered. This course prepares students for the A+ Software Exam. FA, SP

Lab Fees: $25.00

CET2615 Advanced Cisco Router Configuration, 4.0 sem hrs
A d v a n c e d techniques in configuration of Cisco routers in Internet works, including utilization of configuration files downloaded from a TFTP server, employing advanced Cisco IOS EXEC commands. FA, SP

Pre-Reqs: CET1600
Lab Fees: $50.00

CET2620 Cisco Wide Area Network (WAN), 4.0 sem hrs
Routing WAN services and encapsulation, WAN design, PPP operation and authentication, ISDN capabilities and configuration, Frame Relay, subinterfaces and configuration. CCNA 640-607 certification exam. FA, SP

Co-Reqs: CET2615
Lab Fees: $50.00

CET2625 Building Scalable Cisco Internetworks, 4.0 sem hrs
The Building Scalable Cisco Internetworks (BSCI) course focuses on using Cisco routers connected in LANs and WANs typically found at medium to large network sites. Upon completion of this training course, students will be able to select and implement the appropriate Cisco IOS services required to build a scalable, routed network. BSCI is part of the recommended training path for those students seeking the Cisco Certified Network Professional (CCNP) and Cisco Certified Design Professional (CCDP). FA

Pre-Reqs: CET2615
Lab Fees: $50.00

CET2626 Building Cisco Remote Access Networks, 4.0 sem hrs
In the Building Scalable Remote Access Networks (BSRAN) course, students learn how to build, configure and troubleshoot a remote access network to interconnect central sites to branch offices and home offices. Students also learn how to control access to the central site, as well as to maximize bandwidth utilization over the remote links. BSRAN is part of the recommended training path for those students seeking the Cisco Certified Network Professional (CCNP), Cisco Certified Design Professional (CCDP), and Cisco Certified Internetwork Expert (CCIE) certifications. SP

Pre-Reqs: CET2615
Lab Fees: $50.00

CET2660 Fundamentals of Network Security, 4.0 sem hrs
This course introduces the student to the concepts and methods of securing a computer network. The course includes general security concepts, legal aspects of computer crime, cyber-crime culture, viruses, types of attack, communications security, cryptology, access control, firewalls, intrusion detection and disaster preparedness. This course prepares the student for the CompTIA Security+ certification. Students must have a thorough knowledge of TCP/IP prior to enrolling. FA, SP

Pre-Reqs: CET1600 OR CTS2306 OR CEN2304
Lab Fees: $50.00

CET2850 Wireless Networking, 4.0 sem hrs
Site survey, installation, configuration, and troubleshooting of Wireless Local Area Networks. Basic RF and antenna theory. FA, SP

Pre-Reqs: CET1600
Lab Fees: $50.00

CET2949 Cooperative Education Experience in Computer Engineering Technology, 1.0-4.0 sem hrs
(Prerequisite: 12 semester hours of approved Computer Science courses and permission of Computer Science chairperson.) FA, SP, SU

CGS - Computer Science

CGS1002 Introduction to Microcomputer Operations, 1.0 sem hrs
This is an introductory hands-on course that teaches the essentials of using the Windows Operating System. Emphasis on the use and management of the explorer, the taskbar, the desktop and menus, online help, disk tools and accessories. SP

Lab Fees: $10.00

CGS1060 Basic Computer Concepts, 2.0 sem hrs
This course is intended for first time computer users and concentrates on basic computer literacy. Students completing this course will have a concrete understanding of how to use a personal computer, manage computer files, use the Windows operating system and its various tools, send and receive e-mail and utilize the Internet to access information. Furthermore, the student will receive hands on experience with word processing, spreadsheet, presentation and other application programs. The course will be composed of classroom lectures together with hands-on computer exercises. FA, SP, SU

Conc-Reqs: CGS1060L

CGS1060L Basic Computer Concepts Lab, 1.0 sem hrs
This course is intended for first time computer users and concentrates on basic computer literacy. Students completing this course will have a concrete understanding of how to use a personal computer, manage computer files, use the Windows operating system and its various tools, send and receive e-mail and utilize the Internet to access information. Furthermore, the student will receive hands on experience with word processing, spreadsheet, presentation and other application programs. The course will be composed of classroom lectures together with hands-on computer exercises. FA, SP, SU

Conc-Reqs: CGS1060
Lab Fees: $25.00

CGS1570 Introduction to Computer Applications, 1.0 sem hrs
This is a short introductory course, which introduces students to word processing, spreadsheets, database and presentation software. Students participate in hands-on activities using these software applications. FA, SP

Lab Fees: $10.00

CGS2100 Microcomputer Applications, 3.0 sem hrs
An introduction to computer operations including Windows operating system, e-mail, internet, and the use of software packages, including word processing, spreadsheets, data base management and presentation software. FA, SP, SU

Lab Fees: $20.00

CGS2512 Advanced Computer Spreadsheets and Graphics Presentations, 3.0 sem hrs
This course examines advanced spreadsheet techniques such as @Functions, formula development, what-if tables and database operations. Also covered is the planning and development of graphics presentations. SP

Pre-Reqs: CGS2100
Lab Fees: $20.00

CGS2820 Web Programming (JavaScript, Ajax, ASP.Net), 3.0 sem hrs
This project-based course deals with a variety of web design tools used to access, design, and develop web sites. The students will be trained in techniques for creation and implementation of well-designed Dynamic Web sites using a design tool and a client side scripting language like JavaScript, Ajax, and server side technique with ASP.Net. FA, SP

Co-Reqs: COP1000
Pre-Reqs: CGS1555 AND COP1000 OR CTS1851
Lab Fees: $20.00

CGS2821 Advanced Web Programming (XML, ASP.Net, SQL Server), 3.0 sem hrs
This course continues the participants   development of skills using advanced web design techniques. Students will gain hands-on experience in creating and applying XML documents to web pages; understand XML mechanics and applications; manage XML data with ASP.Net and SQL Server programming. FA

Pre-Reqs: CTS1851 OR CGS1555
Lab Fees: $20.00

CGS2905 Directed Study in Computer Software Applications, 1.0-4.0 sem hrs
Directed Study in Computer Software Applications FA, SP, SU

CHD - Early Childhood Education

CHD1104 Introduction to Early Childhood Education I, 3.0 sem hrs
This course is designed to introduce the student to the field of Child Development and Education, with an emphasis on the historical, philosophical, psychological and sociological foundations of Early Childhood Education. FA

Conc-Reqs: CHD1104L

CHD1104L Introduction to Early Childhood Education I Lab, 1.0 sem hrs
Designed to provide the student with a supervised observation experience in a child care setting. FA

Conc-Reqs: CHD1104
Lab Fees: $6.00

CHD1220 Child Growth and Development, 3.0 sem hrs
A study of the interplay of biological factors, human interaction, social structure and cultural forces involved in shaping the growing child. FA, SP, SU

CHD1430 Observation, Recording and Assessment, 3.0 sem hrs
This course covers techniques for observing, recording and assessing the behavior of young children. FA

CHD1820 Introduction to Early Childhood Education II, 3.0 sem hrs
An overview of facilities, equipment, program planning and family involvement, using educational objectives and lesson plans in the preschool. Includes field experiences. SP

Conc-Reqs: CHD1820L

CHD1820L Introduction to Early Childhood Education II Lab, 1.0 sem hrs
Designed to provide the student with a supervised observation and participation experience in a child care setting. SP

Conc-Reqs: CHD1820
Lab Fees: $6.00

CHD2110 Infant/Toddler Development, 4.0 sem hrs
A study of the physical, social, emotional and mental development of infants and toddlers. FA

CHD2236 Introduction to School-Age Child Care, 3.0 sem hrs
This course is designed to introduce the student to the field of school-age care. An emphasis is placed on the historical, sociological, philosophical and psychological foundations of school-age care. The student explores the role of health, safety, nutrition, and recreation in the school-age care program and the establishment of positive relationships with families. Issues relating to school-age children, such as characteristic health problems and positive self-management are examined. This course is intended to meet partial educational requirements for the Florida School-Age Certification Training Program. FA

CHD2320 Curriculum Planning for Early Childhood, 3.0 sem hrs
A course designed to study and develop competencies in lesson planning, curriculum design, record keeping, diagnostic/evaluative procedures and teaching techniques using preschool settings. This course is intended to meet one of the educational requirements for the Advanced Level Child Care and Education Administrator Credential as defined by the state of Florida. (Prerequisite: Permission of chairperson.) SP

CHD2333 Creative Activities for the Young Child, 2.0 sem hrs
Designed to develop competencies in planning and supervising creative activities and to provide students with skills acquisition necessary to develop and adapt learning materials for the young child. FA

Conc-Reqs: CHD2333L

CHD2333L Creative Activities for the Young Child Lab, 1.0 sem hrs
Designed to develop competencies in planning and supervising creative activities and to provide students with skills acquisition necessary to develop and adapt learning materials for the young child. FA

Conc-Reqs: CHD2333
Lab Fees: $23.00

CHD2334 Language Arts for the Young Child, 3.0 sem hrs
A course covering skills and concepts required by teachers of young children to plan developmentally appropriate activities in language development, reading readiness and storytelling. FA

Conc-Reqs: CHD2334L

CHD2334L Language Arts Activities Lab, 1.0 sem hrs
Supervised laboratory experience with young children. Emphasis is placed on planning and implementing learning experiences in language arts and storytelling. Two hours laboratory. FA

Conc-Reqs: CHD2334
Lab Fees: $13.00

CHD2335 Music and Motor Activities for the Young Child, 2.0 sem hrs
Designed to teach the value of musical and physical activities in the child s life and ways to incorporate musical and motor activities in creative learning experience in the preschool. SU

Conc-Reqs: CHD2335L

CHD2335L Music and Motor Activities for the Young Child Lab, 1.0 sem hrs
Designed to teach the value of musical and physical activities in the child s life and ways to incorporate musical and motor activities in creative learning experience in the preschool. SU

Conc-Reqs: CHD2335

CHD2338 Math and Science for the Young Child, 3.0 sem hrs
A course covering the skills and concepts required by teachers of young children to plan developmentally appropriate activities in math, safety, science and food experience. SP

Conc-Reqs: CHD2338L

CHD2338L Math and Science Activities Lab, 1.0 sem hrs
Supervised laboratory experience with young children. Emphasis on planning and implementing learning experiences in math, science, social studies and art. Two hours laboratory. SP

Conc-Reqs: CHD2338
Lab Fees: $3.00

CHD2382 Planning Curriculum for School-Age Care Programs, 3.0 sem hrs
This course is designed to study and develop competencies in planning for child-centered school-age programs that foster critical thinking skills and reinforce and support math, science, social science, and language and literacy development, and the creative development of school-age children. Students learn to design activities that help children develop interpersonal skills and their own self-concept, promote multicultural understanding, and teach school-age children cooperative learning strategies. SP

CHD2440 Child Development Practicum, 6.0 sem hrs
The course is designed to provide students with a supervised internship in a selected educational program for young children. (Prerequisite: Permission of chairperson.) Lab fee: $3. SU

Lab Fees: $3.00

CHD2801 Child Development Management, 3.0 sem hrs
Child care management course covering director responsibilities in implementing and administering an early childhood program, staff selection and supervision and financially managing the program. This course is intended to meet the educational requirements for the foundational-level child care and Educational Administrator Credential as defined by the state of Florida, and can be used toward the advanced level of the credential. FA

CHD2905 Directed Study in Child Development, 2.0-6.0 sem hrs
Directed Study in Child Development. FA, SP, SU

CHD2930 Special Topics in Early Childhood, 1.0 sem hrs
This course provides an overview of the roles and requirements of various children care professionals. SP

CHD2949 Cooperative Education in Child Development, 1.0-4.0 sem hrs
Cooperative Education Experience in Child Development FA, SP, SU

CHM - Chemistry

CHM1025 Introductory to Chemistry, 3.0 sem hrs
Survey of modern chemistry, designed particularly for those with little or no chemistry background or for those needing an overview of chemistry. May also be used as a preliminary to CHM 1045/1045L. (Pre-requisites or co-requisites: ENC1101 and MAT 1033) Three-hour lecture, one-hour recitation/ laboratory (CHM1025L). FA, SP, SU

Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107
Conc-Reqs: CHM1025L

CHM1025L Introduction to Chemistry Lab, 1.0 sem hrs
One hour laboratory/recitaition portion of Survey of modern chemistry, designed particularly for those with little or no chemistry background or for those needing an overview of chemistry. Lab Fee $35.00. (Co-requisite CHM1025) FA, SP, SU

Conc-Reqs: CHM1025
Lab Fees: $35.00

CHM1045 General College Chemistry I, 3.0 sem hrs
Fundamental laws and theories of chemistry and related laboratory experiments. Designed for students majoring in science. Three-hour lecture, three-hour laboratory. (Pre-requisites or co-requisites: ENC 1101 and MAC 1105 and satisfactory completion of CHM 1025/1025L or evidence of satisfactory achievement in high school chemistry. Co-requisite CHM1045L) FA, SP, SU

Co-Reqs: ENC1101 AND MAC1105 OR MAP2302 OR MAC1114 OR MAC2312 OR MGF2107 OR STA2023 OR MAC1140 OR MAC2311 OR MAC2313 OR MAT1033 OR MAC2233 OR MGF2106
Conc-Reqs: CHM1045L

CHM1045L General College Chemistry I Lab, 1.0 sem hrs
Mandatory Laboratory portion of CHM1045. (Co-requisite CHM1045) Lab Fee $50.00. FA,SP,SU

Conc-Reqs: CHM1045
Lab Fees: $50.00

CHM1046 General College Chemistry II, 3.0 sem hrs
Continuation of CHM 1045/1045L. Three-hour lecture, three-hour laboratory. (Co-requisite CHM1046L) FA, SP, SU

Pre-Reqs: CHM1045C OR CHM1045
Conc-Reqs: CHM1046L

CHM1046L General College Chemistry II Lab, 1.0 sem hrs
Continuation of CHM 1045/1045L. Three-hour lecture, three-hour laboratory. (Co-requisite CHM1045). Lab Fee $50.00 FA, SP, SU

Pre-Reqs: CHM1045C OR CHM1045L OR CHM1045
Conc-Reqs: CHM1046
Lab Fees: $50.00

CHM2210 Organic Chemistry, 3.0 sem hrs
The first semester of the CHM 2210/2210L - 2211C/2211L sequence. A study of the structure, synthesis and reactions of organic compounds. Three-hour lecture, three-hour laboratory. (Pre-requisite: CHM 1046/1046L. Co-requisite CHM2210L.) FA, SP

Pre-Reqs: CHM1046C OR CHM1046
Conc-Reqs: CHM2210L

CHM2210L Organic Chemistry Lab, 1.0 sem hrs
The first semester of the CHM 2210/2210L - 2211C/2211L sequence. Mandatory three hour laboratory portion of CHM2210/2210L. (Co-requisite: CHM2210) Lab Fee $50.00. FA, SP

Pre-Reqs: CHM1046C OR CHM1046
Conc-Reqs: CHM2210
Lab Fees: $50.00

CHM2211 Organic Chemistry II, 3.0 sem hrs
Continuation of CHM 2210/2210L. (Pre-requisite: CHM 2210/2210L, Co-requisite: CHM2210L) SP, SU

Pre-Reqs: CHM2210C OR CHM2210
Conc-Reqs: CHM2211L

CHM2211L Organic Chemistry II Lab, 1.0 sem hrs
Continuation of CHM 2210/2210L. (Co-requisite:CHM2210) Lab Fee $50.00. SP, SU

Pre-Reqs: CHM2210C OR CHM2210
Conc-Reqs: CHM2211
Lab Fees: $50.00

CHM2905 Directed Study in Chemistry, 1.0-4.0 sem hrs
Directed Study in Chemistry (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

CHM3085 Environmental Chemistry, 3.0 sem hrs
The study of the basic concepts of organic and inorganic chemistry in the context of applications to the environmental issues of water quality, atmospheric pollution, sustainable agricultural practices, and environmental risks to human health in an integrated environment of lectures and field experiences. FA

Pre-Reqs: CHM2211 AND CHM2211L

CHM3120 Quantitative Analysis, 3.0 sem hrs
The principles and laboratory techniques of quantitative analytical methods, with emphasis on problem solving and choice of analytical methods (Pre-requisite: CHM 1046/1046L. Co-requisite: CHM 3120L.) SU

Pre-Reqs: CHM1046C OR CHM1046
Conc-Reqs: CHM3120L

CHM3120L Quantitative Analysis Lab, 1.0 sem hrs
Mandatory three hour laboratory component of CHM 3120. SU

Pre-Reqs: CHM1046C OR CHM1046
Conc-Reqs: CHM3120
Lab Fees: $40.00

CIS - Computer Science

CIS2905 Directed Study in Computer & Information System, 4.0 sem hrs
Independent individual or team studies, projects and practical in computer and information sciences under the direction of the Computer Science faculty. Specific content to be arranged. May be repeated with change of content. (Prerequisite: Permission of chairperson.) FA, SP, SU

CIS2935 Computer Science Seminar, 1.0 sem hrs
Discussion of computer programming work experience and special topics in computer science. (Prerequisite: permission of chairperson.) FA, SP, SU

CIS2949 Cooperative Education Experience in Computer and Information Systems, 1.0-4.0 sem hrs
(Prerequisite: 12 semester hours of approved Computer Science courses and permission of Computer Science chairperson.) FA, SP, SU

CJC - Criminal Justice

CJC1000 Introduction to Corrections, 3.0 sem hrs
A lecture/discussion of the organization and functions of corrections within the criminal justice system emphasizing the evolution of corrections for the rehabilitation of offenders. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

Lab Fees: $5.00

CJD - Criminal Justice

CJE - Criminal Justice

CJE1670 Crime Scene Investigation, 3.0 sem hrs
This course strives to depict the role of the forensic scientist in the criminal justice system. This course is designed for the non-scientific student. The course is a classroom introduction to the world of forensic science that includes Internet application, ability and limitations of the modern crime laboratory. Forensic science begins at the crime scene. If an investigator cannot recognize, collect, and package evidence properly, no amount of equipment or expertise in the laboratory will salvage the situation. SP

CJJ - Criminal Justice

CJJ2002 Juvenile Delinquency, 3.0 sem hrs
Study of the juvenile justice system emphasizing definitions, causes, prevention, control of juvenile delinquency and rehabilitation of the delinquent youth. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

Lab Fees: $5.00

CJK - Criminal Justice

CJK0007 Introduction to Law Enforcement, 0.37 voc hrs
This course provides the student with an overview of the Criminal Justice System and the Criminal Justice Standards and Training Commission. FA, SP, SU Lab Fees - $ 57.00

Lab Fees: $56.00

CJK0008 Law Enforcement Legal, 2.3 voc hrs
Constitutional law as it relates to the duties of a law enforcement officer is examined. Law topics of study include arrest laws, search and seizure and evidence procedures. FA, SP, SU

CJK0011 Human Issues in Law Enforcement, 1.33 voc hrs
This course teaches students the appropriate procedures for dealing with people who have special needs, such as, mentally ill, mentally retarded, substance abusers and persons with physical disabilities. FA, SP, SU

CJK0017 Law Enforcement Communications, 2.53 voc hrs
The entire police report writing process is covered. Topics include interviewing and interrogation, IPC skills, radio and telephone procedures, as well as practice exercises. FA, SP, SU

CJK0020 CMS Law Enforcement Vehicle Operations, 1.6 voc hrs
Components of the police driving environment are explored and practical exercises on the driving range are conducted. Vehicle pullovers and felony traffic stops are included via lecture, demonstration and scenario. FA, SP, SU Lab Fees - $ 200.00

Lab Fees: $200.00

CJK0031 CMS First Aid for Criminal Justice Officers, 1.33 voc hrs
Based on DOT's first responder to medical emergencies. Included are major types of communicable diseases among adults, signs, and symptoms of each and methods of transmission. Lab fee: $ 25.00

Lab Fees: $25.00

CJK0040 CMS Criminal Justice Firearms, 2.67 voc hrs
Handgun and shotgun use, safety procedures and ammunition use are covered in lecture. Introduction includes weapons qualifications. Lab fee: $200.00

Lab Fees: $200.00

CJK0051 Criminal Justice Defensive Tactics, 2.67 voc hrs
Unarmed defense, restraining and apprehending techniques are taught. Special emphasis on the "use of force" continuum. Restraining devices, impact weapons, pressure points, chemical agents, and use of aerosol subject resistance, and officer fitness are also covered.

Lab Fees: $55.00

CJK0061 Law Enforcement Patrol I, 1.93 voc hrs
Addresses the daily skills and techniques needed by officers to perform patrol tactics. FA, SP SU

CJK0062 Law Enforcement Patrol II, 1.33 voc hrs
Students learn how to respond to the various types of calls that face today s patrol officer. FA, SP, SU

CJK0071 Criminal Investigations, 1.87 voc hrs
Students become familiar with all of the various types of crimes and investigations that a law enforcement officer is likely to encounter. FA, SP, SU

CJK0076 Law Enforcement Crime Scene Investigations, 0.8 voc hrs
This course is designed to introduce the students to the process of investigating specific crime scenes including, domestic violence, child abuse, elder abuse and death investigations. FA, SP, SU

CJK0082 Law Enforcement Traffic Stops, 0.8 voc hrs
This course introduces the student to the basic rules for conducting safe, effective traffic stops. FA, SP, SU

CJK0083 Law Enforcement DUI Traffic Stops, 0.8 voc hrs
This course outlines the specific procedures for detection, apprehension, documentation and prosecution of DUI offenses. Students will learn to perform the Standardized Field Sobriety Test. FA, SP, SU

CJK0086 Law Enforcement Traffic Crash Investigations, 1.07 voc hrs
This course introduces the student to traffic crash investigations, law pertaining to traffic crashes and procedures for responding to a traffic crash. FA, SP, SU

CJK0096 Law Enforcement Officer Physical Fitness Training, 2.0 voc hrs
This course evaluates the student s level of fitness, then develops a program of improvement through exercise and instruction in areas of nutrition, stress management and basic training techniques. This course is for students enrolled in the Basic Law Enforcement Recruit Training program. FA, SP, SU

CJK0101 Corrections Interpersonal Skills II, 1.67 voc hrs
Human adjustment to imprisonment as well as basic characteristics of inmate societies are explored. Emphasis on officer interpersonal skills. FA, SP, SU

CJK0102 Correctional Operations, 2.13 voc hrs
The general operation of correctional facilities is studied, including inmate intake, daily care, institutional procedures and officer tasks. FA, SP, SU

CJK0255 Correctional Probation Firearms, 0.53 voc hrs
This course covers firearms safety procedures and the basic principles of firing a handgun and shotgun. The use of chemical agents is also covered. FA, SP, SU

Lab Fees: $50.00

CJK0270 Corrections Legal I, 1.53 voc hrs
An introductory review of the criminal justice system and a history of law. The foundation and basic components of law are studied. Emphasis on correctional officer application. FA, SP, SU

Lab Fees: $39.00

CJK0271 Correctional Probation Legal, 1.9 voc hrs
This course provides an overview of the criminal justice system and a history of law. Court procedures and testimony are also examined. Emphasis is given to elements of various crimes. Civil and criminal liability of officers is also studied. FA, SP, SU

Lab Fees: $39.00

CJK0272 Correctional Probation Interpersonal Communication Skills, 1.47 voc hrs
This course covers interpersonal, verbal and written communication skills. crisis intervention and conflict resolution are explored. FA, SP, SU

CJK0273 Correctional Probation Caseload Management, 1.33 voc hrs
This course familiarizes students with methods of managing a probation caseload of felony offenders. FA, SP, SU

CJK0274 Correctional Probation Supervision, 2.93 voc hrs
This course is an introduction to the basic responsibility of a probation officer in the supervision of criminal offenders. Identification of problems an offender may have are explored. FA, SP, SU

CJK0275 Correctional Probation Investigations, 1.3 voc hrs
This course is an introduction to the types of investigations completed by the correctional probation officer with the major emphasis on the Presentence Investigation. FA, SP, SU

CJK0276 Correctional Probation Management Information Systems, 0.9 voc hrs
This course familiarizes the student with various computer information systems utilized by the correctional probation officer. FA, SP, SU

CJK0280 Criminal Justice Officer Physical Fitness Training, 1.33 voc hrs
This course evaluates the student s level of fitness, then develops a program of improvement through exercise and instruction in the areas of nutrition, stress management and basic training techniques. This course is for students enrolled in the Basic Correctional Officer Recruit Training program. FA, SP, SU

CJK0281 Correctional Probation Officer Physical Fitness Training, 1.13 voc hrs
This course evaluates the student s level of fitness, then develops a program of improvement through exercise and instruction in the areas of nutrition, stress management and basic training techniques. This course is for students enrolled in the Correctional Probation Officer Academy. FA, SP, SU

CJK0422 Dart Stun Gun Firing, 0.27 voc hrs
This course familiarizes the student with the function and effects of a dart firing stun gun. This course is required by the State of Florida. FA, SP, SU Lab Fees - $30.00

Lab Fees: $30.00

CJK0480 Emergency Preparedness, 0.87 voc hrs
Riot, disturbance control and fire fighting skills are studied and practiced. Lecture includes methods of riot prevention, handling unusual occurrences, emergency procedures and what to do if taken hostage. FA, SP, SU

CJT - Criminal Justice

CJT2100 Criminal Investigation, 3.0 sem hrs
This course introduces the student to the elements of criminal investigation, crime scene examination, collection of evidence and searching for witnesses, developing and questioning suspects, and protecting physical evidence. SU

CLP - Psychology

CLP2001 Psychology of Adjustment, 3.0 sem hrs
An exploration of the process of personal and social growth. Emphasis is placed on increasing self-understanding and personal effectiveness. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

CLP2140 Abnormal Psychology, 3.0 sem hrs
A study of terminology, diagnostic categories and treatment methods of major types of psychological disturbances. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

COP - Computer Science

COP1000 Principles of Computer Programming, 3.0 sem hrs
This course provides the beginning programmer with a guide to developing structured program logic, and assumes no programming language experience. Programming concepts together with program definition, algorithms, flow charts, debugging, documentation, pseudocode, and a high-level language are introduced. FA, SP

Lab Fees: $20.00

COP2001 Computer Programming "C++", 2.0 sem hrs
A continuation of Computer Programming I using C. Object-oriented programming concepts and fourth generation languages will be introduced and applied. SP

Pre-Reqs: COP1000
Conc-Reqs: COP2001L

COP2001L Computer Programming "C++" Lab, 1.0 sem hrs
A continuation of Computer Programming I using C. Object-oriented programming concepts and fourth generation languages will be introduced and applied. SP

Conc-Reqs: COP2001
Lab Fees: $25.00

COP2220 Computer Programming "C", 3.0 sem hrs
Hands-on, introductory study of C Programming language as applied to business applications. The course includes arrays, pointers, functions, I/O operations, data structures, and operating system interaction. Students write and compile their program in multiple platforms and compilers. Students also learn debugging techniques in existing malfunctioning programs and customize programs according to specifications. FA, SP

Pre-Reqs: COP1000 OR MAC1105
Lab Fees: $25.00

COP2510 Software Design and Development I, 3.0 sem hrs
This course deals with the techniques used in analysis, design, and development of computer system software through data flow analysis and system development life cycle including traditional (and object) analysis, requirements analysis, specification, systems design, implementation, and maintenance. SP

Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010
Lab Fees: $25.00

COP2700 Introduction to Database Management, 3.0 sem hrs
This class covers the concepts of relational databases and the industry standard SQL language. Students are taught the relational model to create and maintain database objects. Data analysis, logical and physical structure will be covered. Students will learn data definition language and data manipulation language syntax in SQL. CASE tools will be used to analyze data structure. FA

Lab Fees: $25.00

COP2800 Computer Programming "Java", 3.0 sem hrs
The high-level computer language   java   is used to solve business problems. Course includes basics, object-oriented programming, graphical user interfaces with event-driven programming and applets used in web pages. FA, SP

Pre-Reqs: COP1000
Lab Fees: $25.00

COP2831 Web Scripting (PHP), 3.0 sem hrs
This course is designed to teach Web server-side programming skills. Students completing this course will be able to develop a complete Web side, maintain and manage the Web site. Students will learn the essentials of Web server-side programming language, database, and server, write server-side programming code, integrate the code into Web pages, and identify different uses and applications of scripts in Web sites and/or other multimedia projects. SP

Pre-Reqs: CGS2820
Lab Fees: $25.00

COP2833 Web Application Development - ActionScripting, 3.0 sem hrs
This course introduces the student to Macromedia Flash, with an emphasis on ActionScript. Students will learn about Object Composition, Inheritance, Interfaces and Components. They will learn to write object-oriented ActionScript code, integrate it into Web pages, and identify different uses and applications on the scripts in Web sites and/or other multimedia projects. SP

Pre-Reqs: COP1000
Lab Fees: $25.00

COP2850 Web Programming Project, 3.0 sem hrs
Upon completion of this project based course students will write a proposal, create project development plan, understand the project development procedure, demonstrate the computer skills, implement the project, test and deploy the complete system on the web server.

COP2881 Advanced Computer Programming "Java", 3.0 sem hrs
This course expands on the Java programming basics to explore advanced Java topics such as inner classes, object serialization, and multithreading. Many of the objectives for Sun Java Certification are covered. SP

Pre-Reqs: COP2800
Lab Fees: $25.00

COP2905 Directed Study in Computer Programming, 1.0-4.0 sem hrs
I n d e p e n d e n t individual or team studies, projects and practica in computer programming   design, construction, documentation and implementation-under the direction of the Computer Science faculty. Specific content to be arranged. May be repeated with change of content. (Prerequisite: Permission of Computer Science chairperson.) FA, SP, SU

COP2940 Computer Science Internship, 2.0 sem hrs
Six hours per week of practical computer programming experience in a computer installation. FA, SP, SU

COP2949 Cooperative Educational Experience in Computer Programming, 1.0-4.0 sem hrs
Prerequisite: 12 semester hours of approved Computer Science courses and permission of Computer Science chairperson.) FA, SP, SU

COS - Cosmetology

COS0080 Cosmetology I, 2.67 voc hrs
Orientation to the field of cosmetology. The student will use classroom and laboratory facilities to develop basic skills, techniques and prepare students to work on clients. FA, SP, SU

Conc-Reqs: COS0080L

COS0080L Cosmetology I Lab, 5.33 voc hrs
Orientation to the field of cosmetology. The student will use classroom and laboratory facilities to develop basic skills, techniques and prepare students to work on clients.. FA, SP, SU

Conc-Reqs: COS0080
Lab Fees: $280.00

COS0081 Cosmetology II, 2.67 voc hrs
A continuation of basic skills and concept development from level I. Students will be taught the principles and concepts of cosmetology while mastering cosmetology skills on the clinic floor. FA, SP, SU

Pre-Reqs: COS0080
Conc-Reqs: COS0081L

COS0081L Cosmetology II Lab, 5.33 voc hrs
A continuation of basic skills and concept development from level I. Students will be taught the principles and concepts of cosmetology while mastering cosmetology skills on the clinic floor. FA, SP, SU

Conc-Reqs: COS0081
Lab Fees: $180.00

COS0082 Cosmetology III, 2.67 voc hrs
The student will acquire knowledge of the principles and concepts of cosmetology. Intermediate skills will be perfected on clients in the school-operated salon. FA, SP, SU

Pre-Reqs: COS0081 AND COS0080
Conc-Reqs: COS0082L

COS0082L Cosmetology III Lab, 5.33 voc hrs
The student will acquire knowledge of the principles and concepts of cosmetology. Intermediate skills will be perfected on clients in the school-operated salon. FA, SP, SU

Conc-Reqs: COS0082
Lab Fees: $130.00

COS0083 Cosmetology IV, 2.67 voc hrs
The student will acquire knowledge of the principles of Florida Law, Anatomy and Physiology, and Salon Management. Skills will be perfected in the school-operated salon. FA, SP, SU

Pre-Reqs: COS0081 AND COS0080 AND COS0082
Conc-Reqs: COS0083L

COS0083L Cosmetology IV Lab, 5.33 voc hrs
The student will acquire knowledge of the principles of Florida Law, Anatomy and Physiology, and Salon Management. Skills will be perfected in the school-operated salon. FA, SP, SU

Conc-Reqs: COS0083
Lab Fees: $85.50

COS0084 Cosmetology V, 2.67 voc hrs
State Board preparation is emphasized. Theoretical knowledge and skills will be perfected to employment competency level. FA, SP, SU

Pre-Reqs: COS0080 AND COS0082 AND COS0081 AND COS0083
Conc-Reqs: COS0084L

COS0084L Cosmetology V Lab, 5.33 voc hrs
State Board preparation is emphasized. Theoretical knowledge and skills will be perfected to employment competency level. FA, SP, SU

Conc-Reqs: COS0084
Lab Fees: $85.50

COS0905 Directed Study in Cosmetology, 1.0-4.0 voc hrs
Directed Study in Cosmetology FA, SP, SU

CPO - Political Science

CPO2001 Comparative Government, 3.0 sem hrs
An introduction to comparative political behavior, processes, institutions and public policy in selected industrial democracies, communist and former communist states and   third world   countries. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

CRW - English Language and Literature

CRW2100 Fiction Writing, 3.0 sem hrs
An introduction to the techniques of writing fiction. FA, SP

Pre-Reqs: ENC1102
Lab Fees: $15.00

CRW2300 Poetry Writing, 3.0 sem hrs
An introduction to the techniques of writing poetry. FA

Pre-Reqs: ENC1101 AND ENC1102
Lab Fees: $15.00

CSP - Cosmetology

CSP0010 Nail Care Specialty - Cosmetology, 2.0 voc hrs
This course/program meets the requirements of the Florida State Board of Cosmetology to prepare the student for the State Board Examination in the area of nail technician.

Conc-Reqs: CSP0010L

CSP0010L Nail Care Specialty - Cosmetology Lab, 6.0 voc hrs
This course/program meets the requirements of the Florida State Board of Cosmetology to prepare the student for the State Board Examination in the area of nail technician.

Conc-Reqs: CSP0010
Lab Fees: $255.00

CSP0905 Directed Study in Nail Specialty - Cosmetology, 1.0-4.0 voc hrs
DIS in Nail Care Specialty FA, SP

CTS - Computer Science

CTS1851 Internet Web Foundations (HTML, CSS), 3.0 sem hrs
An introductory course designed to teach the basic hands-on skills and knowledge that today s business and Internet professionals are expected to understand and use. The three major topics covered are: internet fundamental uses, web page development using HTML, CSS, Web page design, and various fundamental web server management skills. Students will perform a variety of practical tasks and assignments. FA, SP

Lab Fees: $20.00

CTS2141 Advanced C++ and Direct X Programming, 3.0 sem hrs
The student applies the C++ programming and the Microsoft Foundation classes to create applications that run under the Microsoft Windows operating system. Topics include creating Windows applications, Web services and server-side coding. The student designs, implements and documents programs using Microsoft s Visual Studio development environment. FA

Pre-Reqs: COP2001
Lab Fees: $25.00

CTS2214 Project Management w/Microsoft Project, 3.0 sem hrs
This course provides an introduction to the basic elements of Project Management. Students build project plans using Microsoft Project software. The text used covers the objectives for the Microsoft Office Specialist (MOS) "core" certificate. FA, SP

Pre-Reqs: CGS2100
Lab Fees: $20.00

CTS2300 Designing Windows Networks, 4.0 sem hrs
Design a Windows Network infrastructure using network services. Topics include protocols, IP routing, DHCP, DNS, WINS, NAT, Proxy server, RAS, VPN, RADIUS, monitoring, DFS and optimization. MCP Exam 70-221, a core requirement for MCSE. SP

Pre-Reqs: CTS2328 OR CTS2810
Lab Fees: $50.00

CTS2302 Microsoft Windows Active Directory Services, 4.0 sem hrs
Implementation, administration and troubleshooting Windows Active Directory Services. Learn how to plan, create and maintain user and group accounts and profiles. Additional topics, such as DNS name resolution, zone, NTFS permissions and DFS will be discussed. MCP Exam 70-217, a core requirement for MCSE. SP

Pre-Reqs: CTS2328
Lab Fees: $50.00

CTS2303 Designing Windows Active Directory Services, 4.0 sem hrs
Design a Microsoft Windows® directory services infrastructure in an enterprise network. Strategies are presented to assist the student in identifying the information technology needs of an organization, and then designing an Active Directory structure that meets those needs. MCP Exam 70-219, a core requirement for MCSE. SP

Pre-Reqs: CTS2302
Lab Fees: $50.00

CTS2306 Microsoft Windows Professional, 4.0 sem hrs
Installing, configuring and supporting Microsoft Windows Professional in a workgroup or domain to prepare for MCP Exam 70-270, a core requirement for MCSA and MCSE certifications. FA, SP

Lab Fees: $50.00

CTS2310 Designing Windows Network Security, 4.0 sem hrs
Design a security framework for small, medium and enterprise networks by using Microsoft Windows technologies. This course focuses on securing specific areas of the network. MCP Exam 70-220, a core requirement for MCSE. SP

Pre-Reqs: CTS2328 OR COP2010
Lab Fees: $50.00

CTS2311 Linux Networking and Security, 4.0 sem hrs
This is an advanced course in the Linux operating system emphasizing installing, configuring and using Linux networking services. It also stresses securing the Linux OS in a networked environment. Topics include configuring and using basic networking connectivity, Linux clients, SNMP, mail lists and news servers, email servers, DNS servers, file sharing, FTP servers, NFS, Samba, cryptographic security, password security, file security, routing, firewalls, and intrusion detection. Previous experience with Linux installation and configuration is required. SP

Pre-Reqs: CTS2321
Lab Fees: $50.00

CTS2320 Implementing, Managing and Maintaining a Windows Network Infrastructure, 4.0 sem hrs
Introduction to primary protocols and network services required to plan and design a Windows network infrastructure. Topics include TCP/IP, NWLink, DNS, WINS, WINS, DHCP, RAS, Network Monitor, IPSec, NAT and Certificate Services. Exam 70-216, a core requirement for MCSA and MCSE certifications. (Prerequisite: CEN 2304 or permission of Computer Science chairperson.) FA, SP

Pre-Reqs: CTS2306 OR CEN2304
Lab Fees: $50.00

CTS2321 Linux System Administration, 4.0 sem hrs
This course is designed to teach students the skills they need to effectively administer the Linux operating system. The course includes Linux server installation, configuration, administration, networking services, security, system maintenance, and troubleshooting tasks. Previous experience with computer hardware configuration, network services and network operating systems is required. FA, SP

Lab Fees: $50.00

CTS2328 Managing and Maintaining a Windows Network Environment, 4.0 sem hrs
Manage a network infrastructure, services and resources to prepare for MCP Exam 70-290, a core requirement for MCSA certification and an elective for MCSE certification. FA, SP

Pre-Reqs: CTS2306
Lab Fees: $50.00

CTS2330 Microsoft Exchange Server Implementation and Administration, 4.0 sem hrs
Install, configure, administer and troubleshoot Microsoft Exchange Server. Acquire the knowledge and skills required to perform day-to-day management of an Exchange Server organization. Prepare for MCSE Exam 70-224 an elective for Windows MCSE track. SP

Pre-Reqs: CTS2328 OR COP2010
Lab Fees: $50.00

CTS2402 Visual Basic Programming, 3.0 sem hrs
A first course in object-oriented programming using Microsoft Visual BASIC.NET for Windows. Topics covered will be the programming environment and how to use it, use of programming values and variables, conditional statement and loops, modules and parameter passing and use of color and windows forms for communication with the user. An introduction to ASP.NET and database access will be covered. FA, SP

Pre-Reqs: COP1000
Lab Fees: $25.00

CTS2403 Advanced Visual Basic Programming, 3.0 sem hrs
The student applies the Visual Basic programming language to more advanced problems including accessing SQL Server databases, creating Web forms, and creating custom controls. The student designs, implements and documents computer programs using Microsoft s Visual Basic.NET development environment. This course covers competencies of the developing and implementing Windows-based Applications with Microsoft Visual Basic.NET and Visual Studio.NET exam (70-306) of the Microsoft Certified Application Developer (MCAD) certification. FA

Pre-Reqs: CTS2402 OR COP2010
Lab Fees: $25.00

CTS2431 Data Organization and Management, 2.0 sem hrs
Advanced concepts using Microsoft Access. Topics covered include creating table structures, enforcing referential integrity, creating and modifying forms, creating and modifying reports and saving objects as Web pages. This course covers topics required by the Microsoft Office Specialist (MOS) certification exam. FA, SP

Co-Reqs: COP1000
Conc-Reqs: CTS2431L

CTS2431L Data Organization and Management Lab, 1.0 sem hrs
Advanced concepts using Microsoft Access. Topics covered include creating table structures, enforcing referential integrity, creating and modifying forms, creating and modifying reports and saving objects as Web pages. This course covers topics required by the Microsoft Office Specialist (MOS) certification exam. FA, SP

Conc-Reqs: CTS2431
Lab Fees: $20.00

DAA - Dance

DAA1100 Modern Dance I, 3.0 sem hrs
Includes conditioning exercises and techniques that provide a vocabulary of movement to develop basic movement phrases and elements of composition. The use of improvisation will be introduced to develop a sense of individual accomplishment and skills. FA, SP, SU

DAA1200 Classical Ballet I, 3.0 sem hrs
Provides a beginning level technique in the discipline of classical ballet. FA, SP

DAA1500 Beginning Jazz Dance, 3.0 sem hrs
Beginning level techniques and movement exploring a broad range of jazz dance. Elements of theater, lyrical and hip hop may be explored. FA, SP, SU

DAA1520 Beginning Tap Dance, 3.0 sem hrs
Basic elements of tap dancing: shuffle, slap, and ball change, including varied combinations of these and other elements. Tap notation and varied styles of tap explored. FA, SP

DAA2101 Modern Dance II, 3.0 sem hrs
Intermediate techniques and performance comprise the course. May be repeated one time for credit. (Prerequisite: DAA 1100 or permission of chairperson.) FA, SP

Pre-Reqs: DAA1100

DAA2201 Classical Ballet II, 3.0 sem hrs
A continuation of Classical Ballet I. This course will provide an intermediate level in the discipline of classical ballet. May be repeated one time for credit. FA, SP

Pre-Reqs: DAA1200

DAA2501 Intermediate Jazz Dance, 3.0 sem hrs
Dance Secondary level technique in basic movements of contemporary jazz dance. Primary emphasis is placed on lyrical, percussive and contemporary styles of jazz with improvisation choreography. May be repeated one time for credit. FA, SP

Pre-Reqs: DAA1500

DAA2540 Musical Theater Dance, 3.0 sem hrs
This course will explore the history of musical theater dance from the 1800s to the present time. Lecture and dance techniques are an integral part of the course methodology. FA, SP

Pre-Reqs: DAN1100 OR DAA1100

DAA2610 Dance Composition, 3.0 sem hrs
The analysis of dance movement and vocabulary related to the basic choreographic elements of space, time and energy will be examined. Individual choreography is an integral part of the course. FA, SP

Pre-Reqs: DAA1100

DAA2640 Choreography and Dance Ensemble, 2.0 sem hrs
The creation, preparation and performance of original dance compositions. Students participate in public performances as the Daytona State Dance Ensemble. May be repeated one time for credit. FA, SP

Conc-Reqs: DAA2640L

DAA2640L Choreography and Dance Ensemble Lab, 1.0 sem hrs
The creation, preparation and performance of original dance compositions. Students participate in public performances as the Daytona State Dance Ensemble. May be repeated one time for credit. FA, SP

Conc-Reqs: DAA2640

DAN - Dance

DAN1100 Dance Appreciation, 3.0 sem hrs
Lecture-based dance appreciation class. Extensive use of audio/visual materials which highlight the development of contemporary dance in America. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Co-Reqs: ENC1101

DAN2740 Stretch and Placement, 3.0 sem hrs
This course will investigate dynamic alignment principles as they relate to flexibility and movement quality. Emphasis is placed on the anatomical and kinesiological factors involved in movement and range of movement exercises as they relate to any movement oriented skills. FA, SP

DEA - Dental Assisting

DEA0000 Introduction to Dental Assisting, 1.0 voc hrs
This course explores the major historical events in dentistry. Other areas of study include ethics and jurisprudence, OSHA regulations, the state dental practice act, certification procedures, expanded functions for dental auxiliaries and an overview of the dental specialties. FA

Co-Reqs: DEA0020 AND DEA0020L

DEA0020 Chairside Assisting I, 1.5 voc hrs
This course introduces students to the knowledge and skills that are required of a dental assistant in clinical practice. Emphasis is placed on the knowledge and practice of proper infection control methods, principles of four-handed dentistry and restorative procedures. FA

Co-Reqs: DEA0130 AND DES0000
Conc-Reqs: DEA0020L

DEA0020L Chairside Assisting I Lab, 2.0 voc hrs
This course introduces students to the knowledge and skills that are required of a dental assistant in clinical practice. Emphasis is placed on the knowledge and practice of proper infection control methods, principles of four-handed dentistry and restorative procedures. FA

Co-Reqs: DEA0130 AND DES0000
Conc-Reqs: DEA0020
Lab Fees: $52.00

DEA0130 Biomedical Science, 2.0 voc hrs
This course is an introduction to the fundamentals of anatomy and physiology of the human body, with emphasis on head and neck anatomy. Other areas of study include histology, microbiology, pathology, oral pathology, pharmacology and medical/dental emergencies. FA

Co-Reqs: DEA0020 AND DEA0020L AND DES0000

DEA0801 Chairside Assisting II, 1.5 voc hrs
This course is a continuation of DEA 0020 Chairside Assisting I. This course exposes the students to the knowledge and skills that are required for a dental assistant in the various dental specialties. Emphasis is placed on the sequence of steps, armamentariums, expanded functions and procedures performed in specialized areas of dentistry. SP

Pre-Reqs: DEA0020L AND DES0000 AND DEA0020
Conc-Reqs: DEA0801L

DEA0801L Chairside Assisting II Lab, 2.0 voc hrs
This course is a continuation of DEA 0020 Chairside Assisting I. This course exposes the students to the knowledge and skills that are required for a dental assistant in the various dental specialties. Emphasis is placed on the sequence of steps, armamentariums, expanded functions and procedures performed in specialized areas of dentistry. SP

Pre-Reqs: DEA0020L AND DEA0020 AND DES0000
Conc-Reqs: DEA0801
Lab Fees: $60.00

DEA0850L Externship I, 8.0 voc hrs
Students are assigned to clinical facilities to develop competence in performing chairside assisting skills, expanded functions, minor laboratory and basic office procedures. Students must maintain current certification in cardiopulmonary resuscitation while rotating through clinical facilities. Seminars are conducted in order to correlate clinical experiences with instructional goals. SP

Pre-Reqs: DEA0020L AND DEA0020 AND DES0200 AND DES0200L
Lab Fees: $6.00

DEA0851L Externship II, 8.0 voc hrs
This is a continuation of DEA 0850L Externship I. Students are assigned to clinical facilities to perfect competence in performing chairside assisting skills, expanded functions, minor laboratory and basic office procedures. Students must maintain current certification in cardiopulmonary resuscitation while rotating through clinical facilities. Seminars are conducted in order to correlate clinical experiences with instructional goals. SU

Pre-Reqs: DEA0850L AND DEA0801 AND DEA0801L
Lab Fees: $6.00

DEH - Dental Hygiene

DEH1002 Preclinical Dental Hygiene, 2.0 sem hrs
This course is designed to acquaint students with the basic principles of dental hygiene practice. Lectures focus on diagnostic collection techniques, instrumentation and methods of infection control. FA

Pre-Reqs: BSC1085 AND BSC1086 AND BSC1085L AND BSC1086L
Conc-Reqs: DEH1002L

DEH1002L Preclinical Dental Hygiene Lab, 2.0 sem hrs
This course is designed to acquaint students with the basic principles of dental hygiene practice. Lectures focus on diagnostic collection techniques, instrumentation and methods of infection control. FA

Pre-Reqs: BSC1085 AND BSC1086L AND BSC1085L OR BSC1086
Conc-Reqs: DEH1002
Lab Fees: $46.00

DEH1133 Orofacial Anatomy and Physiology, 2.0 sem hrs
This course provides an in-depth study of the human dentition and supporting structures. Topics of study include anatomical landmarks of the oral cavity, tooth and root morphology, oral embryology, oral histology and nomenclature. FA

Pre-Reqs: BSC1086L AND BSC1085 AND BSC1086 AND BSC1085L

DEH1133L Orofacial Anatomy and Physiology Lab, 1.0 sem hrs
This course provides the student an opportunity to examine tooth and root morphology, occlusal relationships, stages of tooth development, histological tooth structures and the embryonic development of orofacial structures. The reproduction of the human dentition is emphasized. FA

Pre-Reqs: BSC1085 AND BSC1085L AND BSC1086L AND BSC1086

DEH1800 Clinical Dental Hygiene I, 2.0 sem hrs
This course is a continuation of DEH 1002/1002L Preclinical Dental Hygiene and Lab. Emphasis is on treatment planning, nonsurgical periodontal therapy, dentin hypersensitivity, dental ergonomics, and family abuse and neglect. Lectures focus on the care of patients with orthodontic appliances and dental prostheses, dental implants, use of tobacco products, and bloodborne infectious diseases. SP

Co-Reqs: DEH1800L
Pre-Reqs: DEH1002 AND DES1840 AND DEH1002L

DEH1800L Dental Hygiene Clinic I, 2.0 sem hrs
This course focuses on the utilization of patient assessment and treatment planning, periodontal debridement, and selective coronal polishing during clinical sessions. SP

Co-Reqs: DEH1800
Pre-Reqs: DEH1002 AND DEH1002L AND DES1200L AND DES1200
Lab Fees: $91.00

DEH1802 Clinical Dental Hygiene II, 2.0 sem hrs
This course is a continuation of DEH 1800 Clinical Dental Hygiene I. Topics include power instrumentation and debridement, air polishing, cosmetic whitening, intraoral photographic imaging, case development and presentation, indices and scoring methods, dietary analysis and nutritional counseling, and the care of patients with special needs. SU

Co-Reqs: DEH1802L
Pre-Reqs: DEH1800L AND DEH1800

DEH1802L Dental Hygiene Clinic II, 2.0 sem hrs
This course focuses on the refinement of basic skills pertaining to dental hygiene practice. SU

Co-Reqs: DEH1802
Pre-Reqs: DEH1800 AND DEH1800L
Lab Fees: $104.00

DEH2300 Pharmacology and Pain Control, 2.0 sem hrs
This course is a comprehensive comprehensive study of drugs and anesthetics used in the treatment of oral diseases. Special emphasis is given to the principles and techniques of pain control as it relates to the field of dentistry. FA

Pre-Reqs: BSC1086 AND CHM1025L AND BSC1086L AND CHM1025

DEH2400 General and Oral Pathology, 2.0 sem hrs
This course is a comprehensive study of oral abnormalities and disease processes with a focus on clinical identification. The principles of general pathology in relationship to the diseases and the oral cavity are emphasized. FA

Pre-Reqs: DEH2602 AND BSC1086L OR BSC1086

DEH2602 Periodontology, 3.0 sem hrs
This course is a study of the etiology, clinical manifestations, prognosis and treatment of periodontal disease. Periodontal examinations, treatment planning and the dental hygienist s role in periodontal therapy are emphasized. SP

Pre-Reqs: DEH1002 AND DEH1002L AND DES1840

DEH2702 Community Dental Health, 2.0 sem hrs
This course covers the philosophy and practice of community and public health dentistry. The study of statistical analysis, research methodology, epidemiology of dental disease and the role of the dental hygienist in the community are emphasized. Students are required to design and implement an oral health education program for a community group. SP

Pre-Reqs: DEH2804 AND DEH2602
Conc-Reqs: DEH2702L

DEH2702L Community Dental Health Lab, 1.0 sem hrs
This course covers the philosophy as well as the practice of community and public health dentistry. The study of statistical analysis, research methodology, epidemiology of dental disease and the role of the dental hygienist in the community are emphasized. Students are required to design and implement an oral health education program for a community group. SP

Pre-Reqs: DEH2804 AND DEH2602
Conc-Reqs: DEH2702

DEH2804 Clinical Dental Hygiene III, 2.0 sem hrs
This course is a continuation of DEH 1802 Clinical Dental Hygiene II. Lectures focus on applied techniques for patients with special needs. FA

Co-Reqs: DEH2804L
Pre-Reqs: DEH1802L AND DEH1802

DEH2804L Dental Hygiene Clinic III, 4.0 sem hrs
This course emphasizes the utilization of advanced dental hygiene skills, expanded functions and periodontal therapy. FA

Co-Reqs: DEH2804
Pre-Reqs: DEH1802 AND DEH1802L
Lab Fees: $115.00

DEH2806 Clinical Dental Hygiene IV, 2.0 sem hrs
This course is a continuation of DEH 2804 Clinical Dental Hygiene III. Lectures focus on applying for employment, prevention of medical errors, ethics, jurisprudence, and legal concerns which are relevant to clinical practice. Emphasis is on review of clinical case studies. SP

Co-Reqs: DEH2806L
Pre-Reqs: DEH2804L AND DEH2804

DEH2806L Dental Hygiene Clinic IV, 4.0 sem hrs
This course provides further proficiency of clinical skills and refinement of assessment capabilities in preparation for licensure and clinical practice. SP

Co-Reqs: DEH2806
Pre-Reqs: DEH2804L AND DEH2804
Lab Fees: $115.00

DEP - Psychology

DEP2001 Infant and Child Psychology, 3.0 sem hrs
An in-depth study of the concepts and principles of growth and development in infancy and childhood. FA, SP, SU

Pre-Reqs: PSY1012

DEP2004 Developmental Psychology, 3.0 sem hrs
A study of the various aspects of normal human development, equally emphasizing tasks, changes and adjustments that occur in each stage of the life span. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

DEP2402 Psychology of Adulthood and Aging, 3.0 sem hrs
An in-depth study of the concepts and principles of growth and development in adulthood and old age. A multicultural perspective will be utilized examining general adult developmental processes as well as examining differences among genders, ethnicities and cultures. FA, SP, SU

Pre-Reqs: PSY1012

DEP2481 Death & Dying: Life & Living, 3.0 sem hrs
An exploration of the meanings, human experiences and dilemmas associated with life and death in the twentieth century.
Lecture/discussion method. FA, SP, SU

Co-Reqs: ENC1101

DES - Dental Assisting/Hygiene (Support)

DES0000 Dental Anatomy and Physiology, 1.0 voc hrs
This course provides an in-depth study of the human dentition and supporting structures. Topics of study include: anatomical landmarks of
the oral cavity, tooth and root morphology, and oral histology and embryology. FA

Co-Reqs: DEA0020 AND DEA0020L AND DEA0130

DES0100 Dental Materials and Laboratory Procedures, 2.0 voc hrs
This course is designed to acquaint the student with the physical and chemical properties of materials used in dental practice. Instruction
and practice in the manipulation of materials and minor laboratory procedures are emphasized. FA

Co-Reqs: DEA0020L AND DEA0020 AND DES0000
Conc-Reqs: DES0100L

DES0100L Dental Materials and Laboratory Procedures Lab, 1.0 voc hrs
This course is designed to acquaint the student with the physical and chemical properties of materials used in dental practice. Instruction
and practice in the manipulation of materials and minor laboratory procedures is emphasized. FA

Co-Reqs: DEA0020 AND DEA0020L AND DES0000
Conc-Reqs: DES0100
Lab Fees: $65.00

DES0200 Dental Radiology, 2.0 voc hrs
This course is a study of the theories and principles of dental radiology. The following areas will be covered: history of X-ray development,
radiation physics, radiographic anatomy, processing techniques, radiation hygiene and safety, X-ray equipment and radiographic
techniques. Emphasis is placed on the interpretation, placement, exposing, processing and mounting of X-ray films during laboratory
sessions. FA

Co-Reqs: DEA0020 AND DEA0020L AND DES0000
Conc-Reqs: DES0200L

DES0200L Dental Radiology Lab, 1.0 voc hrs
This course is a study of the theories and principles of dental radiology. The following areas will be covered: history of X-ray development,
radiation physics, radiographic anatomy, processing techniques, radiation hygiene and safety, X-ray equipment and radiographic
techniques. Emphasis is placed on the interpretation, placement, exposing, processing and mounting of X-ray films during laboratory
sessions. FA

Co-Reqs: DEA0020 AND DEA0020L AND DES0000
Conc-Reqs: DES0200
Lab Fees: $65.00

DES0502 Practice Management, 1.0 voc hrs
This course instructs the student in the methods of maintaining dental office records. Other areas of study include bookkeeping systems,
dental insurance, telephone communications, patient management, recall systems, appointment control, oral and written communications,
inventory systems and supply ordering. SP

Pre-Reqs: DEA0000 AND DEA0020 AND DEA0020L

DES0840 Preventive Dentistry and Nutrition, 1.0 voc hrs
This course is a study of the mechanisms employed to avert or intercept dental disease and the conditions that tend to destroy oral
structures. Students are given the opportunity to study the utilization of food derivatives in the maintenance and repair of body and oral
tissues. Emphasis is placed on dietary considerations for the dental patient. SP

Pre-Reqs: DEA0020 AND DES0000 AND DEA0020L

DES1100 Elements of Dental Materials, 2.0 sem hrs
This course introduces the student to the physical and chemical properties of materials used in dental practice. Instruction and practice in
the manipulation of materials and minor laboratory procedures are emphasized during laboratory sessions. SU

Pre-Reqs: DES2830L AND CHM1025 AND CHM1025L
Conc-Reqs: DES1100L

DES1100L Elements of Dental Materials Lab, 1.0 sem hrs
This course introduces the student to the physical and chemical properties of materials used in dental practice. Instruction and practice in the manipulation of materials and minor laboratory procedures are emphasized during laboratory sessions. SU

Pre-Reqs: CHM1025L AND CHM1025 AND DES2830L
Conc-Reqs: DES1100
Lab Fees: $65.00

DES1200 Dental Radiography, 2.0 sem hrs
This course provides students with the fundamental background and theory for the safe and effective use of X-ray radiation. Laboratory sessions emphasize the placement, exposing, processing, mounting and interpretation of dental radiographs. FA

Pre-Reqs: BSC1086 AND BSC1086L AND CHM1025L AND CHM1025
Conc-Reqs: DES1200L

DES1200L Dental Radiography Lab, 2.0 sem hrs
This course provides students with the fundamental background and theory for the safe and effective use of X-ray radiation. Laboratory sessions emphasize the placement, exposing, processing, mounting and interpretation of dental radiographs. FA

Pre-Reqs: BSC1086 AND CHM1025 AND BSC1086L AND CHM1025L
Conc-Reqs: DES1200
Lab Fees: $65.00

DES1840 Preventive Dentistry, 2.0 sem hrs
This course is designed to introduce the student to the practice and philosophy of preventive dentistry. Methods of dental biofilm control, tooth deposits and stains, dental caries, fluorides, oral physiotherapy, interdental care and oral health care products are emphasized. FA

Pre-Reqs: BSC1086 AND BSC1086L AND BSC1085L AND BSC1085

DES2010 Head and Neck Anatomy, 2.0 sem hrs
This course is an in-depth study of the anatomy of the head and neck region. The skeletal, muscular, nervous, lymphatic and circulatory systems are emphasized. SP

Pre-Reqs: DEH1133 AND DEH1133L

DES2600 Medical and Dental Emergencies, 1.0 sem hrs
This course is designed to provide students with information on the signs, symptoms, treatment and equipment that is necessary to render care for common emergencies that can occur in the dental office. FA

Pre-Reqs: DEH1802 AND BSC1086 AND BSC1086L

DES2830L Expanded Functions for the Dental Hygienist, 2.0 sem hrs
This course provides students with didactic information and the laboratory experience to perform expanded functions that are permitted by the Florida laws and rules found in the Florida Statutes and Administrative Code. SP

Pre-Reqs: DEH1133 AND DEH1002 AND DEH1002L
Lab Fees: $50.00

DIG - Digital Media

DIG1109 Digital Imaging Fundamentals, 3.0 sem hrs
This course covers digital image manipulation, editing and file management techniques using industry software. Introduces students to personal computers, the Macintosh Operating System and peripheral devices as graphic production tools for design, photography and digital media. FA, SP, SU

Lab Fees: $20.00

DIG2100 Web Design I, 3.0 sem hrs
An introduction to professional tools, techniques and methods used in web publishing. Current industry production software is used to create and edit electronic pages, layouts and websites. This course is repeatable one time for credit. FA,SP

Pre-Reqs: DIG1109
Lab Fees: $20.00

DIG2101 Web Design II, 3.0 sem hrs
This course explores the advanced study of specific conceptual, aesthetic, and production design issues for interactive websites. Current industry production software is used to develop electronic pages and paths that contain animation, sound and video. SP

Pre-Reqs: DIG2100
Lab Fees: $20.00

DIG2115 Digital Imaging Fundamentals II, 3.0 sem hrs
A continuation of DIG1109, this course combines digital technology processes with fundamental photography skills. Emphasis is on tools, techniques, and aesthetics in a range of visual communication applications. SP, SU

Pre-Reqs: DIG1109
Lab Fees: $25.00

DIG2132 Digital Art & Design, 3.0 sem hrs
This course provides a sound theoretical introduction to the concepts, principles and techniques of digital art and design. Explores the use of the computer workstation as an art production and drawing tool using drawing and painting software to create and generate visuals. FA, SP

Pre-Reqs: GRA1741 OR ART1201
Lab Fees: $25.00

DIG2280 Digital Video and Sound, 3.0 sem hrs
This course introduces students to non-broadcast video production and concepts including camera operation, image control, aesthetics, and editing. Covers digital editing and digital audio post-production. FA, SP

Pre-Reqs: DIG1109 AND GRA1158
Lab Fees: $20.00

DIG2284 Advanced Digital Video and Sound, 3.0 sem hrs
This course in digital video production techniques covers advanced skills with production planning and execution, camera operation, editing and post-production effects. FA, SP

Pre-Reqs: DIG2280
Lab Fees: $20.00

DIG2300 2D Animation, 3.0 sem hrs
An introduction to two-dimensional animation concepts and techniques using traditional methods and computer software applications. Stresses the basics of moving imagery and covers storyboarding, scripting, backgrounds, surfaces, and lines of action. FA

Pre-Reqs: GRA1158 AND DIG2100 AND DIG1109
Lab Fees: $20.00

DIG2302 Introduction to 3D Animation, 3.0 sem hrs
An introduction to using computer software applications for three-dimensional modeling, mapping and rendering. Covers techniques to create moving images and simulations. SP

Pre-Reqs: DIG2300
Lab Fees: $20.00

DIG2500 Multimedia Authoring I, 3.0 sem hrs
An introduction to the design and construction of multimedia presentation materials for a range of electronic media. The student creates, arranges and manages audio, video, animation, graphics, typographic, and photographic sources to create effective informational, navigational, and interactive syntax. FA

Pre-Reqs: DIG2100 AND GRA1158 AND DIG1109
Lab Fees: $20.00

DIG2501 Multimedia Authoring II, 3.0 sem hrs
This course covers advanced concepts and techniques for multimedia authoring and production. Basic scripting concepts for animation elements and designing for interactivity are explored in a range of professional applications. SP

Pre-Reqs: DIG2500
Lab Fees: $20.00

ECO - Economics

ECO2013 Principles of Macro Economics, 3.0 sem hrs
An introduction to the fundamental principles and concepts of the U.S. national economy, including supply and demand analysis, national income accounting, economic growth, fiscal and monetary policy, business cycle theories and international trade. This course contributes to satisfying the Gordon Rule writing requirement. FA, SP, SU

Co-Reqs: ENC1101

ECO2023 Principles of Micro Economics, 3.0 sem hrs
An introduction to the fundamental principles and concepts of individual, business and government, including supply and demand, taxation price supports, plus analysis of labor, income distribution, politics, health care, and anti-trust. This course contributes to satisfying the Gordon Rule writing requirement. FA, SP, SU

Co-Reqs: ENC1101

ECO2905 Directed Study in Economics, 3.0 sem hrs
(Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

ECO2949 Cooperative Education Experience in Economics, 3.0 sem hrs
(Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

EDE - Education

EDE4223 Integrated Art, Music and Movement, 3.0 sem hrs
Provides understanding of art, music and movement/dance. Emphasis is placed on effects of integrated lesson planning and modeling techniques. Field experience required. Prerequisite: Admission to the BS Education program.

EDE4943 Student Internship, 9.0-10.0 sem hrs
Student Internship is the student teaching field experience course for the teacher education programs. Students are placed in a school or schools for the entire semester. A minimum of 10 weeks must be spent in full time teaching; 12 weeks may be required depending on the placement. Prerequisite: Acceptance into the teacher education program and completion of all courses required for certification. Acceptable review of professional portfolio. Students should also have passed the appropriate Florida Teacher Certification Exams required for the student's program (Professional Education and Subject Area Exams).

EDF - Education

EDF1005 Introduction to the Teaching Profession, 3.0 sem hrs
The purpose of this course is to introduce students to the education profession. Students will understand the historical, sociological and philosophical foundations of the profession as well as the challenges educators face in the 21st century. This course requires a 15 hour field experience placement in public schools. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

Lab Fees: $10.00

EDF2030 Effective Classroom Management, 3.0 sem hrs
Basic principles relating to classroom management, student discipline, use of reward systems and the role of the teacher in relation to faculty and staff. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

EDF2060 History of Education in the USA, 3.0 sem hrs
The historical development of American education including contributions, conflicts and changes in educational thought. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

EDF2085 Introduction to Diversity for Educators, 3.0 sem hrs
Orientation to the instructional needs of diverse classroom populations including cultural, racial, religious, ethnic, gender issues, learning styles, abilities and disabilities. Observation in diverse settings, some in public schools, required. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

EDF2949 Cooperative Education Experience in Education, 3.0 sem hrs
Cooperative Education Experience in Education FA, SP, SU

EDF3214 Child/Adolescent Development and Learning, 3.0 sem hrs
This course provides an examination of the various stages of human development and their relationship to contemporary theories of learning including motivation of at-risk urban and special needs students. This course requires field experience in public schools.

EDF4430 Classroom Assessment, 3.0 sem hrs
This class is designed to help the pre-service teacher understand the principles of assessment, the different assessment strategies which can be used in the classroom, formative and summative evaluation, test construction, rubrics, alternative assessment and interpretation of standardized test information. This class requires field experience in a public school. Prerequisite: Admission to the teacher education program.

EDF4603 Critical Issues in Classroom Management, Ethics, Law and Safety, 3.0 sem hrs
This course covers basic skills and knowledge for creating a safe environment that encourages learning, positive social interaction, and effective communication among students of diverse gender, ability, culture, language, race, ethnicity, and sexual orientation. The course emphasizes attitudes, language patterns, communication, values, and behaviors for eliciting and maintaining student learning as well as on-task behaviors. Included are methods and strategies for communicating and working safely and effectively with students, other school professionals, community members, and parents. The course examines public and private school law as it affects teachers' legal rights and legal responsibilities to students. The course covers ethical issues relevant to teaching and the development of one's personal professional ethics. This course requires field experience in the public schools.

EDG - Education

EDG2905 Directed Study in Education, 3.0 sem hrs
Directed Study in Education (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

EDG4323 Professional Teaching Practices, 3.0 sem hrs
This course is designed to provide the pre-service teacher with essential skills of planning units and lessons, selecting learning outcomes, appropriate activities, and methods of learning to achieve student learning outcomes and methods of assessment. This course requires field experience in the public schools. Prerequisite: Admission to the teacher education program.

EDP - Education

EDP2002 Educational Psychology, 3.0 sem hrs
Application of psychological principles to the educational process and the effect of intelligence factors, environment, emotions and motivation on learning. Lecture and discussion method. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

EEC - Early Childhood Education

EEC2401 Home, School and Community, 2.0 sem hrs
Designed for students to become acquainted with the dynamics of the relationships of home, school and community in early childhood education. SP

EEC2523 Leadership and Management of Child Care Programs, 3.0 sem hrs
This course is designed to study and develop competencies in the administrator s leadership role in the organizational structure of a child care center. This course is intended to meet one of the course requirements of the Advanced Level Child Care and Education Administrator Credentials as defined by the state of Florida. FA, SP

EEC2527 Child Care Center Financial and Legal Issues, 3.0 sem hrs
This course is designed to study and develop competencies in Financial and Legal Issues in child care programs. This course is intended to meet one of the course requirements of the Advanced Level Child Care and Education Administrator Credentials as defined by the state of Florida. FA, SP

EET - Electronic Technology

EET1011 Introduction to Electrical Circuits, 2.0 sem hrs
An introduction to the basic concepts of electricity and magnetism. Emphasis is placed on resistance, capacitance and inductance as basic circuit components. FA, SP

Pre-Reqs: MAT0024

Conc-Reqs: EET1011L

EET1011L Introduction to Electrical Circuits Lab, 1.0 sem hrs
An introduction to the basic concepts of electricity and magnetism. Emphasis is placed on resistance, capacitance and inductance as basic circuit components. FA, SP

Conc-Reqs: EET1011

Lab Fees: $25.00

EET1021 Advanced Electrical Circuits, 2.0 sem hrs
An introduction to the basic concepts of alternating voltage and current. Emphasis is placed on resistance, capacitance and inductance as basic AC circuit components. FA, SP

Co-Reqs: MAC1105
Pre-Reqs: EET1011L AND EET1011
Conc-Reqs: EET1021L

EET1021L Advanced Electrical Circuits Lab, 1.0 sem hrs
An introduction to the basic concepts of alternating voltage and current. Emphasis is placed on resistance, capacitance and inductance as basic AC circuit components. FA, SP

Conc-Reqs: EET1021
Lab Fees: $25.00

EET1141 Analog Devices and Circuits, 3.0 sem hrs
Introduces the concepts of circuit simplification via idealizations, approximations and an overview of semiconductor devices and their electrical properties. Emphasis is placed on circuit analysis. SP

Co-Reqs: EET1021
Pre-Reqs: EET1011 AND EET1011L
Conc-Reqs: EET1141L

EET1141L Analog Devices and Circuits Lab, 1.0 sem hrs
Introduces the concepts of circuit simplification via idealizations, approximations and an overview of semiconductor devices and their electrical properties. Emphasis is placed on circuit analysis. SP

Conc-Reqs: EET1141
Lab Fees: $30.00

EET1607 Electronics Assembly and Cabling, 2.0 sem hrs
This course involves lab environment training in communications cabling and electronics assembly techniques. Topics covered include computer network cable fabrication, installation, and management, safety, testing and troubleshooting, cabling industry standards, component recognition, soldering and desoldering methods, and reading and drawing of schematics. FA, SP

Conc-Reqs: EET1607L

EET1607L Electronics Assembly and Cabling Lab, 1.0 sem hrs
This course involves lab environment training in communications cabling and electronics assembly techniques. Topics covered include computer network cable fabrication, installation, and management, safety, testing and troubleshooting, cabling industry standards, component recognition, soldering and desoldering methods, and reading and drawing of schematics. FA, SP

Conc-Reqs: EET1607
Lab Fees: $30.00

EET2142 Analog Circuits and Basic Analog Communications, 3.0 sem hrs
Circuits covered are more complex in applications. Includes FET circuitry, amplitude/phase shift response of transistor circuits, integrated circuits and negative and positive feedback circuits. FA

Pre-Reqs: EET1141L AND EET1141

EET2142L Analog Circuits and Basic Analog Communications Lab, 1.0 sem hrs
Circuits covered are more complex in applications. Includes FET circuitry, amplitude/phase shift response of transistor circuits, integrated circuits and negative and positive feedback circuits. FA

Conc-Reqs: EET2142
Lab Fees: $20.00

EET2326 Wireless Communications, 3.0 sem hrs
A comprehensive study of electronic communication systems, including topics in fiber optic, AM/FM radio, transmission lines, antennas, wave propagation, microwave techniques and other broadcast technologies. SP

Pre-Reqs: EET2142L AND EET2142
Conc-Reqs: EET2326L

EET2326L Wireless Communications Lab, 1.0 sem hrs
A comprehensive study of electronic communication systems, including topics in fiber optic, AM/FM radio, transmission lines, antennas, wave propagation, microwave techniques and other broadcast technologies. SP

Conc-Reqs: EET2326
Lab Fees: $30.00

EET2905 Directed Study in Electronics, 4.0 sem hrs
Directed Study in Electronics FA, SP, SU

EET2949 Cooperative Education Experience in Electronics, 1.0-4.0 sem hrs
Cooperative Education Experience in Electronics FA, SP, SU

EEX - Education (Exceptional Child)

EEX1600 Classroom Management (Early Childhood), 2.0 sem hrs
Course designed to acquaint the student with factors that influence learning and behavior, and with strategies for changing behavior. SP

Lab Fees: $5.00

EEX2010 Introduction to Special Education, 3.0 sem hrs
This course provides an introduction to exceptional education and includes basic information on etiology and characteristics as well as the programs and services provided to this population.

Pre-Reqs: EDF1005
Lab Fees: $10.00

EEX2080 Teaching the Exceptional Learner, 3.0 sem hrs
This course provides students with strategies and methods to teach learners with special needs. SU

EEX3240 Organization, Curriculum Theory and Instructional Strategies, 2.0 sem hrs
The course focuses on the development of well-researched methods for teaching reading, language arts, and math at the K-12 levels for exceptional students. It includes teaching and remedial methodology for promoting progress in basic academic subject matter, rates of presentation, and techniques of motivation. This course requires field experience in the public schools.

EEX3280 Career/Vocational Assessment and Planning, 2.0 sem hrs
This is a non-categorical course designed to introduce special educators to the career and vocational futures of mildly and severely handicapped youth. Two general areas that will be developed include (a) career/vocational content, and (b) basic skills expected of special education students. Field service is required.

EEX4070 Teaching Exceptional Students, 3.0 sem hrs
This course provides an examination of the various stages of human development and their relationship to contemporary theories of learning including motivation of at-risk urban and special needs students. This course requires field experience in the public schools.

EEX4221 Assessment of Exceptional Education Students, 3.0 sem hrs
This course will examine the various assessment strategies for diagnosis and intervention of learning, behavioral, and developmental needs of students who qualify for exceptional student education (ESE) services. It will include development of individual education plans to align curriculum, instructional methods, and evaluation to meet the identified needs of students. This course requires field service in the public schools.

EEX4242 Teaching Exceptional Students in Secondary Schools, 3.0 sem hrs
This course will examine specific instructional interventions, approaches, current issues, curriculum, and learning strategies appropriate for working with adolescents with exceptional needs. This course requires field experience in the public schools.

EEX4601 Behavior Management, 3.0 sem hrs
This course is designed to provide familiarization, observation, and application of effective behavior management principles for general and exceptional students in preschool through Grade 12 educational settings. It will explore the historical foundations for understanding behavior, implications for discipline, and measurement, charting, assessment, and strategies for modifying behavior. It will include practical application of these principles for working with students with linguistic, cultural, behavioral, and diverse learning characteristics. This course requires field experience.

EEX4943 Student Externship, 9.0 sem hrs
Student Internship is the student teaching field experience for the teacher education programs. Students are placed in a school or schools for the entire semester. A minimum of 10 - 12 weeks must be spent in full time teaching. (Prerequistes: Acceptance into the teacher education program and completion of all courses required for certification. Students should also have passed the appropriate Florida Teacher Certification Exams required for the student's program. Professional Education and Subject Area Exams).

EGS - Engineering Technology

EGS1000 Professional Performance for Technicians, 3.0 sem hrs
Introduction to professional training activities related to organizations including interpersonal relationships, problem solving, goal settings, ethics, policy and procedures, personal development and organizational structures and cultures. FA, SP, SU

Lab Fees: $10.00

EGS1110 Engineering Drawing, 2.0 sem hrs
Drawing, lettering, dimensioning and geometric constructions; orthographic, isometric and oblique projections and drawings; sketching and working and assembly drawings. FA

Conc-Reqs: EGS1110L

EGS1110L Engineering Drawing Lab, 1.0 sem hrs
Drawing, lettering, dimensioning and geometric constructions; orthographic, isometric and oblique projections and drawings; sketching and working and assembly drawings. FA

Conc-Reqs: EGS1110

EGS2650 Technical Ethics, 1.0 sem hrs
This course is designed to make the student aware of the ethical responsibilities associated with extensive technical knowledge. Topics to be explored include electronic privacy intrusion, proprietary product knowledge and unclear or untried legislation regarding technical capabilities. FA, SP

EGS2905 Directed Study in Electronics, 1.0-4.0 sem hrs
Directed Study in Engineering FA, SP, SU

EME - Education

EME2040 Introduction to Education Technology, 3.0 sem hrs
This is a practical course in computer-assisted educational research, curriculum development, and instruction for the multimedia classroom. Adaptations for ESE and ELL students are included in the course. FA, SP

Lab Fees: $10.00

EME3434 Integrating Technology into Math and Science, 3.0 sem hrs
The purpose of this course is to explore the multitude of technologies currently available for use in secondary classrooms; evaluate them and determine the appropriateness of them for the diverse 6-12 classroom. Prerequisite: EME 2040

Pre-Reqs: EME2040

EMS - Emergency Medical Services

EMS0068 Dispatcher, Police, Fire, and Ambulance, 6.93 voc hrs
This course prepares students for employment as a dispatcher in various public safety settings such as police fire and ambulance service. Students will learn standard telecommunication operating procedures and computer equipment operation. FA, SP, SU

EMS0069 Emergency Medical Dispatcher, 0.8 voc hrs
This course provides the instruction and skills practice sufficient to achieve Emergency Medical Dispatcher certification eligibility. Medical terms, legal aspects and emergency medical procedures are emphasized. FA, SP, SU

EMS1119 Emergency Medical Technician I, 7.0 sem hrs
Emphasizes basic life support skills necessary to work as an Emergency Medical Technician. Skills include assessment and pre-hospital care of the sick and injured. This course prepares the student for state licensure and the paramedic curriculum. FA, SP, SU

Co-Reqs: EMS1401L AND EMS1431

EMS1401L Emergency Medical Technician I Lab, 2.0 sem hrs
This course is designed to develop skills necessary for state licensing and employment as an Emergency Medical Technician. It emphasizes practical application of pre-hospital emergency care procedures in EMS 1119. (Corequisites: EMS 1119 and EMS 1431.) Lab fee: $125. FA, SP, SU

Co-Reqs: EMS1119 AND EMS1431
Lab Fees: $125.00

EMS1431 Emergency Medical Technician Clinical/Field Experience, 2.0 sem hrs
This course is designed to fuse the theory learned in lecture and skills learned in lab while participating as part of the Emergency Medical Services (EMS) team in the pre-hospital and hospital settings. Students will participate in clinical rotations in an Emergency Department and on-board and Advanced Life Support (ALS) ambulance. FA, SP, SU

Co-Reqs: EMS1401L AND EMS1119
Conc-Reqs: EMS1431L

EMS2603 Paramedic I, 9.0 sem hrs
The Paramedic is a certified allied health provider qualified in advanced life support. Skills and knowledge include recognition, assessment and management of the acutely ill or injured patient. This course serves as the building block to prepare the candidate with the necessary background information and basic cognitive knowledge to successfully complete the Paramedic program. FA, SP, SU

Co-Reqs: EMS2666
Conc-Reqs: EMS2603L

EMS2603L Paramedic I Lab, 4.0 sem hrs
Practical application of the didactic and laboratory instruction received in EMS 2603 to include advanced patient assessment, airway management, clinical decisions, communications and documentation. FA, SP, SU

Co-Reqs: EMS2666
Conc-Reqs: EMS2603
Lab Fees: $150.00

EMS2604 Paramedic II, 9.0 sem hrs
This course emphasizes the recognition and advanced pre-hospital care of the traumatically injured patient and the patient presenting with a medical emergencies related to respiratory, cardiovascular, neurological, endocrine, gastroenterologic, renal or urologic, toxic exposure, environmental, behavioral, gynecologic and obstetric pathologies. FA, SP,SU

Co-Reqs: EMS2667
Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603
Conc-Reqs: EMS2604L

EMS2604L Paramedic II Lab, 3.0 sem hrs
Practical application of the didactic and laboratory instruction received in EMS 2604 to include advanced patient assessment, clinical decisions, communications, and documentation. FA, SP, SU

Co-Reqs: EMS2667
Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603
Conc-Reqs: EMS2604
Lab Fees: $100.00

EMS2605 Paramedic III, 8.0 sem hrs
This course presents information on the pathophysiological principles and assessment findings of patients with special needs and integrates assessment-based management with clinical decision-making and transport considerations. It also develops an awareness of special considerations in the application and delivery of Emergency Medical Services and further defines the role of the Paramedic within the EMS system. FA, SP, SU

Co-Reqs: EMS2659 AND EMS2668
Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667
Conc-Reqs: EMS2605L

EMS2605L Paramedic III Lab, 3.0 sem hrs
Practical application of the didactic and laboratory instruction received in EMS 2605 to include advanced patient assessment, airway management, clinical decision-making, communication skills and documentation. FA, SP, SU

Co-Reqs: EMS2659 AND EMS2668
Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667
Conc-Reqs: EMS2605
Lab Fees: $100.00

EMS2659 Paramedic Field Internship, 3.0 sem hrs
This is the capstone course of the Paramedic program. Interns will participate as lead crewmembers aboard a licensed Advanced Life Support transport ambulance during a 240-hour field internship with an assigned preceptor. FA, SP, SU

Co-Reqs: EMS2605L AND EMS2605
Pre-Reqs: EMS2667 AND EMS2604L AND EMS2604
Lab Fees: $100.00

EMS2666 Paramedic Clinical I, 1.0 sem hrs
Rotation through various departments of local hospitals, health department and Advanced Life Support EMS providers performing invasive and noninvasive paramedic skills under the direct supervision of the clinical instructor and/or assigned preceptor. The EMS program clinical coordinator or designee will provide clinical schedules. Students are responsible for transportation to and from the clinical sites. FA, SP, SU

Co-Reqs: EMS2603 AND EMS2603L

EMS2667 Paramedic Clinical II, 2.0 sem hrs
Rotation through various departments of local hospitals, health department and Advanced Life Support EMS providers performing invasive and non-invasive paramedic skills under the direct supervision of the clinical instructor and/or assigned preceptor. The EMS program clinical coordinator or designee will provide clinical schedules. Students are responsible for transportation to and from the clinical sites. FA, SP, SU

Co-Reqs: EMS2604L AND EMS2604
Pre-Reqs: EMS2603 AND EMS2603L

EMS2905 Directed Study in Emergency Medical Services, 3.0 sem hrs
Directed Study in Emergency Medical Services FA, SP, SU

EMS2949 Cooperative Education Experience in Emergency Medical Services, 1.0-4.0 sem hrs
Cooperative Education Experience in Emergency Medical Services FA, SP, SU

ENC - English Language and Literature

ENC0001 Writing I, 3.0 college prep hrs
Designed for students demonstrating a need for strengthening skills in sentence construction, grammar and usage. The course stresses improvement of these skills through drill and practice in writing. Required for students scoring below minimum score on placement test. (ENC 0001 cannot be used toward AA, AAS or AS degree requirements.) FA, SP, SU

Conc-Reqs: ENC0001L

ENC0001L Writing I Lab, 1.0 college prep hrs
Designed for students demonstrating a need for strengthening skills in sentence construction, grammar and usage. The course stresses improvement of these skills through drill and practice in writing. Required for students scoring below minimum score on placement test. (ENC 0001L cannot be used toward AA, AAS or AS degree requirements.) FA, SP, SU

Conc-Reqs: ENC0001
Lab Fees: $15.00

ENC1101 College Composition, 3.0 sem hrs
Designed to develop skills in expressive, expository and persuasive writing, theme construction and style. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Lab Fees: $15.00

ENC1102 Literature and Composition, 3.0 sem hrs
An introduction to the study of literature, together with the development of writing and research skills. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Pre-Reqs: ENC1101
Lab Fees: $15.00

ENC1122 Honors Composition, 3.0 sem hrs
Designed to develop skills in analytical reading, critical thinking and expository and persuasive writing, theme construction and style. For honors students, this enriched curriculum takes the place of ENC1102. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Pre-Reqs: ENC1101

ENC2210 Report Writing, 3.0 sem hrs
Principles and techniques for presenting technical and job related information, including primary research, graphically as well as in clear, concise written form. FA, SP

Pre-Reqs: ENC1101
Lab Fees: $15.00

ENC2341 Article Writing, 3.0 sem hrs
Designed for analysis and writing of expository, descriptive and narrative articles on subjects of contemporary interest. Emphasis is placed on individual creativity and research.

Pre-Reqs: ENC1101

ENG - English Language and Literature

ENG2100 Introduction to Film, 3.0 sem hrs
Designed to enable students to better understand the structure of individual films and the means by which films tell stories. The course will focus on the elements of film, technology, and/or popular topics in film. FA

Pre-Reqs: ENC1101
Lab Fees: $15.00

ENG2905 Directed Study in English, 1.0-3.0 sem hrs
Directed Study in English (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

ENL - English Lanuguage and Literature

ENL2012 Early English Literature, 3.0 sem hrs
Offered as part of the Cambridge University Summer Program in Cambridge, England. A study of selected readings from Beowulf to the end of the 18th century. SU

Pre-Reqs: ENC1101

ENL2022 Nineteenth Century English Literature, 3.0 sem hrs
A study of selected readings from the nineteenth century to the present. Genres of poetry, plays, essays, novels and short stories will be studied.

Pre-Reqs: ENC1101

ENL2280 Contemporary English Literature, 3.0 sem hrs
A survey of representative British and Irish writers of the 20th century.

Pre-Reqs: ENC1101

ENL2931 Selected Topics in Shakespeare, 3.0 sem hrs
Course focuses on Shakespeare s plays and poetry. Students read and view plays, including the study of staging, plot, characterization and language in Shakespearean works. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. Course is also offered in SU as part of the Cambridge University Summer Program in Cambridge, England. FA, SP

Pre-Reqs: ENC1101
Lab Fees: $15.00

EPI - Educator Preparation Institute

EPI0001 Classroom Management, 3.0 sem hrs
This course focuses on how to maintain a classroom. Topics include: record keeping, classroom management, school safety, Integrating Sunshine State Standards into curriculum, development of lesson plans, parent conference management, assessment techniques, implications of the Florida Comprehensive Assessment Test (FCAT) and other standardized tests, professional ethics and school law. (Prerequisite: Permission of Chairperson.)

EPI0002 Instructional Strategies, 3.0 sem hrs
This course focuses on proficiency in the application of a variety of instructional strategies. These include multimodal instruction, learning styles knowledge, cooperative and collaborative learning, accommodations for exceptional students, and the infusion of technology into lesson plans. (Prerequisite: Permission of Chairperson.)

EPI0003 Technology, 3.0 sem hrs
This course focuses on teaching the participant to employ technology as an integral part of the teaching and learning process. Instruction is provided in commonly used software suites and on the Internet. Technology and Internet integration into the classroom is emphasized. (Prerequisite: Permission of Chairperson.)

EPI0004 Teaching and Learning Process, 3.0 sem hrs
This course focuses on instructing the participant in various learning theories as applied in the instructional process. Topics will include learning theories, motivation and persistence, intelligence, exceptionalities, standardized testing, critical thinking, multiple intelligences, and second language acquisition. (Prerequisite: Permission of Chairperson.)

EPI0010 Foundations of Research-Based Practices in Reading, 3.0 sem hrs
This course focuses on instructing the participant on proper language structure, function and cognition of phonemic awareness, phonics, fluency, vocabulary, and comprehension. This instruction is grounded in scientifically-based research. This constitutes a portion of the reading endorsement. (Prerequisite: Permission of Chairperson.)

EPI0020 Professional Foundations, 2.0 sem hrs
This course instructs the participant on the necessary foundation for becoming a productive member of the teaching profession. Topics will include history and philosophy of education, school governance, school finance, school law, ethics, purpose of schools, and continuing professional development. (Prerequisite: Permission of Chairperson.)

EPI0030 Diversity, 2.0 sem hrs
This course instructs the participant on the necessary understanding of the variety of backgrounds and cultures that may be found in a typical classroom and how social class, religion, language, gender differences, culture, ethnicity, physical differences, and prejudices have an effect on how students learn. (Prerequisite: Permission of Chairperson.)

EPI0940 Field Experience I (Professional Foundations), 1.0 sem hrs
This portion of the program provides two (2) 15 hour field experience segments in a public, charter or accredited private school - one segment per major semester. (Prerequisite: Permission of Chairperson.)

EPI0945 Field Experience II (Diversity), 1.0 sem hrs
This portion of the program provides two (2) 15 hour field experience segments in a public, charter or accredited private school - one segment per major semester. (Prerequisite: Permission of Chairperson.)

ESE - Education

ESE4943 Student Internship, 9.0 sem hrs
Student Internship is the student teaching field experience for the teacher education programs. Students are placed in a school or schools for the entire semester. A minimum of 10-12 weeks must be spent in full-time teaching in a public school. Prerequisites: Acceptance into the teacher education program and completion of all courses required for certification at an acceptable level. Students should also have passed the appropriate Florida Teacher Certification Exams required for the student's program (Professional Education and Subject Area Exams).

ESE4945 Internship Seminar, 3.0 sem hrs
The purpose of this course is to be a support course for senior internship. The focus of the course will be issues in the 6-12 setting, competencies which need to be addressed, and professional development plans. Co-requisite: must be enrolled in ESE4943

ETC - Engineering Technologies

ETC2207 Construction Planning and Estimating, 2.0 sem hrs
Construction project organization and management, contracting and construction. Estimating fundamentals: square-foot estimates; quantity take-off; unit pricing; direct and indirect costs. Scheduling: network diagram setting and critical path analysis; bar charts; resource analysis; project control. Manual and computer approaches are used. Project: estimate and schedule a small facility construction. FA

Pre-Reqs: BCN1210
Conc-Reqs: ETC2207L

ETC2207L Construction Planning and Estimation Lab, 1.0 sem hrs
Construction project organization and management, contracting and construction. Estimating fundamentals: square-foot estimates; quantity take-off; unit pricing; direct and indirect costs. Scheduling: network diagram setting and critical path analysis; bar charts; resource analysis; project control. Manual and computer approaches are used. Project: estimate and schedule a small facility construction. FA

Conc-Reqs: ETC2207
Lab Fees: $9.00

ETC2245 Construction Methods, 3.0 sem hrs
Civil Engineering specialized methods including: site investigation; foundation construction; piles and pile driving; drilling rock and earth; rock blasting; conveyor belt systems; production of aggregates; compressed air; and pumping operations. Cursory review of Construction Codes and Licensing requirements. Small research project on special construction methods or systems. SP

Lab Fees: $3.00

ETD - Engineering Technologies (Drafting)

ETD2218 Geometric Tolerancing, 2.0 sem hrs
An introductory course in dimensioning and tolerancing using the Geo-Metric method nationally accepted as per ANSI Y14.5. SP

Pre-Reqs: EGS1110
Conc-Reqs: ETD2218L

ETD2218L Geometric Tolerancing Lab, 1.0 sem hrs
An introductory course in dimensioning and tolerancing using the Geo-Metric method nationally accepted as per ANSI Y14.5. SP

Conc-Reqs: ETD2218

ETD2320 Computer Aided Drafting I (AutoCAD), 2.0 sem hrs
A first course in computer aided drafting covering equipment, drawing setup, creating geometry, use of text, dimensioning, plotting and file management. FA, SP, SU

Conc-Reqs: ETD2320L

ETD2320L Computer Aided Drafting I (AutoCAD) Lab, 1.0 sem hrs
A first course in computer aided drafting covering equipment, drawing setup, creating geometry, use of text, dimensioning, plotting and file management. FA, SP, SU

Conc-Reqs: ETD2320
Lab Fees: $10.00

ETD2340 Computer Aided Drafting II (AutoCAD), 2.0 sem hrs
An intermediate course in computer aided drafting covering hatching, external references, blocks, attributes and 3-D modeling. FA, SP, SU

Pre-Reqs: ETD2320
Conc-Reqs: ETD2340L

ETD2340L Computer Aided Drafting II (AutoCAD) Lab, 1.0 sem hrs
An intermediate course in computer aided drafting covering hatching, external references, blocks, attributes and 3-D modeling. FA, SP, SU

Conc-Reqs: ETD2340
Lab Fees: $10.00

ETD2350 Computer Aided Design Applications (AutoCAD), 2.0 sem hrs
Advanced applications course utilizing CAD software to produce finished drawings. Topics include Windows operating system, text editors, software variables, menu modification, macros, and programming FA

Pre-Reqs: ETD2320
Conc-Reqs: ETD2350L

ETD2350L Computer Aided Design Applications (AutoCAD) Lab, 1.0 sem hrs
Advanced applications course utilizing CAD software to produce finished drawings. Topics include Windows operating system, text editors, software variables, menu modification, macros, and programming FA

Conc-Reqs: ETD2350
Lab Fees: $10.00

ETD2355 Inventor Solid Modeling, 2.0 sem hrs
Advanced course in drafting using Inventor software for 3D modeling and surface generation. FA, SP

Conc-Reqs: ETD2355L

ETD2355L Inventor Solid Modeling Lab, 1.0 sem hrs
Advanced course in drafting using Inventor software for 3D modeling and surface generation. FA, SP

Conc-Reqs: ETD2355
Lab Fees: $10.00

ETD2364 SolidWorks Solid Modeling, 2.0 sem hrs
A course covering the creation of 3D solid models for manufacturing utilizing SolidWorks software. Topics include sketching, dimensioning, extruding, revolves, sweeps, booleans, shelling, assemblies, drawing creation, design tables, exploded views and rendering. SP

Conc-Reqs: ETD2364L

ETD2364L SolidWorks Solid Modeling Lab, 1.0 sem hrs
A course covering the creation of 3D solid models for manufacturing utilizing SolidWorks software. Topics include sketching, dimensioning, extruding, revolves, sweeps, booleans, shelling, assemblies, drawing creation, design tables, exploded views and rendering. SP

Conc-Reqs: ETD2364
Lab Fees: $10.00

ETD2377 3D Computer Animation (3D Studio), 2.0 sem hrs
An introductory course in 3D animation for technical graphics that includes object creation, editing, lighting, materials, keyframing and rendering. SP

Conc-Reqs: ETD2377L

ETD2377L 3D Computer Animation (3D Studio) Lab, 1.0 sem hrs
An introductory course in 3D animation for technical graphics that includes object creation, editing, lighting, materials, keyframing and rendering. SP

Conc-Reqs: ETD2377
Lab Fees: $10.00

ETD2395 Architectural CAD (Architectural Desktop), 2.0 sem hrs
Architectural design and drafting utilizing Architectural Desktop software. Topics include floor plans, doors, windows, roofs, stairs, annotations, elevations, sections and commercial structures. SP

Conc-Reqs: ETD2395L

ETD2395L Architectural CAD (Architectural Desktop) Lab, 1.0 sem hrs
Architectural design and drafting utilizing Architectural Desktop software. Topics include floor plans, doors, windows, roofs, stairs, annotations, elevations, sections and commercial structures. SP

Conc-Reqs: ETD2395
Lab Fees: $10.00

ETD2465 Tool Design, 2.0 sem hrs
An entry-level course covering theory, principles and techniques for the modern design of tools, jigs, fixtures and related tooling. SP

Pre-Reqs: ETD2320
Conc-Reqs: ETD2465L

ETD2465L Tool Design Lab, 1.0 sem hrs
An entry-level course covering theory, principles and techniques for the modern design of tools, jigs, fixtures and related tooling. SP

Conc-Reqs: ETD2465

ETD2540 Civil Drafting and Surveying (CAD), 2.0 sem hrs
Interpretation of USGS maps. Theory and application of field data in measurements, land surveying and grading; surveying data acquisition. Lot, building lines and grades layout. Drawing contour lines, street and highway plans, profiles and cross-sections. Excavation quantities. Horizontal circular curves and vertical curves for road work. Drawings are prepared using CAD computer software. FA

Pre-Reqs: ETD2320
Conc-Reqs: ETD2540L

ETD2540L Civil Drafting and Surveying (CAD) Lab, 1.0 sem hrs
Interpretation of USGS maps. Theory and application of field data in measurements, land surveying and grading; surveying data acquisition. Lot, building lines and grades layout. Drawing contour lines, street and highway plans, profiles and cross-sections. Excavation quantities. Horizontal circular curves and vertical curves for road work. Drawings are prepared using CAD computer software. FA

Conc-Reqs: ETD2540
Lab Fees: $10.00

ETD2805 Technical Illustration, 2.0 sem hrs
Methods and techniques of pictorial drawing as related to mechanical and industrial graphics using AutoCAD. FA

Pre-Reqs: ETD2320
Conc-Reqs: ETD2805L

ETD2805L Technical Illustration Lab, 1.0 sem hrs
Methods and techniques of pictorial drawing as related to mechanical and industrial graphics using AutoCAD. FA

Conc-Reqs: ETD2805

ETG - Engineering Technologies

ETG2520 Statics and Strength of Materials, 3.0 sem hrs
Fundamental principles of statics including forces, resultant, components, reactions, analysis of trusses, strength of materials, stresses and strains, tensile testing of steel and basic mechanical properties, section properties for analysis and design, friction, shear and bending moment diagrams and theory of bending. FA, SP

Pre-Reqs: MTB1348 OR MAC1105

ETG2906 Directed Study in Engineering, 1.0-4.0 sem hrs
Directed Study in Engineering FA, SP, SU

ETG2949 Cooperative Education Experience in Engineering, 1.0-4.0 sem hrs
Cooperative Education Experience in Engineering FA, SP, SU

ETM - Engineering Technologies (Simulation and Robotics)

ETM2315 Simulation Power and Control, 2.0 sem hrs
Electro-mechanical, Hydraulics and Pneumatics A practical approach to technical problems involving hydraulics and pneumatics, fluid mechanics, hydrostatic forces, and pipe and pump operation including the electrical circuitry needed to operate and control mechanical and hydraulic/pneumatic systems. FA

Pre-Reqs: EET1021 AND COP1000
Conc-Reqs: ETM2315L

ETM2315L Simulation Power and Control Lab, 1.0 sem hrs
Electro-mechanical, Hydraulics and Pneumatics A practical approach to technical problems involving hydraulics and pneumatics, fluid mechanics, hydrostatic forces, and pipe and pump operation including the electrical circuitry needed to operate and control mechanical and hydraulic/pneumatic systems. FA

Conc-Reqs: ETM2315
Lab Fees: $50.00

EUH - History

EUH2000 History of Western Civilization to 1648, 3.0 sem hrs
An analysis of the major changes in the societies of western man, from the Middle Eastern origins through the Protestant Reformation. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Co-Reqs: ENC1101

EUH2001 History of Western Civilization from 1648 to Present, 3.0 sem hrs
An examination of the historical evolution and diffusion of western institutions and ideas, including nationalism, the modern state, totalitarianism and democracy. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Co-Reqs: ENC1101
Lab Fees: $5.00

EVS - Environmental Studies

EVS3007 Environmental Science, 3.0 sem hrs
The objective of this course is to give the student a basic understanding of the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. FA

Pre-Reqs: OCE1001 AND MAT1033
Conc-Reqs: EVS3007L

EVS3007L Environmental Science Lab, 1.0 sem hrs
The objective of this course is to give the student a basic understanding of the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. FA

Pre-Reqs: OCE1001 AND MAT1033
Conc-Reqs: EVS3007

EXP - Psychology

EXP2420 Animal Learning, 3.0 sem hrs
Introduction to the basic principles of classical and operant conditioning in animals and humans. Specific techniques for controlling behavior are presented. Includes lecture, outside lab and infield experiences. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

FFP - Fire Science

FFP0010 Firefighter I, 7.5 voc hrs
This course of study is the first of two parts, which prepares the student with the fundamental knowledge and skills necessary to safely and dependably perform fire-rescue duties as a firefighter. This course is corequisite with FFP 0020 for those desiring to become state certified firefighters. FA, SP

Lab Fees: $275.00

FFP0020 Firefighter II, 7.5 voc hrs
This corequisite course with FFP 0010 is the second of the two-part series, which prepares the student for participating in the state certification examinations administered by the Bureau of Fire Standards and Training for obtaining a state of Florida Firefighter Certificate of Compliance. Students must have successfully completed all aspects of FFP 0010 in order to participate in this course. FA, SP

Pre-Reqs: FFP0010
Lab Fees: $275.00

FFP0360 Fire Apparatus Operations, 1.34 voc hrs
This course covers emergency driving laws, rules, and techniques, as well as a review of hydraulics. There is a practical portion to this class which will entail various evolutions involving pre-connected lines, drafting, tandem, and relay pumping. Prerequisite: Must have completed minimum of FFP 0010 and be a member of an organized fire department or permission of assistant chair. FA, SP, SU

Lab Fees: $25.00

FFP0361 Hydraulics and Water Distribution Systems, 1.33 voc hrs
This course covers the mechanics of the flow of fluids, the design, testing, and use of nozzles and appliances, the measurement of fluid flow, and the methods of determining quantities of water. Prerequisite: Must have completed a minimum of FFP 0010 and be a member of an organized fire department or permission of assistant chair. FA, SP, SU

FFP1000 Introduction to Fire Protection Hazards, 3.0 sem hrs
A study of the historical development of the fire service, safety and security, the role of the fire service, protection and safety personnel, identification of fire hazards and their causes, and application of fire protection principles. FA SP SU

Lab Fees: $5.00

FFP1510 Construction Codes and Material Rating, 3.0 sem hrs
A study of building codes applicable to fire prevention, principles and practices used in various types of building construction, and fire resistance tests and ratings of building materials. FA, SP, SU

Lab Fees: $5.00

FFP1520 Fire Prevention Programs, 3.0 sem hrs
A study of the principles and applications of fire prevention for community and industrial plants. Includes the development and maintenance of fire prevention programs, educational programs, inspection programs, and specific applications to fire prevention problems. FA, SP, SU

Lab Fees: $5.00

FFP1700 Management of Municipal Fire Protection, 3.0 sem hrs
A study of fire department organization, personnel management, and relationships with other city departments. Evaluation of fire protection needs, financial factors, and other equipment necessary for modern fire protection. FA, SP, SU

Lab Fees: $5.00

FFP1799 Time Management for Fire Service, 1.0 sem hrs
A study of incorporating the ideas and concepts of organization, priority setting, planning, decision making, study skills, and communications needed for achievement of personal and scholastic goals. FA, SP, SU

Lab Fees: $3.00

FFP1810 Firefighting Strategy and Tactics I, 3.0 sem hrs
A study of firefighting tactics and strategies used for extinguishing fires. Tactical operations, commanding fire ground operations, and contributing factors to fire ground failure will be emphasized. FA, SP, SU

Lab Fees: $5.00

FFP2120 Building Construction, 3.0 sem hrs
A study of building designs and construction features providing indications of how fire will behave and spread in various types of structures. FA, SP, SU

FFP2401 Hazardous Materials I, 3.0 sem hrs
A study of hazardous materials, with emphasis on unstable chemicals, explosive substances and their handling, exotic fuels (solid and liquid propellants), pesticides, and corrosive, toxic, and radioactive substances. FA, SP, SU

FFP2402 Hazardous Materials II, 3.0 sem hrs
A study of the methods used to transport hazardous materials, and ways to control and lessen the effects of an accident. FA, SP, SU

Pre-Reqs: FFP2401

FFP2521 Blueprint Reading and Plans Evaluation, 3.0 sem hrs
A study of actual building plans designed to give the student an understanding of the basic principles involved in graphic communications and, in particular, blueprints and plans reading. FA, SP, SU

FFP2540 Private Fire Protection Systems, 3.0 sem hrs
A study of private fire detection systems to include fixed extinguishing systems and standard and/or special fire alarms. Includes a review of the design, installation, maintenance, and testing of the systems. FA, SP, SU

FFP2604 Fire Detection and Investigation, 3.0 sem hrs
A study in determining causes of fire, losses, and records, origins, preservation of physical evidence, scientific aid to investigation, and courtroom procedure in presenting evidence. FA, SP, SU

FFP2720 Fire Department Leadership, 3.0 sem hrs
Officers and potential officers within the fire service are provided the fundamentals of leadership. Specifications of the fire officer s position are covered extensively. FA, SP, SU

FFP2740 Fire Service Instructor, 3.0 sem hrs
Methods and techniques of instruction including oral communication, preparing lesson plans, writing performance objectives, use of training aids, and the selection, evaluation, and preparation of performance tests. FA, SP, SU

FFP2741 Fire Service Course Design, 3.0 sem hrs
A study of the principles of effective curriculum design. Stresses the principles of adult learning and student-centered learning, designing units and courses that address learning, and performance and behavioral objectives. FA, SP, SU

FFP2811 Firefighting Strategy and Tactics II, 3.0 sem hrs
A study in pre-fire plans, techniques of using available equipment and manpower, and predicting fires by fuel analysis. Emphasis will be on developing thinking skills in relation to crises. FA, SP, SU

FFP2905 Directed Study in Fire Science, 1.0-4.0 sem hrs
Directed Study in Fire Science FA, SP, SU

FFP2949 Cooperative Education Experience in Fire Science, 1.0-4.0 sem hrs
Cooperative Education Experience in Fire Science FA, SP, SU

FIN - Finance

FIN1100 Personal Financial Planning, 3.0 sem hrs
Study of the fundamental principles and practices used to prepare and monitor personal financial plans. FA, SP, SU

Lab Fees: $5.00

FIN2000 Principles of Finance, 3.0 sem hrs
Investment characteristics of stocks and bonds, securities market, commercial banks and the Federal Reserve System; and inflation, deflation and money supply. FA, SP, SU

FIN2905 Directed Study in Finance, 1.0-4.0 sem hrs
Directed Study in Finance, FA, SP, SU

FOS - Culinary Management (Food Service)

FOS1201 Sanitation and Safety, 3.0 sem hrs
Students will study the causes and prevention of food spoilage and food borne illnesses. Study will focus on proper food handling, personal hygiene, and food service safety. FA, SP

FRE - Foreign Language (French)

FRE1120 Elementary French I Concentrated, 3.0 sem hrs
Introductory course to the French language and culture for students who have limited or no knowledge of French. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

Conc-Reqs: FRE1120L

FRE1120L Elementary French I Concentrated Lab, 1.0 sem hrs
Introductory course to the French language and culture for students who have limited or no knowledge of French. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

Conc-Reqs: FRE1120
Lab Fees: $5.00

FRE1121 Elementary French II Concentrated, 3.0 sem hrs
A continuation of FRE 1120/1120L to develop basic French conversation, reading, and writing skills. Study all tenses and grammar fundamentals. Includes three-hour class instruction and two-hour language laboratory. FA, SP

Pre-Reqs: FRE1120
Conc-Reqs: FRE1121L

FRE1121L Elementary French II Concentrated Lab, 1.0 sem hrs
A continuation of FRE 1120/1120L to develop basic French conversation, reading, and writing skills. Study all tenses and grammar fundamentals. Includes three-hour class instruction and two-hour language laboratory. FA, SP

Pre-Reqs: FRE1120
Conc-Reqs: FRE1121
Lab Fees: $5.00

FRE2220 Intermediate French Reading and Conversation I, 3.0 sem hrs
Intermediate level course designed to enhance the student␣s knowledge of the French language and culture through grammar analysis of newspaper articles, short cultural and literary readings, and discussions of such material to develop communicative competency. Includes three-hour class instruction and two-hour language laboratory. FA

Pre-Reqs: FRE1121
Conc-Reqs: FRE2220L

FRE2220L Intermediate French Reading and Conversation I Lab, 1.0 sem hrs
Intermediate level course designed to enhance the student␣s knowledge of the French language and culture through grammar analysis of newspaper articles, short cultural and literary readings, and discussions of such material to develop communicative competency. Includes three-hour class instruction and two-hour language laboratory. FA

Pre-Reqs: FRE1121
Conc-Reqs: FRE2220
Lab Fees: $5.00

FRE2221 Intermediate French Reading and Conversation II, 3.0 sem hrs
A continuation of FRE 2220/2220L to complete the second year sequence of the intermediate course in French language and culture. Instruction is designed to strengthen communicative and written skills with emphasis on oral and written expression while studying aspects of French history and literature. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: FRE2220
Conc-Reqs: FRE2221L

FRE2221L Intermediate French Reading and Conversation II Lab, 1.0 sem hrs
A continuation of FRE 2220/2220L to complete the second year sequence of the intermediate course in French language and culture. Instruction is designed to strengthen communicative and written skills with emphasis on oral and written expression while studying aspects of French history and literature. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: FRE2220
Conc-Reqs: FRE2221

Lab Fees: $5.00

FRE2905 Directed Study In French, 1.0-4.0 sem hrs
Directed Study in French (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

FRE2949 Cooperative Education Experience in French, 1.0-4.0 sem hrs
Cooperative Education Experience in French FA, SP, SU

FSS - Culinary Management (Food Service)

FSS0070 Artisan Breads, 2.5 voc hrs
This course covers the principles and techniques of preparing lean breads, multi-grain breads, bagels, pretzels and seasonal and flat breads. Special emphasis will be placed on regional and ethnic breads. Handling grains and specialty breads; mixing, shaping and finishing. Additionally, innovative baking methods will be covered. FA, SP

Lab Fees: $150.00

FSS0071 Cakes and Petit Fours, 2.5 voc hrs
This course presents the foundation methods and procedures in cake and dessert production, including the creaming method and blending techniques. An emphasis is placed on preparing simple to complex unfilled cakes and tortes. Topics covered include comparison of classical and modern preparations, classical cakes, i.e. St. Honore, Dobosh Tort, Linzer Tort, Saucher Tort, Glazes, Ices, Molded and Cream Filled Cakes; Torts; and Bombs. FA, SP

Lab Fees: $150.00

FSS0072 Desserts Production and Presentation, 2.5 voc hrs
This course will illustrate the fundamentals of pastry and dessert production, equipment, formula conversions and costing. Product production, including restaurant desserts, table side production, cakes, individual pastries, petit fours, and Viennese table production, layout and design will be covered. FA, SP

Pre-Reqs: HMV0104
Lab Fees: $150.00

FSS0291 Chocolate and Pastillage and Sugar, 2.5 voc hrs
This course includes the principles involved in tempering chocolate, forming simple centerpieces, and preparing chocolate and other confections with soft, hard and liquid centers. Students will learn both traditional and contemporary production methods in creation of confections. FA, SP

Pre-Reqs: HMV0104
Lab Fees: $150.00

FSS1063 Baking, 2.0 sem hrs
Introduction to baking science and the composition and properties of baking ingredients. Students will produce a variety of baked goods, using proper tools and methods. FA, SP, SU

Pre-Reqs: FOS1201
Conc-Reqs: FSS1063L

FSS1063L Baking Lab, 1.0 sem hrs
Introduction to baking science and the composition and properties of baking ingredients. Students will produce a variety of baked goods, using proper tools and methods. FA, SP, SU

Conc-Reqs: FSS1063
Lab Fees: $150.00

FSS1202 Food Production I, 2.0 sem hrs
Principles of food preparation, study will focus on basic principles and techniques of food production, use of recipes and use and care of equipment and tools. FA, SP, SU

Co-Reqs: FOS1201
Conc-Reqs: FSS1202L

FSS1202L Food Production I Lab, 1.0 sem hrs
Principles of food preparation, study will focus on basic principles and techniques of food production, use of recipes and use and care of equipment and tools. FA, SP, SU

Conc-Reqs: FSS1202

Lab Fees: $150.00

FSS1222 Food Production II, 2.0 sem hrs
Study will focus on the preparation of meats, poultry, seafood and game. Students will use a variety of cooking and preparation methods. FA, SP, SU

Pre-Reqs: FSS1202

Conc-Reqs: FSS1222L

FSS1222L Food Production II Lab, 1.0 sem hrs
Study will focus on the preparation of meats, poultry, seafood and game. Students will use a variety of cooking and preparation methods. FA, SP, SU

Conc-Reqs: FSS1222

Lab Fees: $150.00

FSS1240 Contemporary American Cuisine, 2.0 sem hrs
Preparing modern American cuisine with emphasis on regional influences and contemporary presentation techniques. FA, SP

Pre-Reqs: FSS1222

Conc-Reqs: FSS1240L

FSS1240L Contemporary American Cuisine Lab, 1.0 sem hrs
Preparing modern American cuisine with emphasis on regional influences and contemporary presentation techniques. FA, SP

Conc-Reqs: FSS1240

Lab Fees: $150.00

FSS1242 International Cuisine, 2.0 sem hrs
In this course students will study and practice classical/international menus of Europe and Asia. Special attention on flavor principles of various cuisines. FA, SP

Pre-Reqs: FSS1222

Conc-Reqs: FSS1242L

FSS1242L International Cuisine Lab, 1.0 sem hrs
In this course students will study and practice classical/international menus of Europe and Asia. Special attention on flavor principles of various cuisines. FA, SP

Conc-Reqs: FSS1242

Lab Fees: $150.00

FSS2210 Advanced Cuisine, 2.0 sem hrs
Study to focus on the art of advanced food preparation. Students will acquire skills in producing a variety of food items including garde manger, charcuterie, entrees and desserts. Students will execute planned meals using learned food preparation and presentation techniques. FA, SP

Pre-Reqs: FSS1222

Conc-Reqs: FSS2210L

FSS2210L Advanced Cuisine Lab, 1.0 sem hrs
Study to focus on the art of advanced food preparation. Students will acquire skills in producing a variety of food items including garde manger, charcuterie, entrees and desserts. Students will execute planned meals using learned food preparation and presentation techniques. FA, SP

Conc-Reqs: FSS2210

Lab Fees: $150.00

FSS2284 Catering and Buffet Management, 2.0 sem hrs
This course will introduce the student to effective practices and principles of effective buffet and catering/event management. From pre-planning to service and staffing to breakdown and clean up. FA, SP, SU

Pre-Reqs: FSS1222

Conc-Reqs: FSS2284L

FSS2284L Catering and Buffet Management Lab, 1.0 sem hrs
This course will introduce the student to effective practices and principles of effective buffet and catering/event management. From pre-planning to service and staffing to breakdown and clean up. FA, SP, SU

Conc-Reqs: FSS2284

Lab Fees: $150.00

FSS2905 Directed Study in Food Service, 4.0 sem hrs
Directed Study in Food Service FA, SP, SU

FSS2906 Directed Study in Culinary, 3.0 sem hrs
Directed Study in Culinary FA, SP, SU

FSS2949 Cooperative Education Experience in Food Service, 1.0-4.0 sem hrs
Cooperative Education Experience in Food Service. FA, SP, SU

GEB - General Business

GEB1011 Introduction to Business, 3.0 sem hrs
Business in the modern political, social, and economic environment. Topics include entrepreneurship, accounting, finance, management, economics, and marketing. FA, SP, SU

GEB2351 International Business Practice Firm, 3.0 sem hrs
An introduction to international trade theories and practices including exporting, importing, and countertrade. International monetary systems and cultural differences affecting trade are explored. FA, SP

Lab Fees: $25.00

GEB2430 Business Ethics, 3.0 sem hrs
The purpose of this course is to direct the student toward a professional level of ethical awareness and decision-making in business. A review of the historical origins of ethics and value systems and their influence on various cultures is included. Different ethical values are compared and reviewed in relation to current ethics issues and cases. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101

GEB2905 Directed Study in Business, 1.0-4.0 sem hrs
Directed Study in Business FA, SP, SU

GEB2949 Cooperative Education Experience in Business, 1.0-4.0 sem hrs
Cooperative Education Experience in Business FA, SP, SU

GEB3213 Business Writing, 3.0 sem hrs
This course emphasizes the basics of business writing while reviewing the various kinds of written business correspondence. Students are expected to integrate business decision making and analytical thinking skills into the content. Students must be able to determine solutions to problem-based exercises. PR: ENC 1101 or equivalent; junior level status or permission of the chair is required. (This course number was formerly GEB 3212). FA, SP, SU

Pre-Reqs: ENC1101

GEB3905 Directed Study in Business Writing, 1.0-4.0 sem hrs
Directed Study in Business Writing. FA, SP, SU

GEB4891 Strategic Management and Decision Making, 4.0 sem hrs
This course emphasizes strategic planning and strategy implementation in an organization. Students learn how to perform internal and external audits, identify problems, formulate goals and objectives, develop action plans, and evaluate the effectiveness of the outcome of the plan. Case studies are used to promote decision-making abilities. PR: Senior level status or permission of the chair is required.

GEB4930 Selected Topics in Management, 3.0 sem hrs
Current topics, issues, and trends pertinent to supervisors and managers are discussed. PR: Senior level status or permission of the chair is required.

GEO - Geography

GEO2000 World Geography, 3.0 sem hrs
A study of the Earth in spatial terms, place names of major countries and world regions, maps, globes and physical-human phenomena of environments and places. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

GEO2420 Cultural Geography, 3.0 sem hrs
A descriptive study of the location and distribution of people in the world and their cultural characteristics, including: language, religion, and how people use resources and earn their livings. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

GER - Foreign Language (German)

GER1120 Elementary German I Concentrated, 3.0 sem hrs
Introductory course to the German language and culture for students who have limited or no knowledge of German. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

Conc-Reqs: GER1120L

GER1120L Elementary German I Concentrated Lab, 1.0 sem hrs
Introductory course to the German language and culture for students who have limited or no knowledge of German. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

Conc-Reqs: GER1120
Lab Fees: $5.00

GER1121 Elementary German II Concentrated, 3.0 sem hrs
A continuation of GER 1120/1120L to develop basic German conversation, reading, and writing skills. Study all tenses and grammar fundamentals. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: GER1120
Conc-Reqs: GER1121L

GER1121L Elementary German II Concentrated Lab, 1.0 sem hrs
A continuation of GER 1120/1120L to develop basic German conversation, reading, and writing skills. Study all tenses and grammar fundamentals. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: GER1120
Conc-Reqs: GER1121
Lab Fees: $5.00

GER2220 Intermediate German Reading and Conversation I, 3.0 sem hrs
Intermediate level course designed to enhance the student s knowledge of the German language and culture through grammar analysis of newspaper articles, short cultural and literary readings, and discussions of such material to develop communicative competency. Includes three-hour class instruction and two-hour language laboratory. FA

Pre-Reqs: GER1121
Conc-Reqs: GER2220L

GER2220L Intermediate German Reading and Conversation I Lab, 1.0 sem hrs
Intermediate level course designed to enhance the student s knowledge of the German language and culture through grammar analysis of newspaper articles, short cultural and literary readings, and discussions of such material to develop communicative competency. Includes three-hour class instruction and two-hour language laboratory. FA

Pre-Reqs: GER1121
Conc-Reqs: GER2220
Lab Fees: $5.00

GER2221 Intermediate German Reading and Conversation II, 3.0 sem hrs
A continuation of GER 2220/2220L to complete the second year sequence of the intermediate course in German language and culture. Instruction is designed to strengthen communicative and written skills with emphasis on oral and written expression while studying aspects of German history and literature. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: GER2220
Conc-Reqs: GER2221L

GER2221L Intermediate German Reading and Conversation II Lab, 1.0 sem hrs
A continuation of GER 2220/2220L to complete the second year sequence of the intermediate course in German language and culture. Instruction is designed to strengthen communicative and written skills with emphasis on oral and written expression while studying aspects of German history and literature. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: GER2220

Conc-Reqs: GER2221

Lab Fees: $5.00

GER2905 Directed Study in German, 1.0-4.0 sem hrs

Directed Study in German (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

GLY - Geology

GLY2010 Physical Geology, 3.0 sem hrs

Detailed study of the materials comprising the earth s crust and interior and the forces acting to change its surface; the origin of continents and ocean basins in light of recent geologic research. (Co-requisites: ENC1101, GLY2010L.) FA,SP

Co-Reqs: ENC1101

Conc-Reqs: GLY2010L

GLY2010L Physical Geology Lab, 1.0 sem hrs

Mandatory Laboratory portion of GLY 2010. Detailed study of the materials comprising the earth s crust and interior and the forces acting to change its surface; the origin of continents and ocean basins in light of recent geologic research. (Co-requisite: GLY2010) Lab Fee 50.00 FA,SP

Conc-Reqs: GLY2010

Lab Fees: $50.00

GLY2100 Historical Geology, 3.0 sem hrs

This course covers the general principles of historical geology with emphasis on evolution of Earth and life through time. Topics include an overview of the rock cycle and plate tectonic theory, with emphasis on stratigraphic principles, the fossil record, evolutionary theory, and paleogeographic map interpretation.SP

Pre-Reqs: GLY2010L AND GLY2010

GRA - Graphic Arts

GRA1158 Digital Graphics Fundamentals, 3.0 sem hrs

This course covers vector illustration graphics software for graphic design and digital media applications. FA, SP

Lab Fees: $20.00

GRA1171 Advertising Design, 3.0 sem hrs

A study of the principles & psychology of advertising design, campaigns & layout in areas of print, outdoor, point-of-purchase, direct response & television. Emphasis is on original concept. Effective techniques and presentation through text, typography, illustration and photography are investigated. SP

Pre-Reqs: GRA1202 AND GRA2114
Lab Fees: $20.00

GRA1202 Typography, 3.0 sem hrs

This course covers typographic design, typographic illustration, type terminology, type specifying and digital typesetting. Emphasizes choice and use of appropriate type in a variety of design contexts. FA, SP

Pre-Reqs: GRA1741 AND GRA1158
Lab Fees: $20.00

GRA1204 Digital Publishing Fundamentals, 3.0 sem hrs

This course covers page layout and electronic publishing software for graphic design and digital media applications. FA, SP

Pre-Reqs: DIG1109 AND GRA1158
Lab Fees: $20.00

GRA1543 Graphic Design Studio I, 3.0 sem hrs

An overview of the design industry and the methods of graphic design and visual communications. Covers the application of graphic design production tools and the design process with an emphasis on conceptualization and visualization. (Prerequisite: Permission of assistant chair.) FA, SP

Lab Fees: $20.00

GRA1741 Principles of Design and Color, 3.0 sem hrs
An introduction to the principles, concepts and techniques of design, drawing, and color theory for visual problem solving. A foundation for further study of graphic design, photography, or digital media. FA, SP, SU

Lab Fees: $20.00

GRA2109 History and Aesthetics of Design, 3.0 sem hrs
The course traces the development of graphic design and cites the major contributions to the development of contemporary graphic design practice and aesthetics. FA

Lab Fees: $25.00

GRA2114 Graphic Design Studio II, 3.0 sem hrs
An advanced study of specific conceptual, aesthetic, and production problems in graphic design. Application of design process to advanced layout problems. Management, project research and presentation issue are introduced. FA, SP

Pre-Reqs: GRA1543
Lab Fees: $20.00

GRA2184 Portfolio Development, 3.0 sem hrs
A portfolio development class covering essential preparation for career entry into the graphic design, digital media and digital television industry. Areas covered include personal presentation skills, employment materials and creative work samples. This class should be completed in the student   s final semester of study. FA, SP

Lab Fees: $20.00

GRA2201 Digital Pre-Publishing, 3.0 sem hrs
Advanced study of digital workflow, print production methods and materials, digital makeready, and electronic publishing. Covers color management, image and file preparation, and pre-flighting for print and electronic media. FA

Pre-Reqs: GRA1204
Lab Fees: $20.00

GRA2511 Corporate Design, 3.0 sem hrs
A study of corporate image and identity design, development and implementation. Emphasizes choice and use of symbols, and appropriate application in stationery packages, corporate manuals, and collateral items. FA

Pre-Reqs: GRA2114 AND GRA1202
Lab Fees: $20.00

GRA2545 Publication Design, 3.0 sem hrs
An advanced study of specific conceptual, aesthetic and production problems in graphic design for publication. SP

Pre-Reqs: GRA1202 AND GRA2114 AND GRA1204
Lab Fees: $20.00

GRA2746 Illustration, 3.0 sem hrs
Course provides the student with training in the techniques of professional advertising and editorial illustration and covers a variety of traditional styles and mediums. FA

Pre-Reqs: GRA1543 AND GRA1741 AND GRA1158 AND DIG1109
Lab Fees: $20.00

GRA2905 Directed Study in Graphic Design, 1.0-4.0 sem hrs
Arranged with individual instructor to explore special areas of interest. FA, SP, SU

GRA2949 Cooperative Education Experience in Graphic Design, 1.0-4.0 sem hrs
Cooperative Education Experience in Graphic Design FA, SP, SU

HCP - Nursing - Assistant

HCP0100 Nurse Aide and Orderly, 2.0 voc hrs
Prepares individuals to perform selected tasks related to patient care in a long-term care facility or an adult living facility under the supervision of a licensed nurse. Students who successfully complete the program are eligible to take the Nurse Aide Competency Evaluation Program (NACEP) for certification as a Nursing Assistant in Florida (Florida Statute, 400.21). FA, SP, SU

Conc-Reqs: HCP0100L

HCP0100L Nurse Aide and Orderly Lab, 3.5 voc hrs
Prepares individuals to perform selected tasks related to patient care in a long-term care facility or an adult living facility under the supervision of a licensed nurse. Students who successfully complete the program are eligible to take the Nurse Aide Competency Evaluation Program (NACEP) for certification as a Nursing Assistant in Florida (Florida Statute, 400.21). FA, SP, SU

Conc-Reqs: HCP0100
Lab Fees: $25.00

HCP0600 Patient Care Assistant, 3.34 voc hrs
Prepares individuals to perform selected tasks related to patient care in a hospital, long-term care facility, or home health agency under the supervision of a licensed nurse. Students who successfully complete the program are eligible to take the Nurse Aide Competency Evaluation Program (NACEP) for certification as a Nursing Assistant in Florida (Florida Statute, Section 400.21). FA, SP, SU

Conc-Reqs: HCP0600L

HCP0600L Patient Care Assistant Lab, 6.33 voc hrs
Prepares individuals to perform selected tasks related to patient care in a hospital, long-term care facility, or home health agency under the supervision of a licensed nurse. Students who successfully complete the program are eligible to take the Nurse Aide Competency Evaluation Program (NACEP) for certification as a Nursing Assistant in Florida (Florida Statute, Section 400.21). FA, SP, SU

Conc-Reqs: HCP0600
Lab Fees: $25.00

HCP0720 Electrocardiograph Aide, 2.5 voc hrs
This course is designed to prepare students to perform the duties necessary for employment as an electrocardiograph aide. Instruction will include theory, lab practice and clinical experience in a hospital, clinic or physician s office. (Dual enrollment students only.) FA

HEV - Child Care Apprentice

HEV0941 Child Care Apprentice I, 3.2 voc hrs
Course designed to introduce students to rules and regulations governing child care and child development. CPR and Basic Life Saving Instruction are included.

Co-Reqs: HEV0941L
Conc-Reqs: HEV0941

HEV0941L Child Care Apprentice I Lab, 22.66 voc hrs
Course designed for students to apply knowledge of rules and regulations governing childcare and child development.

Co-Reqs: HEV0941
Conc-Reqs: HEV0941

HEV0942 Child Care Apprentice II, 3.2 voc hrs
Course designed for students to develop competencies in planning, implementing and supervising developmentally appropriate activities for preschool children.

Conc-Reqs: HEV0942L

HEV0942L Child Care Apprentice II Lab, 22.66 voc hrs
Course designed for students to develop competencies in establishing developmentally appropriate activities for pre-school children.

Conc-Reqs: HEV0942

HEV0943 Child Care Apprentice III, 1.2 voc hrs
Designed for students to develop competencies in planning, implementing and supervising developmentally appropriate activities for infants/toddlers, preschool, school-age children and children with special needs.

Conc-Reqs: HEV0943L

HEV0943L Child Care Apprentice III Lab, 21.33 voc hrs
Course designed to develop competencies in implementing developmentally appropriate activies for school-age and children with special needs, and infants/toddlers, interpersonal relationships, personal and professional growth and positive guidance.

Conc-Reqs: HEV0943

HEV0944 Child Care Apprentice IV, 3.2 voc hrs
Designed to introduce the students to the concepts of personal and professional development including classroom management.

Conc-Reqs: HEV0944L

HEV0944L Child Care Apprentice IV Lab, 22.66-45.33 voc hrs
Course designed to develop competencies in professionalism and leadership and organizational skills necessary to work in a preschool setting.

Conc-Reqs: HEV0944

HEV0945 Child Care Apprentice V, 3.2 voc hrs
Designed for students to become acquainted with characteristics of a safe, clean, healthy learning environment.

Conc-Reqs: HEV0945L

HEV0945L Child Care Apprentice V Lab, 22.66 voc hrs
Course designed to develop competencies in establishing a safe, clean, healthy learning environment, including food service.

Conc-Reqs: HEV0945

HEV0946 Child Care Apprentice VI, 1.2-2.4 voc hrs
Designed for students to become acquainted with career and job opportunities and employability skills.

Conc-Reqs: HEV0946L

HEV0946L Child Care Apprentice VI Lab, 21.33 voc hrs
Course designed to develop competencies in appropriate skills essential to working in child care and in managing an effective child care program.

Conc-Reqs: HEV0946

HFT - Hospitality Management

HFT1000 Introduction to Hospitality Industry, 3.0 sem hrs
An introduction to the hospitality industry. Current business trends, employment opportunities, management responsibilities and computer applications are stressed. FA, SP

HFT1261 Hospitality Service, 3.0 sem hrs
This course teaches the principles of restaurant management both front and back of the house. Topics include guest service, organization and training as well as marketing and financial concerns. Students will practice service technique in College run restaurant, banquet and quick service operation. FA, SP

HFT1410 Lodging Operations I, 3.0 sem hrs
Introduction to the functions of the lodging front desk operations, reservations while stressing its mechanics and routines, with developmental training in interpersonal skills, communications and computer applications. SP

HFT1820 Purchasing for Hospitality, 3.0 sem hrs
This course is designed to prepare the student to plan, prepare, bid, order, receive, store, issue, inventory, and forecast the purchasing requirements of an organization in the Hospitality Industry. The areas covered will include: equipment, food, beverages, furniture, fixtures, paper products, and POS and MIS systems. SU

HFT1940 Hospitality Practicum I (Basic), 2.0 sem hrs
Students will participate in work related experience in basic food service and table service in the College operated Hospitality facility. Students will rotate through work positions in the restaurant kitchen, dining room, lodging and quick service operation and banquet operation, applying basic skills learned in the classroom and lab to a work situation. FA, SP, SU

Pre-Reqs: FSS1222
Conc-Reqs: HFT1940L

HFT1940L Hospitality Practicum I Lab (Basic), 1.0 sem hrs
Students will participate in work related experience in basic food service and table service in the College operated Hospitality facility. Students will rotate through work positions in the restaurant kitchen, dining room, lodging and quick service operation and banquet operation, applying basic skills learned in the classroom and lab to a work situation. FA, SP, SU

Conc-Reqs: HFT1940
Lab Fees: $150.00

HFT1941 Hospitality Practicum II (Intermediate), 2.0 sem hrs
Students will participate in work related experience in Intermediate food service and table service In the College operated Hospitality facility. Students will rotate through work positions and supervisory positions the restaurant kitchen, dining room, quick service operation, lodging and banquet operation, applying intermediate skills learned in the classroom and lab to a work situation. FA, SP, SU

Pre-Reqs: FSS1222
Conc-Reqs: HFT1941L

HFT1941L Hospitality Practicum II Lab (Intermediate), 1.0 sem hrs
Students will participate in work related experience in Intermediate food service and table service In the College operated Hospitality facility. Students will rotate through work positions and supervisory positions the restaurant kitchen, dining room, quick service operation, lodging and banquet operation, applying intermediate skills learned in the classroom and lab to a work situation. FA, SP, SU

Conc-Reqs: HFT1941
Lab Fees: $150.00

HFT2282 Hospitality Supervision, 3.0 sem hrs
This course covers the principles of supervision of employees in a hospitality management environment. Topics include recruitment, screening, hiring, training and evaluating personnel. FA, SP

HFT2283 Hospitality Contract Management, 3.0 sem hrs
This course will expose the student to Contract Management, the multi-billion dollar segment of the hospitality industry. Study will focus on health Care, K-12, college and university, business and industry, correctional facilities, transportation, recreation and leisure. FA, SP

HFT2313 Lodging Operations II, 3.0 sem hrs
The broad scope of property management stresses training, record keeping and executive responsibilities, concerning the use of land, buildings, furnishings, equipment, materials, people and funds in achieving a desired goal. Housekeeping is covered from a dual focus of hands on functional duties paired with the supervisory and management of that department. FA

HFT2454 Food and Beverage Cost Control, 3.0 sem hrs
Covers food and beverage operation, purchasing, receiving, storage, preparation, and service. Emphasis is on controlling, analyzing costs, and using financial management techniques. SU

Pre-Reqs: MAT1033

HFT2461 Hospitality Managerial Finance, 3.0 sem hrs
This course is designed to prepare students to read and understand financial document produced in the hospitality industry. The fundamental concepts and analytical techniques that are essential to take control of a real-world asset management in a hospitality industry environment. Financial Statements, Asset Ratios, Cash Flow, Budgeting and Feasibility Studies are covered. The principles of finance, asset and money management are defined, explored and analyzed from the perspective of the professional hospitality manager, owner and decision maker. FA, SP

HFT2500 Event Marketing, 3.0 sem hrs
This course will expose students to the discipline of Event Planning and a key component of that discipline of Event Marketing within the multi-billion dollar Hospitality industry. This course provides a great foundation as well as extension in marketing of events within the hospitality environment. The marketing of events, meetings, convocations, conferences, and gatherings requires complex coordination of people, resources and facilities. This course will serve our students well in pursuit of careers in hospitality. FA, SP

Pre-Reqs: HFT1000

HFT2600 Hospitality Law, 3.0 sem hrs
Informs and educates hoteliers with the applicable law that is pertinent to their overall operations. Formulation of preventive tactics to avoid lawsuits. FA

HFT2671 Event Risk Management, 3.0 sem hrs
This course will expose the student to the discipline of Event Planning within the Hospitality Industry. This course provides a great foundation and road map for event management students and future event planning professionals. The coordination of various components

of an event are covered in a real-world protocol. The logistics of events, meetings, conventions, and convocations are covered in a format that will serve the students well in their future event planning endeavors. FA, SP

Pre-Reqs: HFT1000

HFT2742 Global Meetings and Exhibitions, 3.0 sem hrs
This course will expose the student to the operation and coordination of Global Meetings & Exhibitions within Event Planning and key components within the Multi-Billion Dollar Hospitality industry. This course provides a great foundation and extension in depth and breadth of the Event Planning program. This course will serve our students well in the pursuit of careers in hospitality. FA, SP

Pre-Reqs: HFT1000

HFT2750 Hospitality and Tourism Marketing, 3.0 sem hrs
Destination planning, group booking, conventions, site visitations and meeting planning are thoroughly analyzed. Group selling, negotiations, contracts, computer applications and service are emphasized. FA, SP

HFT2905 Directed Study in Hospitality Management, 1.0-4.0 sem hrs
Directed Study in Hospitality Management FA, SP, SU

HFT2942 Hospitality Practicum III (Advanced), 2.0 sem hrs
Capstone course designed to apply a students learned techniques in a food service setting. Students will apply advanced food service culinary and service skills in the College operated Hospitality facility. Students will plan, prepare and serve advanced modern cuisine in the restaurant kitchen, dining room and banquet operation, applying advanced skills learned in the classroom and lab to a work situation. FA, SP, SU

Pre-Reqs: FSS1222
Conc-Reqs: HFT2942L

HFT2942L Hospitality Practicum III Lab (Advanced), 1.0 sem hrs
Capstone course designed to apply a students learned techniques in a food service setting. Students will apply advanced food service culinary and service skills in the College operated Hospitality facility. Students will plan, prepare and serve advanced modern cuisine in the restaurant kitchen, dining room and banquet operation, applying advanced skills learned in the classroom and lab to a work situation. FA, SP, SU

Conc-Reqs: HFT2942
Lab Fees: $150.00

HFT2949 Cooperative Education Experience in Hospitality Management, 1.0-4.0 sem hrs
Cooperative Education Experience in Hospitality Management FA, SP, SU

HHD - Interior Design

HHD1321 Introduction to Interior Design, 3.0 sem hrs
Color, design principles, lighting, interior furnishings, accessories and planning for functional and aesthetic settings. Experience in applying the elements and principles of design and drawing floor plans and elevations. FA, SP

Lab Fees: $145.00

HHD1361 Practical Interior Applications, 3.0 sem hrs
Working knowledge of window treatments, floor coverings and wall coverings. Cost estimations, re-upholstery estimations and installation techniques, calculations and schedules. Students learn appropriate applications for various surface treatments. SP

Lab Fees: $15.00

HIM - Health Information Management

HIM1000 Introduction to Health Information Management, 2.0 sem hrs
Introduction to the science of health information management. The professional organization, chart content and development, databases, information systems will be emphasized. SP

Pre-Reqs: HSC1531
Conc-Reqs: HIM1000L

HIM1000L Introduction to Health Information Management Lab, 1.0 sem hrs
Introduction to the science of health information management. The professional organization, chart content and development, databases, information systems will be emphasized. SP

Conc-Reqs: HIM1000

HIM1031 Medical Record Transcription I, 1.0 sem hrs
Develop skills in the use of dictating/transcribing units and reference sources. Laboratory experience in transcribing medical record forms. FA, SP

Pre-Reqs: OST1100 AND HSC1531
Conc-Reqs: HIM1031L

HIM1031L Medical Record Transcription I Lab, 2.0 sem hrs
Develop skills in the use of dictating/transcribing units and reference sources. Laboratory experience in transcribing medical record forms. FA, SP

Conc-Reqs: HIM1031
Lab Fees: $20.00

HIM1032 Medical Record Transcription II, 1.0 sem hrs
Study of advanced medical record terminology and transcription of various medical records and reports. FA, SP

Pre-Reqs: HIM1031
Conc-Reqs: HIM1032L

HIM1032L Medical Record Transcription II Lab, 2.0 sem hrs
Study of advanced medical record terminology and transcription of various medical records and reports. (Prerequisite: HIM 1031. Corequisite: HIM 1032L.) Lab fee: $20. FA, SP

Conc-Reqs: HIM1032
Lab Fees: $20.00

HIM1222 Beginning ICD-9 Coding, 3.0 sem hrs
This course is designed to develop skills in the use of approved disease and operative classification systems, abstraction of patient data from the medical record and assignment of ICD-9-CM diagnostic and procedure codes. SP

Co-Reqs: HIM1000
Pre-Reqs: HSC1531
Conc-Reqs: HIM1222L

HIM1222L Beginning ICD-9 Coding Lab, 1.0 sem hrs
This course is designed to develop skills in the use of approved disease and operative classification systems, abstraction of patient data from the medical record and assignment of ICD-9-CM diagnostic and procedure codes. SP

Conc-Reqs: HIM1222

HIM1273 Billing and Reinbursement Methods, 1.0 sem hrs
Study of the principles and practices of insurance and reimbursement processing, to include the assignment and reporting of codes for diagnoses and procedures and services. Also covered are completion of UB-92 and CMS-1500 claims for outpatient, emergency department, and physician office encounters. FA

Conc-Reqs: HIM1273L

HIM1273L Billing and Reinbursement Methods Lab, 1.0 sem hrs
Study of the principles and practices of insurance and reimbursement processing, to include the assignment and reporting of codes for diagnoses and procedures and services. Also covered are completion of UB-92 and CMS-1500 claims for outpatient, emergency department, and physician office encounters. FA

Conc-Reqs: HIM1273

HIM2012 Legal Aspects of Health Records, 2.0 sem hrs
In-depth study of the federal, state and local laws which govern the preparation and use of health records in healthcare delivery systems. SU

Pre-Reqs: HIM1000

HIM2214 Health Information Management Statistics, 2.0 sem hrs
This course will introduce the student to healthcare statistics and their uses in healthcare settings. SP

Co-Reqs: HIM2810
Pre-Reqs: HIM1000

HIM2234 Advanced ICD-9 Coding, 3.0 sem hrs
This course is designed to enhance skills learned in HIM 1222. By recalling the basic coding rules and applying them with in-depth

diagnosis and procedure analysis learned in this course, the student will become capable of accurate medical record coding and DRG assignment. FA

Pre-Reqs: HIM1222
Conc-Reqs: HIM2234L

HIM2234L Advanced ICD-9 Coding Lab, 1.0 sem hrs
This course is designed to enhance skills learned in HIM 1222. By recalling the basic coding rules and applying them with in-depth diagnosis and procedure analysis learned in this course, the student will become capable of accurate medical record coding and DRG assignment. FA

Conc-Reqs: HIM2234

HIM2253 Beginning CPT Coding, 2.0 sem hrs
This course is designed to develop skills in the use of the Physician's Current Procedure Coding Terminology (CPT) systems for hospital and physicians' offices. SU

Pre-Reqs: HIM1222 AND HSC1531
Conc-Reqs: HIM2253L

HIM2253L Beginning CPT Coding Lab, 1.0 sem hrs
This course is designed to develop skills in the use of the Physician's Current Procedure Coding Terminology (CPT) systems for hospital and physicians' offices. SU

Conc-Reqs: HIM2253

HIM2283 Advanced CPT Coding, 2.0 sem hrs
This course will be a continuation of Beginning CPT coding. This course will also combine CPT with ICD-9 to complete the billing and reimbursement process. SP

Conc-Reqs: HIM2283L

HIM2283L Advanced CPT Coding Lab, 1.0 sem hrs
This course will be a continuation of Beginning CPT coding. This course will also combine CPT with ICD-9 to complete the billing and reimbursement process. SP

Conc-Reqs: HIM2283

HIM2400 Health Records in Alternate Settings, 3.0 sem hrs
This course will explore the use of health records in sites other than hospitals. Long term care, hospice, tumor registry, physician offices and clinics. Record content in each area will be discussed. SP

Co-Reqs: HIM2810
Pre-Reqs: HIM2234 AND HIM1000

HIM2430 Concepts of Diseases, 4.0 sem hrs
Given a body of medical information, students will demonstrate their ability to interpret, understand, extract, analyze and synthesize information within the medical record. FA

Co-Reqs: HIM2442
Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020

HIM2442 Pharmacology and Lab, 1.0 sem hrs
This course will introduce the student to the most common drugs and laboratory tests utilized in medicine. FA

Co-Reqs: HIM2430

HIM2500 Quality Assurance and Compliance, 2.0 sem hrs
This course will discuss the development of health care quality programs including performance improvement, utilization review, risk management and coding compliance. FA

Pre-Reqs: HIM1000 AND HIM2810 AND HIM2214

HIM2512 Health Information Systems Management, 2.0 sem hrs
This course will review the basic management functions as they apply to a Health Information Systems (H.I.S.) department. FA

Pre-Reqs: HIM2800

HIM2652 Electronic Health Record, 1.0 sem hrs
This course will review the history of the electronic record, trends, and healthcare information applications. Discussion of the transition from a paper based health record to an electronic record. SP

Co-Reqs: HIM2810
Pre-Reqs: HIM1000
Conc-Reqs: HIM2652L

HIM2652L Electronic Health Record Lab, 1.0 sem hrs
This course will review the history of the electronic record, trends, and healthcare information applications. Discussion of the transition from a paper based health record to an electronic record. SP

Conc-Reqs: HIM2652

HIM2800 Coding Professional Practice Experience I, 1.0 sem hrs
This course will give the coder/biller student hands on experience in a physician or outpatient department. FA

Pre-Reqs: HIM2253
Lab Fees: $15.00

HIM2810 Professional Practice II, 2.0 sem hrs
Supervised experience in a non-hospital health care facilities. Compiling health/data statistics, use of indexes and registers and computerization of HIS functions reports are emphasized. SP

Pre-Reqs: HIM2800

HIM2820 Professional Practice Experience III, 2.0 sem hrs
Supervised experience in a Health Information Services (HIS) department offering experience of a supervisory nature, utilization review quality assurance and overall chart flow. FA

Pre-Reqs: HIM2810

HIM2905 Directed Study in Health Information Management, 1.0-5.0 sem hrs
Directed Study in Health Information Management. FA, SP, SU

HIM2920 Health Information Management Seminar, 2.0 sem hrs
This course will be a capstone course. Employability skills, marketing, and review for the national certification exam will be covered. FA

Co-Reqs: HIM2820
Pre-Reqs: HIM2283 AND HIM2400

HIM2949 Cooperative Education Experience in Health Records, 1.0-4.0 sem hrs
Cooperative Education Experience in Health Records FA, SP, SU

HLP - Health and Wellness

HLP1081 Fitness Assessment and Improvement, 3.0 sem hrs
This course evaluates the student s level of fitness, then develops a program of improvement through daily exercise and instruction in the areas of nutrition, stress management and basic training techniques. FA, SP, SU

Lab Fees: $25.00

HMV - Hospitality Management (Vocational)

HMV0103 Pastry I, 2.5 voc hrs
This course introduces non-yeast, laminated doughs and tye preparation of pastry products using a variety of methods: lamination, blending, creaming, foaming, thickening. Students will combine these methods into new products to create savory items and frozen desserts, use basic finishing methods by applying glazes, filling pastries, creating simple sauces and presenting products for service. FA, SP

Lab Fees: $150.00

HMV0104 Advanced Pastry, 2.5 voc hrs
This course enables the advanced student to produce pastries, including puff pastry, chouxd paste, short past, tortes, petit fours, skills developed in decorating techniques. FA, SP

Pre-Reqs: HMV0103
Lab Fees: $150.00

HMV0145 Wholesale Bakeshop Production, 2.5 voc hrs
This course is designed to enable the student to understand and demonstrate the skills needed to operate, service and maintain a WHOLESALE bakeshop that meets industry standards and operates at a profit. This course covers the preparation and service of individual baked goods and desserts. Students will learn station organization, timing, service. Students will learn inventory control, display and marketing of bakeshop products. FA, SP

Pre-Reqs: HMV0104

Lab Fees: $150.00

HMV0146 Retail Bakeshop Production, 2.5 voc hrs
This course explores the steps for planning and production for wholesale bakeshop and Small catering and banquet functions. Students will learn how to scale for Small volume production, calculate yield, work brigade line as a baker/pastry cook. Additionally learn how to store, wrap, delivery of small volume large variety of products in a RETAIL environment. FA, SP

Pre-Reqs: HMV0104
Lab Fees: $150.00

HSC - Health Sciences

HSC0005 Healthcare Concepts for the Massage Therapist, 3.0 voc hrs
This course provides an overview of the current healthcare delivery system in the USA and current health occupations. Content includes, but is not limited to the use of interpersonal and communication skills with patients and other health professionals, written communication skills, knowledge of blood borne diseases and HIV/AIDS education, legal and ethical responsibilities, safety and security procedures and infection control, medical errors and eight hours. FA

HSC1000 Introduction to Health Care, 3.0 sem hrs
Introduction to current practices and issues in health care. Content includes social and cultural responses to health problems of individuals and families; health care delivery in primary, secondary, and tertiary settings; critical thinking; health care professions; standards of practice; health care organizations; United States health policies; issues of finance, ethics, legal rights of patients and health care workers; infection control; universal precautions; and principles of effective communication and computer applications to health care. NOTE: This is a required course for students in selected health career programs. FA, SP, SU

Lab Fees: $5.00

HSC1421 Health, Safety and Nutrition for the Young Child, 3.0 sem hrs
Designed to provide the early childhood student with health, safety and nutrition principles for the young child; and experience and resources for teaching these principles in various curriculum areas. SP

HSC1531 Medical Terminology, 4.0 sem hrs
This course prepares students for medically oriented careers. FA, SP, SU

HSC2400 First Aid, Responding to Emergencies, 3.0 sem hrs
D e m o n s t r a t i o n s , practical experiences, lectures and discussions on the principles and skills essential to the individual for the care of emergencies in the home and community. Certificates in CPR and Responding to Emergencies will be issued to those individuals successfully completing the course. FA, SP, SU

Lab Fees: $15.00

HSC2905 Directed Study in Health and Fitness, 1.0-4.0 sem hrs
Directed Study in Health and Fitness. FA, SP, SU

HSC2949 Cooperative Education Experience in Health and Fitness, 1.0-4.0 sem hrs
Education Experience in Health and Fitness FA, SP, SU

HUM - Humanities

HUM2210 Prehistory to Medieval Humanities, 3.0 sem hrs
Literature, fine arts, music and philosophy of Western Europe from earliest times to the Renaissance, and their interrelation with the culture. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. (Corequisite: ENC 1101) FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $15.00

HUM2230 Renaissance to Postmodern Humanities, 3.0 sem hrs
A continuation of HUM 2210, beginning with the high Renaissance and concluding with the early 20th century. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. NOTE: HUM 2210 is NOT a prerequisite for HUMANITIES 2230. (Corequisite: ENC 1101) FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $15.00

HUM2480 Multi-Cultural Humanities, 3.0 sem hrs
A study of emerging Third World cultures and their relationship to the Western world by examining widely acclaimed literature, music and art of selected countries. (Corequisite: ENC 1101)

Lab Fees: $15.00

HUM2740 Humanities Overseas Study Program, 3.0-6.0 sem hrs
An opportunity to examine monuments of Western art in the classroom and in Europe. Specific attention given to interrelationships among the arts. SU

HUM2905 Directed Study in Humanities, 1.0-4.0 sem hrs
Directed Study in Humanities. FA, SP, SU

HUM2949 Directed Study in Humanities, 1.0-4.0 sem hrs
Cooperative Education Experience in Humanities

HUN - Nutrition

HUN1201 Human Nutrition, 3.0 sem hrs
This introductory course focuses on the principles of nutrition science and how they relate to human physiology and health. Practical applications for using nutrition as part of a personal approach to wellness are emphasized. FA, SP, SU

Lab Fees: $5.00

HUN1203 Culinary Nutrition, 3.0 sem hrs
This course relates nutrition to the food service industry by way of menu planning, studying nutritional deficiencies, diseases, retention of nutrients and the basic principles for health conscious cooking. FA, SP

HUN1270 Sports Nutrition, 3.0 sem hrs
Introduces human nutrition and its relationships to athletic performance, fitness and health. Presents scientifically-based sports nutrition recommendations for the active person and the trained athlete. FA, SP

Lab Fees: $5.00

HUN2905 Directed Study in Nutrition, 1.0-4.0 sem hrs
Directed Study in Nutrition FA, SP, SU

HUN2949 Cooperative Education Experience in Nutrition, 1.0-4.0 sem hrs
Cooperative Education Experience in Nutrition FA, SP, SU

HUS - Human Services

HUS1001 Introduction to Human Services, 3.0 sem hrs
Introduces the history and an overview of human services including social work and mental health. Describes roles, responsibilities and goals of the human service worker and values, conflicts and dilemmas that affect the worker and the client relationship. Involvement in college, community, and social service work is emphasized. In addition, the critical involvement of students in professional responsibilities is introduced with involvement in student/faculty clubs and professional organizations. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

Co-Reqs: PCO2202

HUS1332 Advanced Counseling/Interview Skills, 3.0 sem hrs
Advanced skills in assessment, recording, problem solving, developing treatment plans, case presentations, case management and crisis intervention are taught through academic and skill-based work. Practical experience and documentation required for internships and jobs in the field are emphasized. SP

Co-Reqs: HUS1850
Pre-Reqs: HUS1001 AND PCO2202

HUS1850 Human Services Externship I, 1.0 sem hrs
Experiential learning in human service agencies through the practice of counseling skills and techniques. On and off-campus job training and clinical supervision are required. SP

Co-Reqs: HUS1332
Pre-Reqs: HUS1001 AND PCO2202
Conc-Reqs: HUS1850L

HUS1850L Human Services Externship I Lab, 3.0 sem hrs
Experiential learning in human service agencies through the practice of counseling skills and techniques. On and off-campus job training and clinical supervision are required. SP

Conc-Reqs: HUS1850
Lab Fees: $5.00

HUS2008 Survey of Counseling Theory and Practice, 3.0 sem hrs
This course surveys the field of counseling theory and practice. The major theories that guide the practice of mental health counseling are

investigated, including the personality theories which are the underpinnings of many theoretical approaches. Further, this course reviews issues related to the counselor as a person and a professional and considers ethical issues in counseling practice. SP

HUS2200 Group Dynamics, 3.0 sem hrs
Introduction to group dynamics; study of structure, organization and function of groups; and survey of different types of groups. FA

Co-Reqs: HUS2851
Pre-Reqs: HUS1332 AND HUS2801

HUS2424 Addictions and Treatment, 3.0 sem hrs
This course addresses the skills, concepts and issues of addictive processes, treatment, recovery and counseling with diverse populations. National and state practices are taught as part of the field's development. It is part of the Transdisciplinary Foundations requirement of the certification boards. (Prerequisite: Appropriate placement scores or successful completion of college prep courses or permission of assistant chair or chairperson.) FA

HUS2441 Addictions, Families, and Communities, 3.0 sem hrs
P r o v i d e s training in substance abuse in the context of family and community systems. This course introduces the basic concepts and issues related to substance abuse prevention and addiction processes. Orientation to evidence-based practice is reviewed and updated. It is part of the Transdisciplinary Foundations required by the certification boards. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) SP

HUS2500 Issues and Ethics in Human Services, 3.0 sem hrs
This course continues the human services emphasis on professional practice and responsibilities. It adds to the student's knowledge and practice of legal and ethical problems and professional codes of ethics in human service fields. In addition, topics explored include sources of burnout and methods of reducing anxiety, stress and tension; current issues; social and multicultural issues, domestic violence; and effective personal and professional skills. SP

Co-Reqs: HUS2852 AND CLP2140

HUS2801 Human Services Practicum, 1.0 sem hrs
Practicum is designed to provide students with the opportunity to function in a chosen career in an internship/employee role for six or 12 weeks in a selected human service agency. Experiential learning in human service agencies through the practice of counseling and social service skills and techniques. On and off-campus job training and clinical supervision are required. SU

Pre-Reqs: HUS1850 AND HUS1332
Conc-Reqs: HUS2801L

HUS2801L Human Services Practicum Lab, 5.0 sem hrs
Practicum is designed to provide students with the opportunity to function in a chosen career in an internship/employee role for six or 12 weeks in a selected human service agency. Experiential learning in human service agencies through the practice of counseling and social service skills and techniques. On and off-campus job training and clinical supervision are required. SU

Conc-Reqs: HUS2801

HUS2851 Human Services Externship II, 1.0 sem hrs
Students select and interview at approved human service programs; activities will emphasize application of group dynamics and group skills. This course continues the practice skills from earlier externship and practicum experiences. On and off-campus job training and clinical supervision are required. FA

Co-Reqs: HUS2200
Pre-Reqs: HUS2801
Conc-Reqs: HUS2851L

HUS2851L Human Services Externship II Lab, 3.0 sem hrs
Students select and interview at approved human service programs; activities will emphasize application of group dynamics and group skills. This course continues the practice skills from earlier externship and practicum experiences. On and off-campus job training and clinical supervision are required. FA

Conc-Reqs: HUS2851

HUS2852 Human Services Externship III, 1.0 sem hrs
This experience gives the student opportunities to exercise more responsibility and leadership as a member of the Human Services team. This course continues the practice skills from earlier externship and practicum experiences. On and off-campus job training and clinical supervision are required. Leadership and mentoring roles are emphasized, with more sophisticated professional skills. SP

Co-Reqs: CLP2140 AND HUS2500
Pre-Reqs: HUS2851
Conc-Reqs: HUS2852L

HUS2852L Human Services Externship III Lab, 3.0 sem hrs
This experience gives the student opportunities to exercise more responsibility and leadership as a member of the Human Services team.

This course continues the practice skills from earlier externship and practicum experiences. On and off-campus job training and clinical supervision are required. Leadership and mentoring roles are emphasized, with more sophisticated professional skills. SP

Conc-Reqs: HUS2852

HUS2905 Directed Study in Human Services, 1.0-4.0 sem hrs
(Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

HUS2933 Human Services Seminar, 1.0 sem hrs
A multi-topical approach to the study of a theme, problem or area of reference in Human Services. This course helps students with skills used throughout the program. FA

Lab Fees: $10.00

IND - Interior Design

IND1001 History of Architecture and Interiors II, 3.0 sem hrs
The study of furniture history and architectural styles for the 19th century through contemporary interior design; current and future trends; recognizing and using different architectural and furniture styles in the interiors. SP

Lab Fees: $15.00

IND1021 Interior Design Studio I, 3.0 sem hrs
Planning floor plans in regard to function and aesthetics. Research and development of design solutions associated with color theory, furniture and room arrangement, lighting and electrical placement, application, floor plans, elevation development and graphic communication. FA, SP

Co-Reqs: BCN1251 AND BCN1251L
Pre-Reqs: HHD1321
Lab Fees: $45.00

IND1211 History of Architecture and Interiors I, 3.0 sem hrs
Furniture history and the development of architectural styles from Antiquity to the end of the 18th century. Recognition and use of different period styles in the design of historical interiors. FA

Lab Fees: $15.00

IND1300 Graphics of Interior Design I, 3.0 sem hrs
Basic presentation techniques with emphasis on materials and presentation boards. Oral and written communication and graphic presentation. Emphasis on marker and pencil rendering techniques. FA, SU

Lab Fees: $150.00

IND1429 Textiles for Commercial and Residential Interiors, 3.0 sem hrs
The study of fibers used in interiors, fire and life safety codes involving their use, fabrication, application and evaluation of textiles and proper professional terminology. SP

Lab Fees: $45.00

IND1432 Lighting for Interior Design, 2.0 sem hrs
This course is an introduction to the principles of lighting. Students will learn lighting effects, lighting systems, and the effect of lighting on human behavior for both residential and commercial applications.

Co-Reqs: IND1021
Lab Fees: $30.00

IND1935 Building and Barrier Free Codes, 2.0 sem hrs
This is a mandatory course required by the State Board of Education for all interior design students. It is designed to give the student an in-depth understanding of building codes and the American with Disabilities Guidelines (ADA). This course will teach students about space-planning and material specifications. Basic building construction and fire safety will be addressed. FA, SP

Pre-Reqs: BCN1251
Lab Fees: $15.00

IND2210 Interior Design Studio II, 3.0 sem hrs
This course creates a design studio atmosphere with projects and deadlines required throughout the semester. Advanced application of the principles and elements of design into the conceptual design process. Creative problem solving, programming and special analysis. Graphic communication and presentation, placement and selection of furniture, materials, accessories, lighting and electrical schedules. FA, SP, SU

Pre-Reqs: IND1021
Lab Fees: $65.00

IND2220 Commercial Interior Design, 3.0 sem hrs
Advanced application in creative problem solving and research of the design process for non-residential interiors. Space planning, programming, human factors, code requirements and specifications. Sample test project. FA

Pre-Reqs: IND1021
Lab Fees: $65.00

IND2501 Practices of Interior Design, 4.0 sem hrs
Establishing and maintaining a successful interior design business. Resume writing, cover letters and portfolio development procedures. Specifications, financial operations, estimating, schedules and recordkeeping. SP

Pre-Reqs: IND1021
Lab Fees: $45.00

IND2608 Sustainable Design, 3.0 sem hrs
The basic theories and practices of ecology relating to interior design products will be introduced. Students will gain an understanding of the impact of their interior selections on the environment. "Green" design will be introduced as students understand renewable resources, environment pollution, and conservation. This is an emerging field for interior design and architecture.

IND2949 Cooperative Education Experience in Interior Design, 1.0-4.0 sem hrs
Cooperative Education Training Assignment in Interior Design FA, SP, SU

INP - Psychology

INP1390 Human Relations in the Workplace, 3.0 sem hrs
Designed to enhance effectiveness in the workplace through an emphasis on awareness of self and others communication technique and interpersonal skills. Individualized Instruction. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $20.00

INR - Political Science

INR2002 International Relations, 3.0 sem hrs
Analysis of national power, foreign policy, settlement of disputes, the balance of power system, and international organization and disarmament in world affairs. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Co-Reqs: ENC1101
Lab Fees: $5.00

ISM - Information Management Systems

ISM4011 Introduction to Management Information Systems, 4.0 sem hrs
This course provides an introduction to the use of information technology in the business environment. The language, concepts, structures and processes involved in the management of information systems will be discussed. The course will have an applications component where software will be used to support managerial decision making. PR: CGS 2100 or equivalent. Senior level status or permission of the chair is required.

Pre-Reqs: CGS2100

ISM4905 Directed Study in Information Management Systems, 1.0-4.0 sem hrs
Directed Study in Information Management Systems. FA, SP, SU

ISS - Social Sciences

ISS1120 American Political and Economic Issues, 3.0 sem hrs
A study of current political and economic issues in the United States, including international cases affecting American society. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $8.00

ISS2905 Directed Study in Social Science, 3.0 sem hrs
Directed Study in Social Sciences (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

ITA - Foreign Language (Italian)

ITA1120 Elementary Italian I Concentrated, 3.0 sem hrs
Introductory course to the Italian language and culture for students who have limited or no knowledge of Italian. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

Conc-Reqs: ITA1120L

ITA1120L Elementary Italian I Concentrated Lab, 1.0 sem hrs
Introductory course to the Italian language and culture for students who have limited or no knowledge of Italian. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

Conc-Reqs: ITA1120
Lab Fees: $5.00

ITA1121 Elementary Italian II Concentrated, 3.0 sem hrs
A continuation of ITA1120/1120L to pursue further study of the structural aspects of the language with emphasis on strengthening communicative skills while deepening cultural awareness. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: ITA1120
Conc-Reqs: ITA1121L

ITA1121L Elementary Italian II Concentrated Lab, 1.0 sem hrs
A continuation of ITA1120/1120L to pursue further study of the structural aspects of the language with emphasis on strengthening communicative skills while deepening cultural awareness. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: ITA1120
Conc-Reqs: ITA1121
Lab Fees: $5.00

ITA2220 Intermediate Italian Reading and Conversation I, 3.0 sem hrs
Intermediate level course designed to enhance the student′s knowledge of the Italian language and culture through grammar analysis of newspaper articles, short cultural and literary readings, and discussions of such material to develop communicative competency. Includes three-hour class instruction and two-hour language laboratory. FA

Pre-Reqs: ITA1121
Conc-Reqs: ITA2220L

ITA2220L Intermediate Italian Reading and Conversation I Lab, 1.0 sem hrs
Intermediate level course designed to enhance the student′s knowledge of the Italian language and culture through grammar analysis of newspaper articles, short cultural and literary readings, and discussions of such material to develop communicative competency. Includes three-hour class instruction and two-hour language laboratory. FA

Pre-Reqs: ITA1121
Conc-Reqs: ITA2220
Lab Fees: $5.00

ITA2221 Intermediate Italian Reading and Conversation II, 3.0 sem hrs
A continuation of ITA 2220/2220L to complete the second year sequence of the intermediate level course in Italian language and culture. Instruction is designed to strengthen communicative and written skills with emphasis on oral and written expression while studying aspects of Italian history and literature. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: ITA2220
Conc-Reqs: ITA2221L

ITA2221L Intermediate Italian Reading and Conversation II Lab, 1.0 sem hrs
A continuation of ITA 2220/2220L to complete the second year sequence of the intermediate level course in Italian language and culture. Instruction is designed to strengthen communicative and written skills with emphasis on oral and written expression while studying aspects of Italian history and literature. Includes three-hour class instruction and two-hour language laboratory. SP

Pre-Reqs: ITA2220
Conc-Reqs: ITA2221L
Lab Fees: $5.00

ITA2905 Directed Study in Italian, 1.0-4.0 sem hrs
FA, SP, SU (Prerequisite: Appropriate placement scores or successful completion of college prep courses.)

JOU - Mass Communication (Journalism)

JOU1100 Introduction to Journalism, 3.0 sem hrs
Designed as a basic skills and practical application course for gathering, writing, reporting and editing news in journalistic style. FA, SP

Pre-Reqs: ENC1101
Lab Fees: $15.00

JOU2905 Directed Study in Journalism, 1.0-3.0 sem hrs
Directed Study in Journalism (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

JOU2949 Cooperative Education Experience in Journalism, 1.0-4.0 sem hrs
Cooperative Education Experience in Humanities (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

LAE - Language Arts and English Education

LAE3414 Children's Literature, 3.0 sem hrs
Survey, selection, use of children's literature in elementary schools. This course includes field experience in the public schools.

LAE4314 Teaching Language Arts, 3.0 sem hrs
Methods, materials, content, organization for teaching reading, writing, listening, speaking in the elementary school. Prerequiste: Admission to the teacher education program

LAE4361 Strategies for Literacy for Middle/High Schools, 3.0 sem hrs
This course is designed to examine theory, strategies, resources and implementation options for literacy in the content areas. This course includes 15 hours of field service in the public schools.

Pre-Reqs: TSL3080 AND EDG4323

LIS - Library and Information Studies

LIS1002 Finding Information: Skills and Technologies, 3.0 sem hrs
This course is a practical introduction to finding the different types of information individuals need to be successful in school, career and personal goals. The course covers resources both in and out of the library and highlights the use of computer technologies in research. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and REA 0001/0001L or equivalent.) FA

Pre-Reqs: REA0001
Lab Fees: $5.00

LIS2004 Introduction to Internet Information Research Resources, 1.0 sem hrs
This course is designed to develop skills needed to find, evaluate and use relevant resources that are available on the Internet including search strategies, retrieval, evaluation and proper citing of Internet resources. FA, SP, SU

LIS2949 Cooperative Education Experience in Library Work, 1.0-4.0 sem hrs
(Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

LIT - English Language and Literature

LIT2030 Understanding Poetry, 3.0 sem hrs
A survey of chronologically selected poets against the background of their r periods, with emphasis upon the major themes of poets of all ages. A broad cultural approach. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA

Pre-Reqs: ENC1101

LIT2040 Dramatic Literature, 3.0 sem hrs
A study of chronologically selected plays against the background of their periods. Emphasis upon the dramatic structure and universally dramatic themes. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA

Pre-Reqs: ENC1101

LIT2110 Masterpieces of World Literature I, 3.0 sem hrs
A study of world masterpieces from the time of the Old Testament through the Renaissance. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA

Pre-Reqs: ENC1101
Lab Fees: $15.00

LIT2120 Masterpieces of World Literature II, 3.0 sem hrs
A continuation of world masterpieces and national epics from the Renaissance to the 20th century and the Modern School. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. SP

Pre-Reqs: ENC1101
Lab Fees: $15.00

LIT2380 Literature By Women, 3.0 sem hrs
A study of women writers and the effects of history and historical changes projected through these writings from the 11th century through the present. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. SP

Pre-Reqs: ENC1101

LIT2602 Literature of the Sea, 3.0 sem hrs
A study of readings from short stories, poetry, novels, and drama that deal with various issues concerning the oceans of the world. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. SP

Co-Reqs: ENC1101
Lab Fees: $15.00

MAC - Mathematics

MAC1105 College Algebra, 3.0 sem hrs
Topics include: Polynomial and rational equations and inequalities, graphs of functions, rate of change, transformations, extreme values, modeling, combining functions, one-to-one and inverse functions, exponential functions, logarithmic functions, laws of logarithms, exponential and logarithmic equations, modeling, systems of equations, linear systems in three variables, nonlinear systems of equations, and linear and nonlinear systems of inequalities. A graphing calculator is required. (Prerequisite: Placement through Daytona State College placement test or passed MAT1033 with grade "C" or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAT1033
Lab Fees: $15.00

MAC1114 College Trigonometry, 3.0 sem hrs
Topics include: Graphing, solving and applications involving exponential and logarithmic functions; Systems of Equations and Inequalities, linear and nonlinear, two-variable and multivariable, and partial fractions; Matrices and Determinants; Sequences and Series, arithmetic sequences and partial sums, geometric sequences and series, mathematical Induction, and the Binomial Theorem; Analytic Geometry, parabolas, ellipses, hyperbolas, and transformations of conics; Introduction to Limits. A graphing calculator is required. (Prerequisite: Placement through Daytona State College Placement test or passed MAC1105 with grade "C" or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC1105 OR MAC1104
Lab Fees: $15.00

MAC1140 Pre-Calculus Algebra, 3.0 sem hrs
Topics include: Graphing, solving and applications involving exponential and logarithmic functions; Systems of Equations and Inequalities, linear and nonlinear, two-variable and multivariable, and partial fractions; Matrices and Determinants; Sequences and Series, arithmetic sequences and partial sums, geometric sequences and series, mathematical Induction, and the Binomial Theorem; Analytic Geometry, parabolas, ellipses, hyperbolas, and transformations of conics; Introduction to limits. A graphing calculator is required. (Prerequisite: Placement through Daytona State College Placement test or passed MAC1105 with grade "C" or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC1105 OR MAC1104
Lab Fees: $15.00

MAC2233 Calculus for Business and Nonphysical Sciences I, 3.0 sem hrs
This course is designed for students who plan to major in Business or the Social Sciences. Topics include: limits, continuity, differentiation and integration of algebraic, exponential and logarithmic functions with emphasis placed on applications in business, economics, and social sciences. A graphing calculator is required. (Prerequisite: Placement through Daytona State College placement test or passed MAC1140 with grade "C" or better, or permission of chairperson) FA, SP, SU

Pre-Reqs: MAC1140
Lab Fees: $15.00

MAC2311 Calculus I, 3.0 sem hrs
Topics include: Functions and graphs, mathematical models, limits, continuity, slope of a curve, derivatives of algebraic and transcendental functions, techniques of differentiation, applications of derivatives, differentials, optimization, plane areas, antiderivatives, definite integrals, and Fundamental Theorem of Calculus. A graphing calculator is required. (Prerequisite: Placement through Daytona State College placement test or completion of MAC1140 and MAC1114 with grades of "C" or better or by permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC1140 AND MAC1114
Conc-Reqs: MAC2311L

MAC2311L Calculus I Lab, 1.0 sem hrs
Topics include: functions and graphs, mathematical models, limits, continuity, slope of a curve, derivatives of algebraic and transcendental functions, techniques of differentiation, applications of derivatives, differentials, optimization, plane areas, antiderivatives, definite integrals, and Fundamental Theorem of Calculus (Prerequisite: Placement through CPT or completion of MAC1140 and MAC1114 with a grade of C or better or by permission of chairperson.) FA, SP, SU

Conc-Reqs: MAC2311
Lab Fees: $15.00

MAC2312 Calculus II, 3.0 sem hrs
A continuation of Calculus I including: Techniques of integration, applications of integrations, differentiation and integration in polar form,

sequences and series. A graphing calculator is required. (Prerequisite: Placement through Daytona State College Placement test or passed MAC2311 with grade "C" or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC2311
Conc-Reqs: MAC2312L

MAC2312L Calculus II Lab, 1.0 sem hrs
A continuation of Calculus I including: techniques of integration, applications of integrations, differentiation and integration in polar form, sequences and series. (Prerequisite: Placement through CPT or passed MAC2311/2311L with grade   C   or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC2311
Conc-Reqs: MAC2312
Lab Fees: $15.00

MAC2313 Calculus III, 3.0 sem hrs
A continuation of Calculus II including vectors analysis and applications, equations of lines and planes in space, vector valued functions, partial derivatives, minimizing/maximizing functions of several variables, Lagrange Multipliers, directional derivatives, gradient, iterated, multiple, surface and line integrals, and Green's Theorem. A graphing calculator is required. (Prerequisite: Placement through Daytona State College Placement test or passed MAC2312 with grade "C" or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC2312
Conc-Reqs: MAC2313L

MAC2313L Calculus III Lab, 1.0 sem hrs
A continuation of Calculus II including vectors, vector functions, partial derivatives, multiple, surface and line integrals, first order differential equations and linear second order differential equations. (Prerequisite: Placement through CPT or passed MAC2312/2312L with grade   C   or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC2312
Conc-Reqs: MAC2313
Lab Fees: $15.00

MAD - Mathematics

MAD2104 Discrete Mathematics, 3.0 sem hrs
Topics include: Sequences and sequence notation, propositional logic, negation and logical equivalence, quantifiers, multiple quantifiers and their negations, implications, the logic of implications, valid and invalid forms of reasoning; Direct and indirect proofs, proving by cases, mathematical induction, proof by contradiction, the pigeonhole principle, modular arithmetic and cryptography; Sets, subsets, operations on sets, proving set properties, the duality principle, Boolean algebra; Notation and terminology of functions, inverse functions, properties of relations, order relations, proofs about properties of relations, equivalence relations; Combinatorics, finite structures, combinatorical equivalence, basic rules for counting, combinations and the binomial theorem, binary sequences, recursive counting; Graphs and Trees, proofs about graphs and trees, isomorphism and planarity, graphs in puzzles and games. (Prerequisite: Passed MAC 2312 with grade "C" or better or permission of chairperson). FA, SP, SU

Pre-Reqs: MAC2311 AND MAC2311L

MAE - Mathematics Education

MAE2801 Elementary School Mathematics, 3.0 sem hrs
This course contains mathematical material appropriate for students studying to be elementary school teachers. Topics include: Operations on real numbers, problem solving techniques, prime factorizations, numerical systems, simplifying numeric expressions, sets and Venn diagrams, converting base systems, solving geometric problems, identification and classification of two and three dimensional figures, and finding area and perimeter of these figures. (Prerequisite: Placement through Daytona State College placement test or passed MAC1105 or MGF2106 with grade "C" or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC1105 OR MGF2106
Lab Fees: $15.00

MAE4326 How Children Learn Mathematics, 3.0 sem hrs
This course is designed to provide strategies for Pre-service teachers to develop mathematical literacy and understanding in the elementary classroom. This course requires field experience in the public schools.

Pre-Reqs: TSL3080 AND MAE2801 AND EDF4430 AND EDG4323

MAE4360 Mathematics Instructional Analysis, 3.0 sem hrs
This course is designed to prepare the pre-service mathematics teachers with the necessary knowledge and skills to be reflective, effective practitioners in the 6-12 setting. This course requires field experience in the public schools.

Pre-Reqs: EDF4430

MAN - Management

MAN2021 Principles of Management, 3.0 sem hrs
Designed to enable the student to understand and apply the following basic functions of management: planning, organizing, staffing, leading and controlling. FA, SP, SU

MAN2905 Directed Study in Management, 1.0-4.0 sem hrs
Directed Study in Management FA, SP, SU

MAN3240 Organizational Behavior, 3.0 sem hrs
This course is a study of individual and group behavior in organizations. Students will develop an understanding of how organizations can be managed more effectively. Course content includes motivation, group dynamics, conflict resolution, goal setting and rewards, job design, work stress, power/politics, and organizational change and development. PR: Junior level status or permission of the chair is required.

MAN3353 Management Theory and Practices, 3.0 sem hrs
This course examines management theory, relevant applications and cases, self-management, teamwork, global awareness, and communication for the development of management competencies. PR: Junior level status or permission of the chair is required.

MAN3905 Directed Study in Supervision and Management, 1.0-4.0 sem hrs
Directed Study in Supervision and Management. FA, SP, SU

MAN4120 Leadership Challenges and Supervision, 3.0 sem hrs
Discussion and application of leadership theories include skill formation to develop leadership abilities. Team building skills are emphasized to enhance leadership effectiveness. Students learn the importance of visioning in their organizations. PR: Senior level status or permission of the chair is required.

MAN4162 Customer Relations for Managers, 3.0 sem hrs
This course examines relationship building for all customers of an organization. The impact of culture and diversity on business relationships, successful negotiation strategies, and promotion of the organization through media relations are discussed. PR: Junior level status or permission of the chair is required.

MAN4301 Human Resource Management, 3.0 sem hrs
This course is a study of the functions of human resource management including recruitment, selection, benefits and compensation, performance evaluation, development of employees, and formulation of human resource procedures. The strategic role of human resources and current issues will be discussed. PR: Junior level status or permission of the chair is required.

MAN4504 Operational Decision Making, 3.0 sem hrs
This course focuses on operational decision-making management techniques to improve the processes and productivity in organizations. Discussion of quality and outcomes, efficiency, forecasting, work-flow processes, inventory control, design of goods and services, waiting lines and critical path. Managing a project from beginning to end, including how to identify needs, and define, assign and track items, is addressed. PR: Senior level status or permission of the chair is required.

MAN4900 Capstone Project in Supervision and Management, 4.0 sem hrs
This course focuses on the integration of knowledge, skills and abilities learned in the program through a capstone project. PR: Senior level status or permission of the chair is required. To be taken during the last semester of the program.

MAN4905 Directed Study in Supervision and Management, 1.0-4.0 sem hrs
Directed Study in Supervision and Management. FA, SP, SU

MAP - Mathematics

MAP2302 Differential Equations, 2.0 sem hrs
Topics include: First order ordinary differential equations, theory of linear ordinary differential equations solutions of linear and non-linear equations including variation of parameters, undetermined coefficients and Laplace transformation, matrix methods along with applications such as Newton's Law of Cooling, mixture problems, springs and free fall. A graphing calculator is required. (Prerequisite: Placement through Daytona State College Placement test or passed MAC2312 with grade "C" or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC2312 OR MAC2312L
Conc-Reqs: MAP2302L

MAP2302L Differential Equations Lab, 1.0 sem hrs
First order ordinary differential equations, theory of linear ordinary differential equations, solutions of linear and non-linear equations including variation of parameters and Laplace transformation methods along with applications. (Prerequisite: Placement through CPT or passed MAC2312/2312L with grade   C   or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAC2312
Conc-Reqs: MAP2302
Lab Fees: $15.00

MAR - Marketing

MAR2011 Principles of Global Marketing, 3.0 sem hrs
A global approach to the study of marketing. Domestic, international and multinational consideration of customer, product, price, promotion and place will be explored. Students will complete a marketing plan. FA, SP

MAR2720 Introduction to E-Commerce, 3.0 sem hrs
Course introduces students to the steps and strategies necessary for marketing products on the Internet. Emphasis is on tools, techniques, challenges and decision-making ability needed to participate in this rapidly growing sector of the economy. FA, SP

MAR2905 Directed Study in Marketing, 1.0-4.0 sem hrs
Directed Study in Marketing FA, SP, SU

MAR2949 Cooperative Education Experience in Marketing, 1.0-4.0 sem hrs
Cooperative Education Experience in Marketing FA, SP, SU

MAS - Mathematics

MAS3105 Linear Algebra, 3.0 sem hrs
Topics include: Solving systems of linear equations, matrix algebra, determinants, vector spaces and linear transformations with an emphasis beginning placed on computational methods with some exposure to proofs. (Prerequisites: Passed MAC 2312 with grade "C" or better or permission from chairperson).

Pre-Reqs: MAC2312 AND MAC2312L

MAS3301 Abstract Algebra, 3.0 sem hrs
Topics include: Divisibility and Euclid's Algorithm, Theorems of Euler and Fermat, Groups, Sub Groups, Cyclic Groups, Permutation Groups, Symmetric Groups, Cosets, Normal Subgroups, Quotient Groups, Fields, Rings, Subrings, Ideals, Quotient Rings, Isomorphisms, Homeomorphisms and Congruence. (Prerequisite: Passed MAS2103 with grade "C" or better or permission of chairperson.)

Pre-Reqs: MAS3105

MAS4203 Number Theory, 3.0 sem hrs
Topics include: Fibonacci Numbers, Divisibility, the Euclidean algorithm, Mersenne Primes, the Fundamental Theorem of Arithmetic, Number-theoretic functions, Diophantine Equations, Congruences, the Chinese Remainder Theorem, Perfect Numbers, Euler's Theorem, Fermat's Little Theorem, and Wilson's Theorem. (Prerequisite: Passed MAC2312 with grade "C" or better or permission of chairperson). FA, SP, SU

Pre-Reqs: MAC2312 AND MAC2312L

MAT - Mathematics

MAT0002 Mathematics I (Pre-Algebra), 3.0 college prep hrs
Topics include: A review of the basic arithmetic operations of whole numbers, mixed numbers, fractions, decimals and percents, ratio and proportion, basic operations of real numbers, simplifying algebra expressions and solving basic linear equations. (MAT 0002 cannot be used toward A.A., A.S., A.A.S. degree requirements.) FA, SP, SU.

Conc-Reqs: MAT0002L

MAT0002L Mathematics I (Pre-Algebra) Lab, 1.0 college prep hrs
This course in arithmetic provides an introduction and review of the basic operations of whole numbers, fractions, decimals and percents and an introduction to algebra which includes simplifying and solving linear equations. (MAT 0002L cannot be used toward A.A., A.S., A.A.S. degree requirements.) FA, SP, SU

Conc-Reqs: MAT0002
Lab Fees: $15.00

MAT0020 Integrated Arithmetic and Algebra, 5.0 college prep hrs
A review of arithmetic involving basic operations of whole numbers, fractions, decimals and percents. Additional topics includes an introduction to algebraic concepts such as graphing linear equations in two variables, polynomials and properties of exponents, factoring and other skills need for further study in algebra and general education mathematics. MAT0020 cannot be used towards an A.A., A.A.S. or A.S. degree requirement. (Prerequisite: placement through the Daytona State College placement test or permission of chairperson.) FA, SP, SU

Lab Fees: $15.00

MAT0024 Mathematics II (Elementary Algebra), 3.0 college prep hrs
Topics include: An introduction to algebra: a review of basic operations of real numbers, solving linear equations containing parentheses, fractions, and decimals, graphing linear equations in two variables, and properties of exponents and factoring. MAT0024

cannot be used toward A.A., A.S., A.A.S. degree requirements. (Prerequisite: Placement through the Daytona State College placement test or MAT0002 with grade of "B" or better.) FA, SP, SU

Conc-Reqs: MAT0024L

MAT0024L Mathematics II (Elementary Algebra) Lab, 1.0 college prep hrs
This is a basic algebra course with includes solving linear equations, solving linear inequalities, solving quadratic equations, graphing linear and quadratic equations, adding, subtracting, multiplying and dividing polynomials, exponential notation, and factoring quadratics. MAT0024 cannot be used toward A.A., A.A.S or A.S. degree requirements. (Prerequisite: Placement through CPT or passed MAT0002 with grade B or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: MAT0002
Conc-Reqs: MAT0024
Lab Fees: $15.00

MAT1033 Intermediate Algebra, 4.0 sem hrs
Topics include: Graphing linear functions, quadratic functions, absolute value functions, radical functions and rational functions, with a focus on simplifying, adding and multiplying these functions as well as methods to solve equations involving these types of functions. Other topics include inequalities, functional equations, factoring polynomials, applied problems, systems of equations, quadratic formula, completing the square and complex numbers. (Prerequisite: Placement through Daytona State College placement test or MAT0024 with grade of "B" or better.). FA, SP, SU.

Pre-Reqs: MAT0024
Lab Fees: $15.00

MCB - Microbiology

MCB1010 Microbiology, 3.0 sem hrs
A study of the microbial world, with emphasis on structure, function, metabolism and principles of the host-parasite relationship. Three-hour lecture, three-hour laboratory. (Co-requisites: ENC1101, MCB1010L) FA, SP, SU

Co-Reqs: ENC1101
Conc-Reqs: MCB1010L

MCB1010L Microbiology Lab, 1.0 sem hrs
Mandatory three-hour laboratory portion of MCB 1010. (Co-requisite: MCB 1010) Lab Fee 50.00 FA, SP, SU

Co-Reqs: ENC1101
Conc-Reqs: MCB1010
Lab Fees: $50.00

MCB2905 Directed Study in Microbiology, 1.0-3.0 sem hrs
Directed Study in Microbiology FA, SP, SU

MEA - Medical Assisting

MEA0005 Introduction to Medical Assisting, 4.03 voc hrs
This course covers the history of medicine, the medical assisting profession, the duties of a medical assistant, the characteristics of a medical assistant and members of the health care team, insurance, credits, collection methods and correct coding procedures for billing purposes will be covered. Students will also be prepared to seek employment in the field and be given guidelines for resumé writing, cover letters and follow-up letters for interview purposes. FA

MEA0204 Clinical Procedures for Medical Assisting, 1.66 voc hrs
This course covers infection control techniques, how infections and blood borne pathogens are spread, basic first aid and emergency procedures, as well as how to maintain emergency equipment. Students will also know how to take vital signs, prepare patients for, as well as assist with various procedures, quality control and how to maintain medication records and accurately document interviews and findings. SP

Co-Reqs: MEA0230 AND MEA0204 AND MEA0231
Pre-Reqs: MEA0005
Conc-Reqs: MEA0204L

MEA0204L Clinical Procedures for Medical Assisting Lab, 3.34 voc hrs
This course covers infection control techniques, how infections and blood borne pathogens are spread, basic first aid and emergency procedures, as well as how to maintain emergency equipment. Students will also know how to take vital signs, prepare patients for, as well as assist with various procedures, quality control and how to maintain medication records and accurately document interviews and findings. SP

Conc-Reqs: MEA0204
Lab Fees: $20.00

MEA0230 Medical Terminology for Medical Assisting, 3.33 voc hrs
Students will demonstrate a knowledge and understanding of basic body systems. Terminology, spelling, diseases and procedures associated with each system will be covered in this course. FA

Co-Reqs: MEA0230 AND MEA0258 AND MEA0204
Pre-Reqs: MEA0005
Conc-Reqs: MEA0230L

MEA0230L Medical Terminology for Medical Assisting Lab, 0.67 voc hrs
Students will demonstrate a knowledge and understanding of basic body systems. Terminology, spelling, diseases and procedures associated with each system will be covered in this course. FA

Conc-Reqs: MEA0230

MEA0231 Anatomy and Physiology for Medical Assisting, 3.33 voc hrs
The student will have knowledge of the organization of the human body and how it functions in both a wellness and illness state. The course will also prepare the student to assist the physician in planning of and education of patients on diets as they relate to diseases/health of each of the body systems. FA

Co-Reqs: MEA0230 AND MEA0231 AND MEA0204
Pre-Reqs: MEA0005
Conc-Reqs: MEA0231L

MEA0231L Anatomy and Physiology for Medical Assisting Lab, 2.67 voc hrs
The student will have knowledge of the organization of the human body and how it functions in both a wellness and illness state. The course will also prepare the student to assist the physician in planning of and education of patients on diets as they relate to diseases/health of each of the body systems. FA

Conc-Reqs: MEA0231

MEA0242 Pharmacology for Medical Assisting, 1.0 voc hrs
This course will prepare students to perform duties relevant to the administration of medications under the supervision of a physician. SP

Co-Reqs: MEA0310 AND MEA0256
Pre-Reqs: MEA0258 AND MEA0231 AND MEA0204 AND MEA0230
Conc-Reqs: MEA0242L

MEA0242L Pharmacology for Medical Assisting Lab, 3.0 voc hrs
This course will prepare students to perform duties relevant to the administration of medications under the supervision of a physician. SP

Conc-Reqs: MEA0242
Lab Fees: $20.00

MEA0256 Laboratory Procedures for Medical Assisting, 2.66 voc hrs
The student will gain an understanding of the various laboratory tests, the departments in a laboratory, the personnel, safety rules, government regulations, how to perform basic tests, how to collect blood specimens by various methods and how to perform electrocardiograms. SP

Co-Reqs: MEA0242 AND MEA0310
Pre-Reqs: MEA0204 AND MEA0231 AND MEA0258 AND MEA0230
Conc-Reqs: MEA0256L

MEA0256L Laboratory Procedures for Medical Assisting Lab, 3.64 voc hrs
The student will gain an understanding of the various laboratory tests, the departments in a laboratory, the personnel, safety rules, government regulations, how to perform basic tests, how to collect blood specimens by various methods and how to perform electrocardiograms. SP

Conc-Reqs: MEA0256
Lab Fees: $20.00

MEA0258 Radiology for Medical Assisting, 1.0 voc hrs
Course will prepare the student for the state of Florida basic X-ray examination. The student will learn basic X-ray procedures, processing techniques and safety procedures. SP

Co-Reqs: MEA0230 AND MEA0204 AND MEA0258
Pre-Reqs: MEA0005
Conc-Reqs: MEA0258L

MEA0258L Radiology for Medical Assisting Lab, 1.0 voc hrs
Course will prepare the student for the state of Florida basic X-ray examination. The student will learn basic X-ray procedures, processing techniques and safety procedures. SP

Conc-Reqs: MEA0258

MEA0310 Clerical Procedures for Medical Assisting, 2.0 voc hrs
This course will prepare students to perform all duties of a medical office receptionist. Including but not limited to, skills in typing, filing, scheduling and billing. FA

Co-Reqs: MEA0242 AND MEA0256
Pre-Reqs: MEA0258 AND MEA0231 AND MEA0204 AND MEA0230
Conc-Reqs: MEA0310L

MEA0310L Clerical Procedures for Medical Assisting Lab, 2.0 voc hrs
This course will prepare students to perform all duties of a medical office receptionist. Including but not limited to, skills in typing, filing, scheduling and billing. FA

Conc-Reqs: MEA0310

MEA0801 Externship for Medical Assisting, 8.0 voc hrs
The student will apply those skills gained in the classroom in a professional setting. They will be responsible for 240 hours of hands-on practical in physician s offices, clinic settings and urgent care facilities. The school will be responsible for obtaining the clinical sites, and monitoring the student s progress to complete this portion of the program. SU

Pre-Reqs: MEA0242 AND MEA0310 AND MEA0256
Lab Fees: $15.00

MET - Meteorology

MET2010 Meteorology, 3.0 sem hrs
An introduction to the fundamentals of weather and climate. Topics include temperature, humidity, clouds, precipitation, air masses, fronts, storms, air pollution and climate. Emphasis is on how these processes take place and their results. (Co-requisites: ENC1101 and MAT1033.) FA,SP

Co-Reqs: MAT1033 AND ENC1101 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MAC2311 OR MGF2106

MGF - Mathematics

MGF2106 College Mathematics, 3.0 sem hrs
opics include: Set theory, graph theory, logic, geometry, counting methods, probability, statistics, and other optional materials. (Prerequisite: Placement through Daytona State College placement test or passed MAT 1033 with grade "C" or better or permission of chairperson.) FA, SP, SU

Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103
Pre-Reqs: MAT1033 OR MAC1105
Lab Fees: $15.00

MGF2107 Mathematics for Liberal Arts, 3.0 sem hrs
Topics include: Consumer mathematics, mathematical modeling, and geometry in art, graph theory, voting, apportionment techniques and history of mathematics. Applications to real-world situations are heavily emphasized. (Prerequisite: Placement through Daytona State College placement test or passed MAT 1033 with grade "C" or better of permission of chairperson.) FA, SP, SU

Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103
Pre-Reqs: MAT1033
Lab Fees: $15.00

MHF - Mathematics

MHF4404 History of Mathematics, 3.0 sem hrs
Topics include: Counting Methods (Egyptian & Babylonian), the Pythagoreans, Euclid, the Alexandrian School, Roman Mathematics, Indian Mathematics, Arabic Mathematics, Descartes, Pascal, the Calculus Controversy, Newton's Principia, the development of probability theory, the development of number theory, Euler, Gauss, moving toward a rigorous set of axioms for mathematics, Hilbert's unsolved problems, non-Euclidean geometries and modern topics in Mathematics. (Prerequisite: Passed MAC2312 with grade "C" or better or permission of chairperson) FA, SP, SU

Pre-Reqs: MAC2311 AND MAC2311L

MMC - Mass Communication

MMC1000 Introduction to Mass Communication, 3.0 sem hrs
Introduction to the media of mass communication, covering: media s impact on society; responsibilities and legalities; and careers in broadcasting, newspapers, magazines, book publishing, advertising, the music and movie industries. FA, SP

Co-Reqs: ENC1101
Lab Fees: $15.00

MNA - Management

MNA2161 Quality Service Management, 3.0 sem hrs
This course examines quality service management and develops an appreciation for its vital importance in today's businesses, nationally and internationally. The content includes customer service techniques, customer communications skills, dealing with challenging customers, and problem-solving skills. FA, SP, SU

MNA2345 Supervision of Personnel, 3.0 sem hrs
Designed for the student who holds or aspires to a supervisory position. The management functions of planning, organizing, staffing, directing and controlling will be studied and applied. FA, SP

MSL - Military Science

MSL1001 Foundations of Officership, 1.0 sem hrs
A study of the defense establishment and the organization and development of the United States Army. A study of military courtesy, discipline, customs and traditions of the service. A historical perspective of the role of the different branches of the United States Army and the role they have played in the freedom of the nation. An instruction to physical readiness training. Exercises normally include M16-A1 rifle firing, rappelling training, and airmobile helicopter operations. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

MSL1002 Basic Leadership, 1.0 sem hrs
Fundamentals of land navigation that include map reading, terrain identification, intersection, resection and polar coordinates. A study of the roles the active Army Forces, the Army Reserve Forces and the Army National Guard play in our nation s defense. Continued emphasis on physical readiness training. Field training exercises normally include M16-A1 rifle firing, rappelling training and airmobile operations. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) SP

MSL2101 Individual Leadership Studies, 1.0 sem hrs
A review of the customs and traditions of the service. The fundamentals of leadership development and the importance of understanding the principles needed for effective leadership. Requires mandatory physical training exercises which normally include M16-A1 rifle firing, rappelling training and airmobile helicopter operations. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

MSL2102 Leadership and Teamwork, 1.0 sem hrs
The fundamentals of military geography and their application in the use of navigational aids for the military forces. A study of preventive medicine countermeasures and first aid techniques that every leader must know. Requires mandatory physical training and includes both lecture and leadership laboratory. Two weekend training exercises normally include M16-A1 rifle firing, rappelling training and airmobile helicopter operations. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) SP

Conc-Reqs: MSL1001L

MSL2905 Directed Study in Army Leadership, 4.0 sem hrs
Directed Study in Military Leadership FA, SP, SU

MSS - Massage Therapy

MSS0156 Anatomy and Physiology for Massage Therapist I, 2.5 voc hrs
A course designed to cover all organ systems of the human body and their structure and function, taking the student from an understanding of tissues from a cellular level to the individual organ systems and their relationship as a whole. Students will begin their understanding of the human skeleton and muscular systems through lecture and Maniken labs. FA

MSS0157 Anatomy and Physiology Massage Therapist II, 2.5 voc hrs
A continuation of Anatomy & Physiology for Massage Therapist I with increased emphasis on the muscular system. Students will gain knowledge in kinesiology as origin and insertions and the action of muscles will be demonstrated through lecture, palpation and Maniken labs. SP

Pre-Reqs: MSS0156

MSS0215 Statutes/Rules and Ethics, 0.33 voc hrs
Students will learn the history of massage and the applications of therapeutic massage in our health care system. The statutes and rules of the Florida Board of Massage will be covered and discussed in detail. FA

MSS0274 PathologyRelated to Massage Therapy, 1.5 voc hrs
This course will provide students with information about numerous pathological conditions. Emphasis will be on conditions that occur frequently enough that a practicing massage therapist will likely encounter them and those conditions that may be profoundly affected by massage therapy. SP

MSS0283 Allied Modalities I, 1.7 voc hrs
Course will cover the use of allied modalities related to massage. Students will be shown various modalities within scope of practice and become familiar with those outside their scope of practice. FA

Lab Fees: $10.00

MSS0284 Allied Modalities II, 1.7 voc hrs
Course designed to enable students to gain professional attitudes with a commitment to the ethical practice of massage therapy. Employability skills as well as knowledge in business practices and standards will be discussed. This course will also increase students awareness of human relationship skills. SP

Pre-Reqs: MSS0283
Lab Fees: $10.00

MSS0315 Theory and Practice of Hydrotherapy, 0.67 voc hrs
This course will provide students with the history and principles of the theories of hydrotherapy as it applies to therapeutic massage practices. SP

Lab Fees: $5.00

MSS0601 Professional and Personal Development, 0.5 voc hrs
This course focuses on preparing students for effective communication and emphasizes attentive listening and working with a diversity of clients. Students will learn about effective written and verbal communication skills. Practical guidelines will be given on how to establish a successful massage therapy practice, professional presentation, fee structure, marketing strategies, and business ethics. SP

MSS0803 Massage Theory and Clinical Practicum I, 1.25 voc hrs
This course will provide students with an understanding of the principles and theories of therapeutic massage. In a systematic approach students will be shown proper techniques of massage manipulation. It is here that students will begin their awareness of sensitivity and trust which will be carried throughout the program. FA

Conc-Reqs: MSS0803L

MSS0803L Massage Theory and Clinical Practicum I Lab, 4.05 voc hrs
This course will provide students with an understanding of the principles and theories of therapeutic massage. In a systematic approach students will be shown proper techniques of massage manipulation. It is here that students will begin their awareness of sensitivity and trust which will be carried throughout the program. FA

Conc-Reqs: MSS0803
Lab Fees: $10.00

MSS0804 Massage Theory and Practicum II, 1.25 voc hrs
This course will further students understanding of the principles and theories of therapeutic massage. Students will develop skills and confidence through palpation of major anatomical structures and muscle attachments, recognizing the quality of various tissue structures of the body. As part of this course students are required to give 30 Swedish massage sessions to be evaluated by client and instructor. Documentation and therapist/client communication skills will be covered in this course. SP

Pre-Reqs: MSS0803
Conc-Reqs: MSS0804L

MSS0804L Massage Theory and Practicum II Lab, 4.05 voc hrs
This course will further students understanding of the principles and theories of therapeutic massage. Students will develop skills and confidence through palpation of major anatomical structures and muscle attachments, recognizing the quality of various tissue structures of the body. As part of this course students are required to give 30 Swedish massage sessions to be evaluated by client and instructor. Documentation and therapist/client communication skills will be covered in this course. SP

Conc-Reqs: MSS0804
Lab Fees: $10.00

MTB - Mathematics

MTB1348 Applied Technical Math, 3.0 sem hrs
Precalculus mathematics designed for Engineering Technology majors. Topics emphasized are functions and graphs, equations, geometry and right angle trigonometry. (Prerequisite: Placement through Daytona State placement test or MAT 0024/0024L with grade of "B" or better or permission of chairperson.) FA, SP

Pre-Reqs: MAT0024

MTG - Mathematics

MTG4212 Modern Geometry, 3.0 sem hrs
Topics include: Euclidean geometry and its relationship to logic, trigonometry, and coordinate geometry. The problems, proofs, constructions, and graphs involve line segments, angles, triangles and polygons, parallel and perpendicular lines, slope of lines, circles, and similarity. (Prerequisite Passed MAC2312 with a grade of "C" or Permission from chairperson.) FA, SP, SU

Pre-Reqs: MAC2312L AND MAC2312

MUL - Music

MUL1010 Music Appreciation, 3.0 sem hrs
A survey course designed to establish a broad understanding of Western and Non-western musical styles. An emphasis will be placed upon critical listening skills, the recognition of fundamental musical elements and the roles of music in society from ancient to modern times. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101

MUL2380 Popular Music in America, 3.0 sem hrs
This course looks at the events both social and musical that affected pop music in America. In addition, a timeline will be established and major artist s contributions identified for the various periods of America pop culture. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101

MUL2905 Directed Study in Music, 1.0-4.0 sem hrs
Directed Study in Music FA, SP, SU

MUN - Music

MUN1031 Contemporary Music Ensemble, 1.0 sem hrs
Courses in an instructional program that provide opportunities for students to participate in ensembles. (Prerequisite: Permission of instructor.)

MUN1120 College Band, 2.0 sem hrs
Reading and performance of all styles of concert band literature; encouragement of soloist and ensemble performance with band. May be repeated one time for credit. Four hours of class per week. FA, SP

Conc-Reqs: MUN1120L

MUN1120L College Band Lab, 1.0 sem hrs
Reading and performance of all styles of concert band literature; encouragement of soloist and ensemble performance with band. May be repeated one time for credit. Four hours of class per week. FA, SP

Conc-Reqs: MUN1120

MUN1210 Orchestra, 2.0 sem hrs
An instrumental ensemble performing works from the symphonic repertory. May be repeated one time for credit. Four hours of class per week. FA, SP

Conc-Reqs: MUN1210L

MUN1210L Orchestra, 1.0 sem hrs
An instrumental ensemble performing works from the symphonic repertory. May be repeated one time for credit. Four hours of class per week. FA, SP

Conc-Reqs: MUN1210

MUN1340 Concert Choir, 2.0 sem hrs
Offers an opportunity to study and perform master choral works from the Renaissance to the contemporary periods. Membership open to all students by audition. May be repeated one time for credit. Four hours of class per week. (Contact instructor.) FA, SP

Conc-Reqs: MUN1340L

MUN1340L Concert Choir Lab, 1.0 sem hrs
Offers an opportunity to study and perform master choral works from the Renaissance to the contemporary periods. Membership open to all students by audition. May be repeated one time for credit. Four hours of class per week. (Contact instructor.) FA, SP

Conc-Reqs: MUN1340

MUN1362 Madrigal Dinner Rehearsal and Performance, 3.0 sem hrs
The class will focus on acting, singing (choral, ensemble, and solo), and role playing as they are applied to the annual Yuletide Feast productions. FA

MUN1410 String Chamber Ensemble, 1.0 sem hrs
MUN 1410-2410 String Chamber Ensemble

MUN1420 Woodwind Chamber Ensemble, 1.0 sem hrs
MUN 1420-2420 Woodwind Chamber Ensemble

MUN1430 Brass Chamber Ensemble, 1.0 sem hrs
MUN 1430-2430 Brass Chamber Ensemble

MUN1440 Perecussion Chamber Ensemble, 1.0 sem hrs
MUN 1440-2440 Percussion Chamber Ensemble

MUN1450 Keyboard Chamber Ensemble, 1.0 sem hrs
MUN 1450-2450 Keyboard Chamber Ensemble

MUN1460 Mixed Chamber Ensemble, 1.0 sem hrs
MUN 1460-2460 Mixed Chamber Ensemble

MUN1470 Collegium Musician Chamber Ensemble, 1.0 sem hrs
MUN 1470-2470 Collegium Musician Chamber Ensemble

MUN1480 Guitar Chamber Ensemble, 1.0 sem hrs
MUN 1480-2480 Guitar Chamber Ensemble

MUN1490 Early Music Chamber Ensemble, 1.0 sem hrs
MUN 1490-2490 Early Music Chamber Ensemble

MUN1710 Jazz Ensemble, 2.0 sem hrs
Analytical study and performance of popular works in big band jazz, small combo groups, swing, be-bop, ballad and improvisation techniques. Three hours of class per week. May be repeated one time for credit. (Prerequisite: Permission of instructor.) FA, SP

Conc-Reqs: MUN1710L

MUN1710L Jazz Ensemble Lab, 1.0 sem hrs
Analytical study and performance of popular works in big band jazz, small combo groups, swing, be-bop, ballad and improvisation techniques. Three hours of class per week. May be repeated one time for credit. (Prerequisite: Permission of assistant chair.) FA, SP

Conc-Reqs: MUN1710

MUN1720 Contemporary Vocal Ensemble, 2.0 sem hrs
Vocal and instrumental showcase group which represents the College through performance of choreographed American popular music. Membership open to all students by audition. May be repeated one time for credit. (Contact instructor.) Four hours of class per week. FA, SP

Co-Reqs: MUN1340
Conc-Reqs: MUN1720L

MUN1720L Contemporary Vocal Ensemble Lab, 1.0 sem hrs
Vocal and instrumental showcase group which represents the College through performance of choreographed American popular music. Membership open to all students by audition. May be repeated one time for credit. (Contact instructor.) Four hours of class per week. FA, SP

Conc-Reqs: MUN1720

MUN2490 Early Music Chamber Ensemble, 1.0 sem hrs
MUN 1490-2490 Early Music Chamber Ensemble

MUS - Music

MUS2360 Learning Basic Music Using the Computer, 3.0 sem hrs
A course designed to introduce the student to basic music applications on the computer. The student will gain a basic knowledge of MIDI setup and applications such as engraving and sequencing. FA, SP

MUS2905 Cooperative Education Experience in Music, 1.0-3.0 sem hrs
Cooperative Education Experience in Music. FA, SP, SU

MUT - Music

MUT1001 Fundamentals of Music, 3.0 sem hrs
The student learns to read basic music notation and applies this knowledge to develop fundamental skills. Also, students begin to create simple compositions and to develop the ability to notate music which is heard. This course requires no music skills or previous experience.

MUT1121 Music Theory I, 3.0 sem hrs
Elements of music through reading, writing, singing and playing. All primary and secondary triads, their conversions and the dominant seventh chord. Sight singing, ear training, keyboard harmony, harmonic and structural analysis and elementary dictation. Three-hour class, two-hour laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

Conc-Reqs: MUT1121L

MUT1121L Music Theory I Lab, 1.0 sem hrs
Elements of music through reading, writing, singing and playing. All primary and secondary triads, their conversions and the dominant seventh chord. Sight singing, ear training, keyboard harmony, harmonic and structural analysis and elementary dictation. Three-hour class, two-hour laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

Conc-Reqs: MUT1121

MUT1122 Music Theory II, 3.0 sem hrs
Continuation of MUT 1121 through secondary dominant chords and modulation. Part-writing principles, figured bass writing for instruments and elementary composition. Sight singing, ear training, keyboard harmony, harmonic and form analysis and intermediate dictation. Three-hour class, two-hour laboratory. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and MUT 1121/1121L.) FA, SP

Pre-Reqs: MUT1121
Conc-Reqs: MUT1122L

MUT1122L Music Theory II Lab, 1.0 sem hrs
Continuation of MUT 1121 through secondary dominant chords and modulation. Part-writing principles, figured bass writing for instruments and elementary composition. Sight singing, ear training, keyboard harmony, harmonic and form analysis and intermediate dictation. Three-hour class, two-hour laboratory. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and MUT 1121/1121L.) FA, SP

Conc-Reqs: MUT1122

MUT2126 Music Theory III, 3.0 sem hrs
Study of modulations; altered chords; extended chord structures; form analysis through reading, writing; sight-singing and ear training; and keyboard harmony. Three-hour class, two-hour laboratory. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and MUT 1122/1122L or equivalent.) FA, SP

Pre-Reqs: MUT1122
Conc-Reqs: MUT2126L

MUT2126L Music Theory III Lab, 1.0 sem hrs
Study of modulations; altered chords; extended chord structures; form analysis through reading, writing; sight-singing and ear training; and keyboard harmony. Three-hour class, two-hour laboratory. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and MUT 1122/1122L or equivalent.) FA, SP

Conc-Reqs: MUT2126

MUT2127 Music Theory IV, 3.0 sem hrs
Study of modulation, altered chords, extended chord structures and extended-form analysis. Score reading, part writing, composition, sight singing, ear training and form analysis. Three-hour class, two-hour laboratory. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and MUT 2126/2126L or equivalent.) FA, SP

Pre-Reqs: MUT2126
Conc-Reqs: MUT2127L

MUT2127L Music Theory IV Lab, 1.0 sem hrs
Study of modulation, altered chords, extended chord structures and extended-form analysis. Score reading, part writing, composition, sight

singing, ear training and form analysis. Three-hour class, two-hour laboratory. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and MUT 2126/2126L or equivalent.) FA, SP

Conc-Reqs: MUT2127

MVB - Music

MVB1211 Applied Music Secondary, Trumpet, 1.0 sem hrs
MVB 1211-2221 Applied Music Secondary, Trumpet

Lab Fees: $100.00

MVB1212 Applied Music Secondary, French Horn, 1.0 sem hrs
MVB 1212-2222 Applied Music Secondary, French Horn

Lab Fees: $100.00

MVB1213 Applied Music Secondary, Trombone, 1.0 sem hrs
MVB 1213-2223 Applied Music Secondary, Trombone

Lab Fees: $100.00

MVB1214 Applied Music Secondary, Baritone Horn, 1.0 sem hrs
MVB 1214-2224 Applied Music Secondary, Baritone Horn

Lab Fees: $100.00

MVB1215 Applied Music Secondary, Tuba, 1.0 sem hrs
MVB 1215-2225 Applied Music Secondary, Tuba

Lab Fees: $100.00

MVB1311 Applied Music Principal, Trumpet, 2.0 sem hrs
Applied Music, Principal, trumpet

Lab Fees: $200.00

MVK - Music

MVK1211 Applied Music Secondary, Piano, 1.0 sem hrs
MVK 1211-2221 Applied Music Secondary, Piano

Lab Fees: $100.00

MVK1212 Applied Music Secondary, Harpsichord, 1.0 sem hrs
MVK 1212-2222 Applied Music Secondary, Harpsichord

Lab Fees: $100.00

MVK1213 Applied Music Secondary, Organ, 1.0 sem hrs
MVK 1213-2223 Applied Music Secondary, Organ

Lab Fees: $100.00

MVO - Music

MVO1210 Applied Music Secondary, Other Instruments, 1.0 sem hrs
MVO 1210-2220 Applied Music Secondary, Other Instruments

Lab Fees: $100.00

MVP - Music

MVP1211 Applied Music Secondary, Percussion, 1.0 sem hrs
MVP 1211-2221 Applied Music Secondary, Percussion

Lab Fees: $100.00

MVS - Music

MVS1211 Applied Music Secondary, Violin, 1.0 sem hrs
MVS 1211-2221 Applied Music Secondary, Violin

Lab Fees: $100.00

MVS1212 Applied Music Secondary, Viola, 1.0 sem hrs
MVS 1212-2222 Applied Music Secondary, Viola

Lab Fees: $100.00

MVS1213 Applied Music Secondary, Cello, 1.0 sem hrs
MVS 1213-2223 Applied Music Secondary, Cello

Lab Fees: $100.00

MVS1214 Applied Music Secondary, String Bass, 1.0 sem hrs
MVS 1214-2224 Applied Music Secondary, String Bass

Lab Fees: $100.00

MVS1215 Applied Music Secondary, Harp, 1.0 sem hrs
MVS 1215-2225 Applied Music Secondary, Harp

Lab Fees: $100.00

MVS1216 Applied Music Secondary, Guitar, 1.0 sem hrs
MVS 1216-2226 Applied Music Secondary, Guitar

Lab Fees: $100.00

MVV - Music

MVV1111 Beginning Class Voice, 1.0 sem hrs
Students will gain a general understanding of the fundamentals of singing and vocal techniques through practical application in both group and individualized settings.

MVV1211 Applied Music Secondary, Voice, 1.0 sem hrs
MVV 1211-2221 Applied Music Secondary, Voice

Lab Fees: $100.00

MVW - Music

MVW1211 Applied Music Secondary, Flute, 1.0 sem hrs
MVW 1211-2221 Applied Music Secondary, Flute

Lab Fees: $100.00

MVW1212 Applied Music Secondary, Oboe, 1.0 sem hrs
MVW 1212-2222 Applied Music Secondary, Oboe

Lab Fees: $100.00

MVW1213 Applied Music Secondary, Clarinet, 1.0 sem hrs
MVW 1213 2223 Applied Music Secondary, Clarinet

Lab Fees: $100.00

MVW1214 Applied Music Secondary, Bassoon, 1.0 sem hrs
MVW 1214-2224 Applied Music Secondary, Bassoon

Lab Fees: $100.00

MVW1215 Applied Music Secondary, Saxophone, 1.0 sem hrs
MVW 1215-2225 Applied Music Secondary, Saxophone

Lab Fees: $100.00

NUR - Nursing - Associate Degree Nursing

NUR1005 Transition into Professional Nursing, 3.0 sem hrs
This transition course focuses on the application of the nursing process with diverse clients across the life span. Emphasis is on health promotion, disease prevention, gerontologic considerations, and the maintenance and restoration of health in clients with common alterations. FA, SP

Pre-Reqs: MAC1105 AND MCB1010 AND MCB1010L AND ENC1101 AND BSC1085 AND ENC1102 AND BSC1085L AND PSY1012 AND BSC1086 AND BSC1086L

Conc-Reqs: NUR1005L

NUR1005L Transition into Professional Nursing Lab, 4.0 sem hrs
Supervised college laboratory and clinical sites provide the Transition student with a variety of learning opportunities and clinical experiences. FA, SP

Conc-Reqs: NUR1005

NUR1010 Foundations of Nursing Practice, 3.0 sem hrs
This introductory course focuses on the application of the nursing process with diverse clients across the lifespan with emphasis on health promotion, disease prevention, and gerontological considerations. FA, SP

Co-Reqs: NUR1020 OR NUR1005
Pre-Reqs: ENC1101 AND MAC1105 AND MCB1010 AND MCB1010L AND BSC1085L AND BSC1085

NUR1020 Nursing Process I, 3.0 sem hrs
This introductory course focuses on the application of the nursing process with diverse clients across the lifespan with emphasis on health promotion, disease prevention, and gerontological considerations. Focus is placed on the application of fundamental concepts and the beginning development of nursing competencies in the use of safe and effective caring interventions, nutritional influences, pharmacologic influences and communication strategies to meet the health care needs of clients using evidence based practice. FA, SP

Co-Reqs: NUR1010 AND BSC1086L AND PSY1012 AND BSC1086
Pre-Reqs: ENC1101 AND BSC1085L AND BSC1085 AND MAC1105 AND MCB1010 AND MCB1010L
Conc-Reqs: NUR1020L

NUR1020L Nursing Process I Lab, 4.0 sem hrs
Clinical and laboratory experiences designed to focus on the application of fundamental concepts and the beginning development of nursing competencies. Focus is placed on the application of fundamental concepts and the beginning development of nursing competencies in the use of safe and effective caring interventions, nutritional influences, pharmacologic influences and communication strategies to meet the health care needs of clients using evidence based practice. FA, SP

Co-Reqs: NUR1010 AND BSC1086 AND PSY1012 AND BSC1086L
Pre-Reqs: MCB1010L AND BSC1085 AND BSC1085L AND MAC1105 AND MCB1010 AND ENC1101
Conc-Reqs: NUR1020
Lab Fees: $144.00

NUR1230 Nursing Process III, 3.0 sem hrs
This course focuses on the application of the nursing process in providing and managing care across the lifespan to diverse clients with common alterations in health. Emphasis will be placed on the promotion, maintenance, and restoration of health. FA, SP

Co-Reqs: ENC1102 AND NUR1423L AND NUR1423
Pre-Reqs: NUR1010 AND NUR1020 AND NUR1020L
Conc-Reqs: NUR1230L

NUR1230L Nursing Process III Lab, 3.0 sem hrs
Clinical experiences will provide supervised learning experiences in college nursing laboratories and in a variety of health care facilities.FA, SP.

Conc-Reqs: NUR1230
Lab Fees: $118.00

NUR1423 Nursing Process II, 2.0 sem hrs
This course focuses on the application and implementation of the nursing process with the childbearing family. Emphasis will be placed on promotion, maintenance and restoration of health of the childbearing family. FA, SP

Co-Reqs: NUR1230L AND NUR1230 AND ENC1102
Pre-Reqs: NUR1010 AND NUR1020 OR NUR1005
Conc-Reqs: NUR1423L

NUR1423L Nursing Process II Lab, 2.0 sem hrs
This course focuses on the application and implementation of the nursing process with the childbearing family. This course includes the incorporation of cultural considerations of the childbearing family. Emphasis will be placed on promotion, maintenance and restoration of health of the childbearing family. FA, SP

Conc-Reqs: NUR1423

NUR2310 Nursing Process III: Child Health, 2.0 sem hrs
Application of the nursing process in various nursing roles focusing on child health. FA, SP, SU

Co-Reqs: SPC2600 OR SPC2608
Pre-Reqs: NUR1003 OR NUR1004 OR NUR1260
Conc-Reqs: NUR2310L

NUR2310L Nursing Process III: Child Health Lab, 2.0 sem hrs
Application of the nursing process in various nursing roles focusing on child health. SP, SU

Conc-Reqs: NUR2310
Lab Fees: $51.00

NUR2420 Nursing Process III: Maternal Health, 2.0 sem hrs
Application of the nursing process in various nursing roles focusing on maternal health. FA, SP, SU

Co-Reqs: SPC2608 OR SPC2600
Pre-Reqs: NUR1004 OR NUR1260 OR NUR1003
Conc-Reqs: NUR2420L

NUR2420L Nursing Process III: Maternal Health Lab, 2.0 sem hrs
Application of the nursing process in various nursing roles focusing on maternal health. FA, SP, SU

Conc-Reqs: NUR2420
Lab Fees: $51.00

NUR2520 Nursing Process IV: Psychiatric and Mental Health Nursing, 2.0 sem hrs
Application of the nursing process in various nursing roles focusing on mental health of all ages. FA, SP, SU

Pre-Reqs: NUR1003 OR NUR1201C OR NUR1204C OR NUR1210C OR NUR1260C OR NUR1003C OR NUR1260
Conc-Reqs: NUR2520L

NUR2520L Nursing Process IV: Psychiatric and Mental Health Nursing Lab, 2.0 sem hrs
Application of the nursing process in various nursing roles focusing on mental health of all ages. FA, SP, SU

Conc-Reqs: NUR2520
Lab Fees: $51.00

NUR2731 Nursing Process IV, 5.0 sem hrs
This course focuses on the application of the nursing process in providing and managing care across the lifespan to diverse clients with acute and complex alterations in health. FA, SP.

Co-Reqs: SPC2608
Pre-Reqs: NUR1230 OR NUR1005
Conc-Reqs: NUR2731L

NUR2731L Nursing Process IV Lab, 6.0 sem hrs
Clinical experiences will take place in a variety of health care settings.Emphasis is placed on demonstration of professional behaviors using critical thinking and collaboration within an interdisciplinary approach. FA, SP.

Conc-Reqs: NUR2731
Lab Fees: $138.00

NUR2744 Nursing Process V: Advanced Medical-Surgical Nursing, 5.0 sem hrs
Application of the nursing process in various nursing roles focusing on complex needs of the medical-surgical adult patients. FA, SP

Pre-Reqs: NUR2420C OR NUR2420 OR NUR2311C AND NUR2512C OR NUR2310 OR NUR2310C
Conc-Reqs: NUR2744L

NUR2744L Nursing Process V: Advanced Medical-Surgical Nursing Lab, 5.0 sem hrs
Application of the nursing process in various nursing roles focusing on complex needs of the medical-surgical adult patients. FA, SP

Conc-Reqs: NUR2744
Lab Fees: $133.00

NUR2905 Directed Study in Nursing, 1.0-4.0 sem hrs
Directed Study in Nursing FA, SP, SU

NUR2940 Nursing Process V, 6.0 sem hrs
This course focuses on the application of the nursing process with clients across the lifespan of diverse cultures with chronic and complex alterations in health. FA, SP

Pre-Reqs: NUR2731L AND NUR2731
Conc-Reqs: NUR2940L

NUR2940L Nursing Process V Lab, 5.0 sem hrs
Emphasis is placed on clinical competencies, management of care, clinical decision making, professional behaviors, and teaching and learning.Clinical experiences will provide supervised learning experiences a variety of health care facilities. FA, SP

Conc-Reqs: NUR2940
Lab Fees: $138.00

OCB - Marine Biology

OCB2000 Introduction to Marine Biology, 3.0 sem hrs
An introduction to the chemical, physical, and biological components of the marine environment. Emphasis is on the study of marine organisms and their ecological roles. Specific topics include Florida coastal and intracoastal systems and issues. Several one-day field trips are scheduled in addition to the weekly laboratory sessions. (Co-requisites ENC1101, MAT1033, OCB2000L.) FA, SP

Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023

Conc-Reqs: OCB2000L

OCB2000L Introduction to Marine Biology Lab, 1.0 sem hrs
Mandatory three hour laboratory component of OCB2000. Several one-day field trips are scheduled in addition to the weekly laboratory sessions. (Co-requisite: OCB2000) FA, SP

Conc-Reqs: OCB2000
Lab Fees: $35.00

OCE - Oceanography

OCE1001 Introduction to Oceanography, 3.0 sem hrs
An introduction to physical oceanography, including geology and hydrology of the world s ocean basins and oceanic effects on climatology. (Co-requisite ENC1101 and MAT1033.) FA, SP

Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107

OCE3014 Oceanography: Coastal Ocean Studies in Geomorphology and Biogeochemistry, 3.0 sem hrs
This is an introduction to coastal geomorphology, the study of landforms and the processes that produce and modify them. Emphasis is placed on the mechanics of geomorphic processes and on the relationships between biogeochemical properties of earth and ocean materials and the forces applied to them by gravity, wind, water, currents, waves and humans. SP

Pre-Reqs: MAT1033 AND OCE1001 AND GLY2010L AND GLY2010

ORI - Oral Interpretation

ORI2000 Fundamentals of Oral Interpretation, 3.0 sem hrs
This course will introduce students, both individually and in groups, to an imaginative and skillful oral rendering and analysis of dramatic literature and prose. FA, SP

OST - Office Systems

OST1100 Keyboarding and Formatting I, 3.0 sem hrs
Introduction to the touch system of keyboarding (computer-aided) with application (using Word software) of skills to problems including letters, tabulations and manuscripts. Student must register for lab. FA, SP, SU

Conc-Reqs: OST1100L

OST1100L Keyboarding and Formatting I Lab, 1.0 sem hrs
Introduction to the touch system of keyboarding (computer-aided) with application (using Word software) of skills to problems including letters, tabulations and manuscripts. Student must register for lab. FA, SP, SU

Conc-Reqs: OST1100
Lab Fees: $8.00

OST1110 Keyboarding and Formatting II, 3.0 sem hrs
Emphasis on timed production of various business forms and correspondence, speed and accuracy drills and an understanding of basic business functions. Students must register for lab. FA, SP, SU

Pre-Reqs: OST1100
Conc-Reqs: OST1110L

OST1110L Keyboarding and Formatting II Lab, 1.0 sem hrs
Emphasis on timed production of various business forms and correspondence, speed and accuracy drills and an understanding of basic business functions. Students must register for lab. FA, SP, SU

Conc-Reqs: OST1110
Lab Fees: $8.00

OST1141 Keyboarding, 1.0 sem hrs
Course emphasizes proper use of a keyboard. Designed for all students who are or will be using computer terminals. FA, SP, SU

Lab Fees: $8.00

OST1330 Business English, 3.0 sem hrs
Designed as a systematic review of English grammar, usage, mechanics, vocabulary development, and spelling as they are used in business. A special emphasis on business terminology, practices and written correspondence. FA, SP

Lab Fees: $8.00

OST1435 Legal Terminology, 3.0 sem hrs
An explanation of the common legal vocabulary involved in the broad, general principles of substantive and procedural law. FA, SP

Lab Fees: $8.00

OST1711 Word Processing I, 3.0 sem hrs
A study of word processing concepts, techniques and applications. Document preparation and formatting is emphasized. Hands-on experience using word processing software is included. FA, SP, SU

Pre-Reqs: OST1100 OR OST1141
Lab Fees: $8.00

OST1760 Word Processing II, 3.0 sem hrs
A study of information processing and hands-on experience using a word processor. Student must register for lab. FA

Conc-Reqs: OST1760L

OST1760L Word Processing II Lab, 1.0 sem hrs
A study of information processing and hands-on experience using a word processor. Student must register for lab. FA

Conc-Reqs: OST1760
Lab Fees: $8.00

OST2336 Business Communications, 3.0 sem hrs
Principles and techniques of correspondence, including specialized letter writing, research reports and oral presentations. FA, SP, SU

Pre-Reqs: ENC1101 OR ENC1200 OR OST1330

OST2401 Basic Office Procedures, 3.0 sem hrs
This course provides the basic elements of correct office training skill development and serves as the nucleus for legal and medical office procedure courses as well. Keyboarding skills are used in this course. Student must register for lab. FA,SP

Pre-Reqs: OST1100 OR OST1711
Conc-Reqs: OST2401L

OST2401L Basic Office Procedures Lab, 1.0 sem hrs
This course provides the basic elements of correct office training skill development and serves as the nucleus for legal and medical office procedure courses as well. Keyboarding skills are used in this course. Anyone without keyboarding experience should register for OST 1100/1100L or OST 1141 as a Corequisite. Student must register for lab. FA,SP

Conc-Reqs: OST2401
Lab Fees: $8.00

OST2431 Legal Keyboarding and Office Procedures, 3.0 sem hrs
A study of the legal secretarial role, professional relations, legal terminology and legal office procedures including preparation of legal documents using automated dictation equipment. Student must register for lab. FA, SP

Pre-Reqs: OST1100 OR OST1711
Conc-Reqs: OST2431L

OST2431L Legal Keyboarding and Office Procedures Lab, 1.0 sem hrs
A study of the legal secretarial role, professional relations, legal terminology and legal office procedures including preparation of legal documents using automated dictation equipment. Student must register for lab. FA, SP

Conc-Reqs: OST2431
Lab Fees: $8.00

OST2461 Medical Keyboarding and Office Procedures, 3.0 sem hrs
Study of advanced medical office procedures including professional office relations, administrative skills, preparation of medical documents and management of office operations. Student must register for lab. FA, SP

Pre-Reqs: OST1100 OR OST1711
Conc-Reqs: OST2461L

OST2461L Medical Keyboarding and Office Procedures Lab, 1.0 sem hrs
Study of advanced medical office procedures including professional office relations, administrative skills, preparation of medical documents and management of office operations. Student must register for lab. FA, SP

Conc-Reqs: OST2461
Lab Fees: $8.00

OST2501 Office Management, 3.0 sem hrs
Study of the organization and management of office personnel, electronic office equipment and the development of management skills. SP

OST2713 Advanced Computer Software Applications, 3.0 sem hrs
A study of advanced concepts, features and applications of personal computers, and advanced techniques in using word processing, electronic spreadsheets and database management software. Student must register for lab. SP

Pre-Reqs: CGS2100
Conc-Reqs: OST2713L

OST2713L Advanced Computer Software Applications Lab, 1.0 sem hrs
A study of advanced concepts, features and applications of personal computers, and advanced techniques in using word processing, electronic spreadsheets and database management software. Student must register for lab. SP

Conc-Reqs: OST2713
Lab Fees: $8.00

OST2905 Directed Study in Office Systems Management, 1.0-4.0 sem hrs
Directed Study in Office Systems FA, SP, SU

OST2949 Cooperative Education Experience in Office Systems Management, 1.0-4.0 sem hrs
Coooperative Education Training Assignment in Office Systems Management (Prerequisite: 12 semester hours of approved Office Systems courses and permission of Chairperson.) FA, SP, SU

OTH - Occupational Therapy

OTH1001 Introduction to Occupational Therapy, 3.0 sem hrs
Students are introduced to the field of occupational therapy; the history, philosophy, and underlying concepts of the profession; and exposed to various clinical settings and personnel. It also includes an introduction to basic medical terminology. FA

Lab Fees: $5.00

OTH1003 Human Occupation Across the Lifespan, 3.0 sem hrs
This course provides a study of occupation (activities that have meaning and purpose in a person s life) across the lifespan. Topics include occupational development, roles and performance; meaning and identity; the person-environment-occupation model, client-centered treatment and health and wellness. FA

Lab Fees: $5.00

OTH1006 Occupational Therapy Documentation, 2.0 sem hrs
This course provides the student with the history, components, current trends and mechanics of documentation for occupational therapy services. Documentation as related to reimbursement is emphasized. SP

OTH1014 Analysis of Human Movement, 2.0 sem hrs
This course introduces the phenomenon of human motion and function within the context of occupational performance. Topics include: introduction to movement, survey of skeletal system, articular system, muscular system, and nervous system. Normal movement and posture are also examined. Impact of body structure and function upon client s occupational status and motor performance is integrated via discussion and application projects. SP

Pre-Reqs: BSC1085
Conc-Reqs: OTH1014L

OTH1014L Analysis of Human Movement Lab, 1.0 sem hrs
This course introduces the phenomenon of human motion and function within the context of occupational performance. Topics include:

introduction to movement, survey of skeletal system, articular system, muscular system, and nervous system. Normal movement and posture are also examined. Impact of body structure and function upon client s occupational status and motor performance is integrated via discussion and application projects. SP

Conc-Reqs: OTH1014

OTH1114 Occupational Therapy Skills and Techniques I, 1.0 sem hrs
This course focuses on developing basic competencies in occupational therapy treatment techniques and methodologies. Content includes: application of occupational therapy practice framework in areas relating to performance skills, patterns, and contexts; skill building in areas of patient care, safety, and basic mobility; communication/interaction dynamics; cultural diversity; computer literacy and resource development; and basic occupational analysis. FA

Co-Reqs: OTH1001
Conc-Reqs: OTH1114L

OTH1114L Occupational Therapy Skills and Techniques I Lab, 1.0 sem hrs
This course focuses on developing basic competencies in occupational therapy treatment techniques and methodologies. Content includes: application of occupational therapy practice framework in areas relating to performance skills, patterns, and contexts; skill building in areas of patient care, safety, and basic mobility; communication/interaction dynamics; cultural diversity; computer literacy and resource development; and basic occupational analysis. FA

Conc-Reqs: OTH1114
Lab Fees: $5.00

OTH1800 Occupational Therapy Practicum I, 1.0 sem hrs
Level I field placements provide opportunities for students to apply basic occupational therapy principles and techniques. The placements are integrated in didactic courses to provide hands-on learning and participation under the direction of placement supervisors. SP

Pre-Reqs: OTH1001
Lab Fees: $15.00

OTH1802 Occupational Therapy Practicum II, 2.0 sem hrs
Students will perfect methods and techniques expected of entry-level Certified Occupational Therapy Assistants (COTA s) while participating in observation, evaluation, treatment planning and treatment delivery under the direction of their supervisors. FA

Pre-Reqs: OTH1800
Lab Fees: $3.00

OTH2261 Occupational Therapy Skills and Techniques II, 1.0 sem hrs
This course provides instruction enabling the OTA student to further develop skills in areas of therapeutic mobility, activity analysis, and dealing with individuals, groups and populations in the context of health care restoration, prevention and promotion. Specific topics include: wheelchair transfers; basic exercises; ADL training and equipment provision; life skills training, occupational analysis, art and craft media; basic treatment strategies; service delivery models, and skill development in basic research methods. SP

Co-Reqs: OTH1014 AND OTH2300
Pre-Reqs: OTH1114
Conc-Reqs: OTH2261L

OTH2261L Occupational Therapy Skills and Techniques II Lab, 1.0 sem hrs
This course provides instruction enabling the OTA student to further develop skills in areas of therapeutic mobility, activity analysis, and dealing with individuals, groups and populations in the context of health care restoration, prevention and promotion. Specific topics include: wheelchair transfers; basic exercises; ADL training and equipment provision; life skills training, occupational analysis, art and craft media; basic treatment strategies; service delivery models, and skill development in basic research methods. SP

Conc-Reqs: OTH2261
Lab Fees: $15.00

OTH2264 Occupational Therapy Skills and Techniques III, 2.0 sem hrs
This course provides information, demonstrations, and lab activities that address advanced occupational therapy treatment methods that promote occupational performance and quality of life. Topics include: sensorimotor treatment models, applications of therapeutic adaptation, family training, community programming, basic orthotics and prosthetics, assistive technologies, physical agent modalities, accessibility issues, intervention planning, and healthy lifestyles. FA

Co-Reqs: OTH2420 AND OTH2520 AND OTH2420L AND OTH2520L
Pre-Reqs: OTH2261
Conc-Reqs: OTH2264L

OTH2264L Occupational Therapy Skills and Techniques III Lab, 1.0 sem hrs
This course provides information, demonstrations, and lab activities that address advanced occupational therapy treatment methods that promote occupational performance and quality of life. Topics include: sensorimotor treatment models, applications of therapeutic

adaptation, family training, community programming, basic orthotics and prosthetics, assistive technologies, physical agent modalities, accessibility issues, intervention planning, and healthy lifestyles. FA

Conc-Reqs: OTH2264
Lab Fees: $20.00

OTH2300 Psychosocial Occupational Therapy, 4.0 sem hrs
Provides an overview of psychopathology as well as understanding of occupational therapy evaluations, treatment planning, intervention strategies and documentation used in psychosocial dysfunctions. Labs provide opportunities to observe and practice specific techniques. SP

Pre-Reqs: OTH1001
Lab Fees: $5.00

OTH2410 Conditions in Occupational Therapy, 3.0 sem hrs
This course will familiarize the student with the etiology, diagnosis, detection, medical management and prognosis of selected disease processes and traumatic injuries. Exploration of how these conditions affect the occupational performance of an individual, family, or community will be examined. This course will also enable the student to develop research and oral presentation skills via a research assignment. FA

Pre-Reqs: OTH1001 AND BSC1085

OTH2420 Occupational Therapy for Physical Dysfunction, 3.0 sem hrs
Provides the student with an understanding of evaluations, treatment planning, intervention strategies and documentation used in physical disabilities. Labs and occupational therapy settings provide opportunities to observe and practice specific techniques. FA

Pre-Reqs: OTH2410 AND OTH1014C
Conc-Reqs: OTH2420L
Lab Fees: $10.00

OTH2520 Developmental Issues, 2.0 sem hrs
This course introduces students to the role of occupational therapy in a pediatric setting. It includes the normal development processes specific to pediatric-related disorders and how they impact development, treatment approaches and interventions; and legal, ethical, and family issues related to children with special needs, ages 0 - 21 years. FA

Pre-Reqs: OTH2410

OTH2520L Developmental Issue Lab, 1.0 sem hrs
This course introduces students to the role of occupational therapy in a pediatric setting. It includes the normal development processes specific to pediatric-related disorders and how they impact development, treatment approaches and interventions; and legal, ethical, and family issues related to children with special needs, ages 0 - 21 years. FA

Conc-Reqs: OTH2520
Lab Fees: $10.00

OTH2840 O.T. Supervised Clinical Practice I, 5.0 sem hrs
Requires full-time field work for eight weeks in an O.T. treatment program. The student gains clinical experience working with patients under the supervision of an OTR/L. The student adheres to all the policies and regulations of the clinic. SP

Co-Reqs: OTH2933
Pre-Reqs: OTH1802
Lab Fees: $4.00

OTH2841 O.T. Supervised Clinical Practice, 5.0 sem hrs
Requires full-time field work for eight weeks in an O.T. treatment program with a diagnostic group other than that chosen for OTH 2840. . SP

Co-Reqs: OTH2933
Pre-Reqs: OTH2840
Lab Fees: $4.00

OTH2933 O.T. Seminar for Clinical Practice, 1.0 sem hrs
This course presents the student with a variety of issues such as the transition from student to practitioner, relationships between OTA's and other healthcare professionals, ethics review, licensing requirements, resource and management skills, job search strategies and preparation for the National Certification Exam. SP

Co-Reqs: OTH2840 AND OTH2841
Lab Fees: $45.00

Course Descriptions - P

PAD - Public Administration

PAD2002 Introduction to Public Service Principles, 6.0 sem hrs
Course focuses on broad skills and knowledge transferable to fire, emergency medical services, law enforcement and related public service professions. Covers the duties of personnel, sample job tasks and employment qualifications. SP

Lab Fees: $30.00

PCB - Biological Science

PCB2510 Human Genetics, 3.0 sem hrs
This course is for students who wish to become professionals in genetic counseling, medicine, biomedical engineering, teaching and biotechnology. Classical and molecular genetics including human genetic disorders will be covered. SP

Pre-Reqs: BSC1010C OR MCB1010C OR BSC1010 OR MCB1010
Conc-Reqs: PCB2510L

PCB2510L Human Genetics Lab, 1.0 sem hrs
This course is for students who wish to become professionals in genetic counseling, medicine, biomedical engineering, teaching and biotechnology. Classical and molecular genetics including human genetic disorders will be covered. SP

Pre-Reqs: BSC1010C OR MCB1010C OR BSC1010 OR MCB1010
Conc-Reqs: PCB2510
Lab Fees: $65.00

PCB3034 General Ecology, 3.0 sem hrs
Principles of ecology with emphasis on Florida ecosystems. three hour lecture and 3 hours lab. FA

Pre-Reqs: BSC1011

PCB3060 Introduction to Genetics, 3.0 sem hrs
This course covers fundamental principals of heredity from Mendel to the present and molecular genetics of prokaryotic and eukaryotic organisms. FA

Pre-Reqs: BSC1011L AND BSC1011 AND CHM1046 AND MAC1105 AND CHM1046L

PCB3203 Cell Physiology/Development, 3.0 sem hrs
Physiology of cell specialization. Emphasis on comparative ultra structure, function and regulation of differentiated cell types. SP

Pre-Reqs: BSC1010 AND BSC1010L

PCO - Psychology

PCO2202 Counseling Techniques, 3.0 sem hrs
Emphasis on the counseling helping process and on counseling and communication skills including accurate observation, therapeutic communication, intrapersonal and interpersonal awareness, conflict and goal setting. Personal and professional boundaries are explored as knowledge and skill-based learning. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

PET - Health and Wellness

PET2084 Personal Health and Wellness, 3.0 sem hrs
The components of fitness are blended with the presentation and understanding of information relating to nutrition, resistance training, common illnesses, sexually transmitted diseases, stress management, health care, substance abuse and managing personal lifestyles. FA, SP, SU

PET2621 Principles of Athletic Training, 3.0 sem hrs
An introductory course to the field of athletic training. Includes information regarding career information, legal issues, conditioning, equipment emergency procedures, injury recognition, rehabilitation and pharmacology. FA

Lab Fees: $15.00

PET2622 Care and Prevention of Athletic Injuries, 3.0 sem hrs
A continuation of Principles of Athletic Training. Emphasis is on functional anatomy and the recognition, treatment and rehabilitation of specific injuries, illness and disorders that are commonly seen in the physically active population. SP

PET2905 Directed Study in Physical Education, 1.0-4.0 sem hrs
Directed Study in Physical Education FA, SP, SU

PET2949 Cooperative Education Experience in Physical Education, 1.0-4.0 sem hrs
Cooperative Education Experience in Physical Education FA, SP, SU

PGY - Photography

PGY1100 Photography I, 3.0 sem hrs
The basics of camera handling and the guidelines to better composition, including an introduction to the black and white darkroom. FA, SP, SU

Lab Fees: $35.00

PGY1115 Color Materials and Processes, 7.0 sem hrs
An introduction to color photography, including color negative, transparency, and digital color processes. Explores the technical, conceptual and production relationships in color photography. SU

Pre-Reqs: PGY1403 AND PGY1800
Lab Fees: $95.00

PGY1201 Introduction to Studio and Location Photography, 4.0 sem hrs
The students will explore advanced studio and location photography using a variety of camera, lighting, and image processing techniques. FA, SP

Co-Reqs: PGY1806
Pre-Reqs: PGY1800 AND PGY1403
Lab Fees: $85.00

PGY1403 Fundamentals of Photography, 4.0 sem hrs
This course introduces the basic aesthetic and theoretical aspects of photographic communication including the historical and critical context for looking at and creating photographs. FA, SP

Co-Reqs: PGY1800
Lab Fees: $85.00

PGY1800 Photography and the Digital Image, 4.0 sem hrs
An orientation to basic digital photography, including digital cameras, scanning, and printing. FA, SP

Co-Reqs: PGY1403
Lab Fees: $85.00

PGY1806 Digital Imaging, 4.0 sem hrs
This course covers digital photographic systems and aesthetics with a focus on production techniques and creative expression. FA, SP

Co-Reqs: PGY1201
Pre-Reqs: PGY1800 AND PGY1403
Lab Fees: $85.00

PGY2000 History and Aesthetics Photography, 3.0 sem hrs
This course traces the development of the photographic processes, cites the major contributions to the development of the art and examines contemporary aesthetic thought and practice. FA, SP

Co-Reqs: ENC1101
Lab Fees: $5.00

PGY2107 Large Format Photography, 4.0 sem hrs
Concepts, techniques and applications for large-format cameras, including technical movements, perspective, composition and viewpoint. Architectural and advertising imaging is introduced. FA, SP

Co-Reqs: PGY2650 AND PGY2215
Pre-Reqs: PGY2216
Lab Fees: $85.00

PGY2215 Professional Studio Portraiture, 4.0 sem hrs
Development of lighting skills and practice in the production of studio portraits. FA, SP

Co-Reqs: PGY2650
Pre-Reqs: PGY1806 AND PGY1201
Lab Fees: $85.00

PGY2216 Location Photography, 4.0 sem hrs
Development of location lighting skills in editorial, illustrative and interpretive portraits. FA, SP

Co-Reqs: PGY2107
Pre-Reqs: PGY2650 AND PGY2215
Lab Fees: $85.00

PGY2300 Field Survey of Professional Photography, 3.0 sem hrs
An introduction to the field of professional photography, including but not limited to photojournalism, editorial, advertising, portrait and wedding, corporate/industrial, public relations, and fine art photography. SU

Lab Fees: $30.00

PGY2321 Professional Photographic Business Practices, 3.0 sem hrs
Introduces the professional practices required to successfully run a photographic business. Provides a detailed industry overview through guest lectures, field trips and professional seminars. Topics include business types and structures, legal and financial issues, promotion and marketing, billing, pricing and copyright. Offered in cooperation with the American Society of Media Photographers. FA, SP

PGY2470 Advanced Photo Workshop, 1.0-4.0 sem hrs
Topics for this course are selected from a range of advanced applied and technical areas and are designed to develop a specific set of professional skills. Student work will represent an independent and professionally challenging contribution to the discipline. Course may be offered as a Field Studies travel class. FA, SP, SU

Pre-Reqs: PGY2215 AND PGY2216
Lab Fees: $85.00

PGY2650 Editorial Photography, 4.0 sem hrs
Intensive development of skills and concepts in the production of photographs for editorial and illustrative contexts. Designed to emulate professional world conditions. Course emphasizes problem solving techniques, the working process and the refinement of photographic style. FA, SP

Co-Reqs: PGY2215
Pre-Reqs: PGY1806 AND PGY1201
Lab Fees: $85.00

PGY2801 Digital Photography, 3.0 sem hrs
This course introduces fundamental photographic skills through technologies. Emphasis is placed on the tools, techniques and aesthetics of a range of digital photographic applications pertaining to graphic design and interactive media.

Lab Fees: $35.00

PGY2905 Directed Study In Photography, 1.0-7.0 sem hrs
Advanced study in any of the following areas: fine art, portrait, commercial and journalistic photography. (Prerequisite: Permission of department chair.) FA, SP, SU

Co-Reqs: PGY1127

PGY2935 Portfolio Workshop, 1.0-4.0 sem hrs
Examines professional issues relevant to current photographic practice through the presentation of theoretical and production projects. Includes a review of visual communications concepts and critical theory. Emphasis will be placed on developing the format, content and sequencing of a portfolio appropriate to a particular industry segment. FA, SP, SU

Pre-Reqs: PGY2215 AND PGY2216
Lab Fees: $85.00

PGY2949 Cooperative Education Experience in Photography, 1.0-4.0 sem hrs
The course requires the student to research and make arrangements for a 15-25 hour cooperative work experience in the field of professional photography. (Prerequisite: Permission of department chair.) FA, SP, SU

PHI - Philosophy

PHI1100 Practical Logic, 3.0 sem hrs
An examination of rules for validity appropriate to inferences; application of syllogisms and involved arguments utilizing everyday experiences; analysis of the thinking process; and the evaluation of arguments. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

PHI2001 Introduction of Philosophy I, 3.0 sem hrs
This course presents an introduction to an overview of the major areas of philosophy. It introduces the student to the methods of philosophy, some of the major questions addressed by philosophy and to a selection of the philosophies and philosophers found throughout

the world from the ancient ages to the present. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Pre-Reqs: ENC1101

PHI2002 Introduction of Philosophy II, 3.0 sem hrs
This course presents an in-depth focus upon a specific area of philosophy. Through a variety of selected readings the student will be introduced to some of the major philosophies and philosophers in the area focused upon. Specific focus may vary from one semester to the next. (Prerequisites: Appropriate placement scores or successful completion of college prep courses and ENC 1101 and PHI 2001 or permission of chairperson.) FA, SP

Pre-Reqs: ENC1101 AND PHI2001

PHI2600 Introduction to Ethics, 3.0 sem hrs
An introduction to the key concepts and principles of ethics as a basis for the study of values, ethical decisions, right actions and justice. It covers the philosophical roots, as well as modern applications of ethics based upon the ideas and influence of many diverse philosophers, both classical and modern, Eastern and Western, female and male. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP

Pre-Reqs: ENC1101

PHI2905 Directed Study in Philosophy and Logic, 1.0-3.0 sem hrs
Directed Study in Philosophy and Logic (Prerequisite : Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

PHT - Physical Therapist

PHT1006 Introduction to Physical Therapy, 3.0 sem hrs
Introduces the student to the history and philosophy of physical therapy; the national organization; legal and ethical responsibilities as a PTA also includes SOAP Note writing. Emphasis will be placed on the team building concept. (Prerequisite: Admission to the Physical Therapist Assistant program.) FA

PHT1128 Kinesiology of PTA, 4.0 sem hrs
This course covers the relationships between the systems that relate to the functional movement of the human body. This course will also cover all functional body movements such as mechanisms, planes and other relationships to body movement. SP

Pre-Reqs: BSC1085C

PHT1251 Patient Care Skills, 2.0 sem hrs
This course begins the implementation of treatment techniques in patient positioning, passive exercises, vital signs, massage, transfers, functional mobility, gait training with assistive devices and infection control. SP

Conc-Reqs: PHT1251L

PHT1251L Patient Care Skills Lab, 2.0 sem hrs
This laboratory course begins the implementation of treatment techniques in patient positioning, passive exercises, vital signs, massage, transfers, functional mobility, gait training with assistive devices, lifting precautions and infection control. SP

Conc-Reqs: PHT1251

PHT1300 Pathology for PTA, 4.0 sem hrs
This course will cover all body systems with an emphasis on the orthopedics, neuromuscular, and cardiopulmonary diseases commonly treated in the physical therapy department. This course will emphasize the recognition of acute physiological changes in the patient and how to report to these situations to the physical therapist. FA

Pre-Reqs: PHT1128 AND PHT2129 AND BSC1086L AND BSC1086

PHT2129 Kinesiology for PTA II, 2.0 sem hrs
This course is a continuation of PHT 1128 - Kinesiology for PTA I - emphasizing the neuromuscular system and how it relates to functional movement of the human body. Other systems - cardiopulmonary, integumentary - will be addressed for their impact on functional movement of the human body. SU

Pre-Reqs: PHT1128

PHT2130 Neurological Diagnoses for PTA, 5.0 sem hrs
This course provides instruction in common neurological problems treated by the PTA. Emphasis will be placed on the client with a stroke. Diagnoses will include pediatric, adult and geriatric problems along with psychosocial issues. Clinical decision making skills will be included. FA

Pre-Reqs: PHT1300

PHT2140 Rehabilitation Skills for PTA, 3.0 sem hrs
This course provides instruction in common neurological problems treated by the PTA. Emphasis will be placed on the client with closed head injury, degenerative neurological diagnoses and pediatric disorders to include their orthotic and wheelchair needs. The effects of aging will be discussed as related to physical therapy treatments. Clinical decision making skills will be included. SP

Pre-Reqs: PHT1300
Conc-Reqs: PHT2140L

PHT2140L Rehabilitation Skills Lab, 1.0 sem hrs
This course provides clinical lab skills for treating common neurological problems. Emphasis will be placed on skills and treatments to be used with clients with closed head injury, degenerative neurological diagnoses and pediatric disorders to include their orthotic and wheelchair needs. Clinical decision making skills will be included. SP

Pre-Reqs: PHT1300
Conc-Reqs: PHT2140

PHT2211 Modalities I, 2.0 sem hrs
This course includes the indications and contraindications for therapeutic modalities of superficial heat and cold, hydrotherapy, ultrasound; wound care and postural drainage as seen in the physical therapy department. SU

Pre-Reqs: PHT1006 AND PHT1251
Conc-Reqs: PHT2211L

PHT2211L Modalities I Lab, 1.0 sem hrs
Laboratory application of therapeutic modalities for superficial heat and cold, hydrotherapy, ultrasound; wound care and postural drainage as seen in the physical therapy department. SU

Pre-Reqs: PHT1006 AND PHT1251
Conc-Reqs: PHT2211
Lab Fees: $16.00

PHT2220 Therapeutic Exercise I, 3.0 sem hrs
This course provides instruction for therapeutic exercise techniques with the rationale for treating musculoskeletal and neurological impairments to include goniometric measurements as seen in the PT Department. SP

Pre-Reqs: PHT1251 AND PHT1006
Conc-Reqs: PHT2220L

PHT2220L Therapeutic Exercise I Lab, 2.0 sem hrs
Laboratory application of therapeutic exercise techniques with the rationale for treating musculoskeletal and neurological impairments to include goniometric measurements as seen in the PT Department. SP

Co-Reqs: PHT2220
Pre-Reqs: PHT1006 AND PHT1251
Conc-Reqs: PHT2220
Lab Fees: $10.00

PHT2221 Therapeutic Exercise II, 4.0 sem hrs
This course will include the therapeutic exercises for orthopedic problems, balance and coordination problems, cardiovascular clients to include the indications, precautions and contraindication; along with application of Manual Muscle Testing. SU

Pre-Reqs: PHT2220L AND PHT2220
Conc-Reqs: PHT2221L

PHT2221L Therapeutic Exercise II Lab, 2.0 sem hrs
This lab course will include the application of therapeutic exercises for orthopedic problems, balance and coordination problems, cardiovascular clients to include the indications, precautions and contraindication; along with application of Manual Muscle Testing. SU

Pre-Reqs: PHT2220 AND PHT2220L
Conc-Reqs: PHT2221
Lab Fees: $15.00

PHT2235 Therapeutic Exercise III, 4.0 sem hrs
This course will include the application of therapeutic exercises for clients with vascular problems, amputations, and stroke along with gait training and analysis for these clients. FA

Pre-Reqs: PHT2221
Conc-Reqs: PHT2235L

PHT2235L Therapeutic Exercise III Lab, 2.0 sem hrs
This course will include the application of therapeutic exercises for clients with vascular problems, amputations, and stroke along with gait training and analysis for these clients. FA

Pre-Reqs: PHT2221L
Conc-Reqs: PHT2235

PHT2804 PTA Clinical Practicum I, 2.0 sem hrs
This level I clinical experience provides supervised planned learning opportunities for students to apply basic physical therapy principles and techniques under the direction of physical therapists or physical therapists assistants. FA

Pre-Reqs: PHT2211L

PHT2810 PTA Clinical Practicum II, 2.0 sem hrs
This course integrates the practical application of those theories, concepts and manual skills introduced into the classroom and laboratory into a practice setting under the supervision of a physical therapist or physical therapist assistant. SP

Pre-Reqs: PHT2804

PHT2820 PTA Clinical Practicum III, 3.0 sem hrs
Course is a supervised learning experience in a selected physical therapy setting in which the previously learned didactic information is integrated under the supervision of physical therapist or physical therapist assistant. SP

PHT2931 PTA Seminar, 3.0 sem hrs
The purpose of this course is to acquaint the physical therapist assistant student with the professional, legal and ethical considerations which are inherent to performance on the job. Membership in professional organizations, licensure, code of ethics and standards of professional practice will be discussed. Other areas such as community involvement, basic pharmacology, ADA legislation and documentation will be addressed. SP

Lab Fees: $72.00

PHY - Physics

PHY1053 General Physics I, 3.0 sem hrs
Vectors, systems of measurement, laws of motion, energy, heat, mechanical and thermal properties of matter. (Pre-requisite: MAC1114 or MTB1348, Co-requisite: ENC1101, PHY1053L.) FA, SP

Co-Reqs: ENC1101
Pre-Reqs: MAC1114 OR MTB1348
Conc-Reqs: PHY1053L

PHY1053L General Physics I Lab, 1.0 sem hrs
Mandatory three hour laboratory portion of PHY1053. (Co-requisite PHY1053) Lab Fee $20.00. FA, SP

Co-Reqs: ENC1101
Conc-Reqs: PHY1053
Lab Fees: $20.00

PHY1054 General Physics II, 3.0 sem hrs
Sound, wave motion, electrostatics, magnetism and physical and geometrical optics. (Pre-requisite: PHY1053/1053L, Co-requisite: PHY1054L) SP, SU

Pre-Reqs: PHY1053C OR PHY1053
Conc-Reqs: PHY1054L

PHY1054L General Physics II Lab, 1.0 sem hrs
Mandatory three hour laboratory portion of PHY1054. (Co-requisite: PHY1054L) Lab Fee $20.00 SP, SU

Pre-Reqs: PHY1053C OR PHY1053
Conc-Reqs: PHY1054
Lab Fees: $20.00

PHY2048 Physics with Calculus I, 4.0 sem hrs
Kinematics of motion in one, two and three dimensions, vectors, dynamics, Newton s laws of motion, gravitation, work, power and energy; and systems of particles, wave motion and sound, heat and thermodynamics. (Pre or Co-requisites ENC1101, MAC2311/2311L , Co-requisite: PHY2048L) FA, SP

Co-Reqs: ENC1101 AND MAC1105 OR MAP2302 OR MAC1114 OR MAC2312 OR MGF2107 OR STA2023 OR MAC1140 OR MAC2311 OR MAT1033 OR MAC2233 OR MGF2106
Conc-Reqs: PHY2048L

PHY2048L Physics with Calculus I Lab, 1.0 sem hrs
Mandatory three hour laboratory portion of PHY 1048. (Co-requisite: PHY1048) Lab Fee $35.00 FA, SP

Conc-Reqs: PHY2048
Lab Fees: $35.00

PHY2049 Physics with Calculus II, 4.0 sem hrs
Electrostatics, current electricity, DC circuits, AC circuit s and resonance, magnetism, electromagnetic radiation, geometric optics and physical optics. Introduction to special relativity and quantum effects. (Pre-requisite PHY1048/2048L) SP, SU

Co-Reqs: MAC2312 AND MAC2312L
Pre-Reqs: PHY2048 OR PHY2048C
Conc-Reqs: PHY2049L

PHY2049L Physics with Calculus II Lab, 1.0 sem hrs
Mandatory three hour laboratory portion of PHY 2049. (Co-requisite PHY 2049) Lab Fee $35.00 SP, SU

Co-Reqs: MAC2312 AND MAC2312L
Pre-Reqs: PHY2048C OR PHY2048
Conc-Reqs: PHY2049
Lab Fees: $35.00

PHY2905 Directed Study in Physics, 1.0-4.0 sem hrs
(Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

PHY2949 Cooperative Education Experience in Physics, 1.0-4.0 sem hrs
Cooperative Education Experience in Physics. FA, SP, SU

PHY3101 Modern Physics, 3.0 sem hrs
An introductory modern physics course designed primarily for students majoring in the sciences, engineering or mathematics. Topics include the special theory of relativity, wave properties of matter, the Schrodinger wave equation, atomic structure, molecular bonding, the electrical and magnetic properties of solids, semiconductors, the atomic nucleus and nuclear interactions. Prerequisite: PHY2049/2049L and MAC2312/2312L. (Co-requisite MAC2313/2313L.) FA

Co-Reqs: MAC2313 AND MAC2313L
Pre-Reqs: MAC2312 AND PHY2049C OR PHY2049

PHY3221 Classical Mechanics, 3.0 sem hrs
Topics covered include one-dimensional motion, three-dimensional motion, Newton's laws of motion, energy and momentum conservation, circular and rotational motion, statics, planetary motion, oscillations, and wave motion.SP

Pre-Reqs: PHY2049 AND PHY2049L AND PHY2101

PHY3513 Thermal Physics (Thermodynamics and Elementary Statistical Mechanics), 3.0 sem hrs
The objective of this course is to develop a working knowledge of the laws and methods of thermodynamics and elementary statistical mechanics and to use this knowledge to explore various applications. Many of these applications will relate to topics in materials science and the physics of condensed matter. FA

Pre-Reqs: PHY2049 AND PHY2049L AND MAC2312L AND MAC2312

PHY4424 Geometrical and Physical Optics, 3.0 sem hrs
This course is intended to increase a student's knowledge of physics via further development of geometrical optics, and then by the introduction of new topics. These new topics will include aberration theory, optical instrumentation, wave optics, interference of light, interferometry, optical coherence, the interaction of light and matter, holography, and nonlinear optics. SP

Pre-Reqs: PHY2049 AND PHY2049L AND MAC2312L AND MAC2312

PLA - Paralegal (Legal Assisting)

PLA1003 Introduction to Paralegal, 3.0 sem hrs
Provides general overview of laws affecting legal practice and working knowledge of theory and concepts to enable students to perform supporting legal tasks for an attorney. FA, SP

Lab Fees: $8.00

PLA1103 Legal Writing and Research I, 3.0 sem hrs
Study of legal researching methods, writing techniques, and use of the law library in preparing memoranda, legal argument, format, and legal citations. FA, SP

Co-Reqs: ENC1101 AND BUL2241

Lab Fees: $10.00

PLA1610 Real Estate Law and Property, 3.0 sem hrs
A study of real estate transactions and conveyances such as deeds, contracts, leases, easements and closing documents and the drafting of these conveyances. FA

Lab Fees: $8.00

PLA1800 Law of Domestic Relations, 3.0 sem hrs
A study of the fundamental principles and laws involving marriage, dissolution, separation agreements, custody, adoption, support provisions and property disposition. SP

Lab Fees: $5.00

PLA2114 Legal Writing and Research II, 3.0 sem hrs
A study of the various legal writing techniques used to present the results of legal research. Emphasis on legal argument and development of legal instruments and documents. FA, SP

Pre-Reqs: ENC1101 AND PLA1103
Lab Fees: $10.00

PLA2200 Introduction to Litigation, Torts and Evidence, 3.0 sem hrs
A study of the court system and the litigation process, including preliminary interviews with clients, investigation and marshalling of facts, drafting of all pleadings and motion practice. FA

Pre-Reqs: ENC1101 AND BUL2241

PLA2303 Criminal Law and the Paralegal, 3.0 sem hrs
A study of the origin, structure and definition of criminal law, including criminal prosecution, investigation, pre-trial and trial procedures, and the criminal court system. FA

PLA2460 Bankruptcy Law, 3.0 sem hrs
The purpose of this course is to introduce students to the historical, political, economic and legal principles of bankruptcy law. FA

Lab Fees: $5.00

PLA2600 Probate Administration, 3.0 sem hrs
A study of wills, trusts and estate administration. Includes analysis of the substantive law, drafting of related documents and researching of the legal issues. SP

Pre-Reqs: PLA1003 AND BUL2241
Lab Fees: $5.00

PLA2763 Law Office and Management, 3.0 sem hrs
This course is designed to familiarize the student with the practical inner workings of a law office, including its equipment, office procedures and management. SP

PLA2880 Constitutional Law, 3.0 sem hrs
The course is developed both topically and historically to approach the judicial review process, the doctrine of implied powers, the three branches of power, substantive due process along with equal protection, civil rights, free speech and religion. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. SP, SU

Co-Reqs: ENC1101

PLA2905 Directed Study in Legal Assisting, 1.0-4.0 sem hrs
Directed Study in Legal Assisting FA, SP, SU

PLA2949 Cooperative Education Experience in Legal Assisting, 1.0-4.0 sem hrs
Cooperative Education Training Assignment in Legal Assisting (Prerequisite: 12 semester hours of approved Paralegal Studies courses and permission of Chairperson.) FA, SP, SU

PMT - Precision Metals (Manufacturing and Welding Technology)

PMT0101 Welding and Mechanical Blueprint Reading, 1.0 voc hrs
This course provides students with the understanding and fundamentals of Industrial Blueprint Reading including blueprint symbols, dimensions, joints, fabrication and welding symbols. FA, SP

Conc-Reqs: PMT0101L

PMT0101L Welding and Mechanical Blueprint Reading Lab, 1.0 voc hrs
This course provides students with the understanding and fundamentals of Industrial Blueprint Reading including blueprint symbols, dimensions, joints, fabrication and welding symbols. FA, SP

Conc-Reqs: PMT0101
Lab Fees: $15.00

PMT0102 Welding I, 1.0 voc hrs
This course introduces the students to the skill of welding by giving the students a basic understanding of the various types of welding (MIG, TIG and Oxy-Acetylene). Students will have an opportunity to learn welding theory in the classroom and receive "hands-on" instruction in the welding lab. FA, SP

Conc-Reqs: PMT0102L

PMT0102L Welding I Lab, 3.0 voc hrs
This course introduces the students to the skill of welding by giving the students a basic understanding of the various types of welding (MIG, TIG and Oxy-Acetylene). Students will have an opportunity to learn welding theory in the classroom and receive "hands-on" instruction in the welding lab. FA, SP

Conc-Reqs: PMT0102
Lab Fees: $40.00

PMT0121 Shield Metal Arc Welding (SMAW), 1.0 voc hrs
This course provides the student with knowledge and skills in Shielded Metal Arc Welding. Inclusive of this is welding terminology and safety, as well as equipment set-up operations and proper welding techniques. FA, SP

Pre-Reqs: PMT0102
Conc-Reqs: PMT0121L

PMT0121L Shield Metal Arc Welding (SMAW) Lab, 3.0 voc hrs
This course provides the student with knowledge and skills in Shielded Metal Arc Welding. Inclusive of this is welding terminology and safety, as well as equipment set-up operations and proper welding techniques. FA, SP

Conc-Reqs: PMT0121
Lab Fees: $40.00

PMT0124 Welding II, 1.0 voc hrs
This course advances the skill level of the students that already have a basic understanding of welding technology. Students receive instruction in advanced welding theory and become more skilled at the various types of welding which is practiced in a laboratory setting. FA, SP

Pre-Reqs: PMT0102
Conc-Reqs: PMT0124L

PMT0124L Welding II Lab, 3.0 voc hrs
This course advances the skill level of the students that already have a basic understanding of welding technology. Students receive instruction in advanced welding theory and become more skilled at the various types of welding which is practiced in a laboratory setting. FA, SP

Conc-Reqs: PMT0124
Lab Fees: $40.00

PMT0131 Gas Tungsten Arc Welding (GTAW or TIG), 1.0 voc hrs
This course is designed to provide students with the knowledge and skills to safely operate a Gas Tungsten Arc Welder (TIG). Students will learn to TIG weld both ferrous and non-ferrous metals, and perform appropriate types of welds on those metals. FA, SP

Pre-Reqs: PMT0102
Conc-Reqs: PMT0131L

PMT0131L Gas Tungsten Arc Welding (GTAW or TIG) Lab, 3.0 voc hrs
This course is designed to provide students with the knowledge and skills to safely operate a Gas Tungsten Arc Welder (TIG). Students will learn to TIG weld both ferrous and non-ferrous metals, and perform appropriate types of welds on those metals. FA, SP

Conc-Reqs: PMT0131
Lab Fees: $40.00

PMT0134 Gas Metal Arc Welding (GMAW or TIG), 1.0 voc hrs
This course introduces the student to the Gas Metal Arc Welding processes, including safe operating practices, handling and storage of compressed gasses, process principles, component identification and metal identification. FA, SP

Pre-Reqs: PMT0102
Conc-Reqs: PMT0134L

PMT0134L Gas Metal Arc Welding (GMAW or TIG) Lab, 3.0 voc hrs
This course introduces the student to the Gas Metal Arc Welding processes, including safe operating practices, handling and storage of compressed gasses, process principles, component identification and metal identification. FA, SP

Conc-Reqs: PMT0134
Lab Fees: $40.00

PMT0440 Basic Machining and Welding, 1.0 voc hrs
This class is an introductory course in basic machine shop operations and welding processes. More advanced level courses are found with the college manufacturing and Welding programs.

Conc-Reqs: PMT0440L

PMT0440L Basic Machining and Welding Lab, 2.0 voc hrs
This class is an introductory course in basic machine shop operations and welding processes. More advanced level courses are found with the college manufacturing and Welding programs.

Conc-Reqs: PMT0440

PMT0441 Engine Block Machining, 1.0 voc hrs
This course covers the machining operations used to repair or upgrade engines. Machining operations will include milling, decking, cylinder boring, honing, and sleeving. Students will perform these operations on training components and working engines.

Conc-Reqs: PMT0441L

PMT0441L Engine Block Machining Lab, 2.0 voc hrs
This course covers the machining operations used to repair or upgrade engines. Machining operations will include milling, decking, cylinder boring, honing, and sleeving. Students will perform these operations on training components and working engines.

Conc-Reqs: PMT0441

PMT0442 Cylinder Heads, 1.0 voc hrs
This is a very specialized course in cylinder heads and valve train. Emphasis on high performance output of cylinder heads construction. Hands on training with up to date cylinder heads and equipment.

Conc-Reqs: PMT0442L

PMT0442L Cylinder Heads Lab, 2.0 voc hrs
This is a very specialized course in cylinder heads and valve train. Emphasis on high performance output of cylinder heads construction. Hands on training with up to date cylinder heads and equipment.

Conc-Reqs: PMT0442

PMT0905 Directed Study in Applied Welding, 1.0-4.0 voc hrs
DIS in Applied Welding FA, SP

PMT1212 Machine Tool Technology I, 2.0 sem hrs
An introductory course in basic machining and bench work, use of measuring tools, precision layout and cutting tool principles. FA

Conc-Reqs: PMT1212L

PMT1212L Machine Tool Technology I Lab, 1.0 sem hrs
An introductory course in basic machining and bench work, use of measuring tools, precision layout and cutting tool principles. FA

Conc-Reqs: PMT1212
Lab Fees: $15.00

PMT1223 Machine Tool Technology II, 2.0 sem hrs
A continuation of Machine Tool Technology I. Machine processes on lathes, mills, grinders, hand and power tools. Heat treating processes and surface grinding. SP

Conc-Reqs: PMT1223L

PMT1223L Machine Tool Technology II Lab, 1.0 sem hrs
A continuation of Machine Tool Technology I. Machine processes on lathes, mills, grinders, hand and power tools. Heat treating processes and surface grinding. SP

Conc-Reqs: PMT1223
Lab Fees: $15.00

PMT1250 Introduction to Computer Numerical Control, 2.0 sem hrs
The history and development of CNC including programming methods, set-up and operation of CNC drilling, milling and turning machines. Manual and computer assisted programming are taught. FA, SP

Conc-Reqs: PMT1250L

PMT1250L Introduction to Computer Numerical Control, 1.0 sem hrs
The history and development of CNC including programming methods, set-up and operation of CNC drilling, milling and turning machines. Manual and computer assisted programming are taught. FA, SP

Conc-Reqs: PMT1250
Lab Fees: $15.00

PMT2225 Machine Tool Technology III, 2.0 sem hrs
A continuation of Machine Tool Tech. II. Tooling operations, advanced machining, grinding, EDM operation and CMM inspection. Heat testing and cutter grinding. SU

Conc-Reqs: PMT2225L

PMT2225L Machine Tool Technology III Lab, 1.0 sem hrs
A continuation of Machine Tool Tech. II. Tooling operations, advanced machining, grinding, EDM operation and CMM inspection. Heat testing and cutter grinding. SU

Conc-Reqs: PMT2225

PMT2254 CNC Programming II, 2.0 sem hrs
A continuation of PMT 1250 Intro to CNC. Lathe and mill CNC programming. Tool and fixture offsets, plus outside programming from CAD/CAM software. FA

Conc-Reqs: PMT2254L

PMT2254L CNC Programming II Lab, 1.0 sem hrs
A continuation of PMT 1250 Intro to CNC. Lathe and mill CNC programming. Tool and fixture offsets, plus outside programming from CAD/CAM software. FA

Conc-Reqs: PMT2254

PMT2261 Introduction to Computer Aided Manufacturing (Mastercam), 2.0 sem hrs
A continuation of CNC programming from M codes and G codes through conversational. FA

Conc-Reqs: PMT2261L

PMT2261L Introduction to Computer Aided Manufacturing (Mastercam) Lab, 1.0 sem hrs
A continuation of CNC programming from M codes and G codes through conversational. FA

Conc-Reqs: PMT2261
Lab Fees: $15.00

PMT2262 CAD/CAM II (Mastercam), 2.0 sem hrs
Advanced training on CAD/CAM operation using Mastercam software. Creating machine tool paths from original drawings and transferred files. 2-D and 3-D geometry shapes are also used in format. SP

Conc-Reqs: PMT2262L

PMT2262L CAD/CAM II (Mastercam) Lab, 1.0 sem hrs
Advanced training on CAD/CAM operation using Mastercam software. Creating machine tool paths from original drawings and transferred files. 2-D and 3-D geometry shapes are also used in format. SP

Conc-Reqs: PMT2262

PMT2720 EDM Machining Process, 2.0 sem hrs
EDM machining uses electrical energy to remove materials. This course offers training in wire EDM machining and sinker EDM machining. Students will operate and run both types of machines. SU

Conc-Reqs: PMT2720L

PMT2720L EDM Machining Process Lab, 1.0 sem hrs
EDM machining uses electrical energy to remove materials. This course offers training in wire EDM machining and sinker EDM machining. Students will operate and run both types of machines. SU

Conc-Reqs: PMT2720

PMT2949 Cooperative Education Experience in Machining, 1.0-3.0 sem hrs
Cooperative Education Experience in Machining. FA, SP, SU

POR - Foreign Language (Portuguese)

POR1120 Elementary Portuguese I Concentrated, 3.0 sem hrs
Develop the basic skills of Portuguese using a communicative approach. To communicate at a basic level, an equal emphasis will be placed on all four language skills: listening, speaking, reading, and writing. Students will be introduced to the history, traditions, and cultures of the different Portuguese speaking countries. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

Conc-Reqs: POR1120L

POR1120L Elementary Portuguese I Concentrated Lab, 1.0 sem hrs
Develop the basic skills of Portuguese using a communicative approach. To communicate at a basic level, an equal emphasis will be placed on all four language skills: listening, speaking, reading, and writing. Students will be introduced to the history, traditions, and cultures of the different Portuguese speaking countries. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA

Conc-Reqs: POR1120
Lab Fees: $5.00

POR1121 Elementary Portuguese II Concentrated, 3.0 sem hrs
Continuation of POR 1120/1120L using a communicative approach to enhance elementary listening, speaking, reading, and writing skills of Portuguese. Study all tenses and grammar fundamentals. Continue to develop a cultural understanding of Portuguese-speaking countries. Includes three-hour class instruction and two-hour language laboratory. SP

Conc-Reqs: POR1121L

POR1121L Elementary Portuguese II Concentrated Lab, 1.0 sem hrs
Continuation of POR 1120/1120L using a communicative approach to enhance elementary listening, speaking, reading, and writing skills of Portuguese. Study all tenses and grammar fundamentals. Continue to develop a cultural understanding of Portuguese-speaking countries. Includes three-hour class instruction and two-hour language laboratory. SP

Conc-Reqs: POR1121
Lab Fees: $5.00

POS - Political Science

POS2041 American Federal Government, 3.0 sem hrs
Constitutional rights of the individual; structure and functions of our legislative, executive and judicial branches; role of the citizen in political parties and the electoral process. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

POS2112 State and Local Government, 3.0 sem hrs
Introduction to the principles and institutions of state and local government with emphasis on Florida. Explores the structures and functions of state governments, including federal-state and state-local relations. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

POS2949 Cooperative Education Experience in Political Science, 1.0-4.0 sem hrs
Cooperative Education Experience in Political Science FA, SP, SU

PPE - Psychology

PPE2001 Survey of Personality, 3.0 sem hrs
Survey of the theoretical bases of the major models of personality and psychotherapy and specific therapeutic techniques and procedures from each. (Prerequisite: Appropriate placement scores or successful completion of college prep courses; or permission of assistant chair or department chairperson.) SP

Lab Fees: $8.00

PRN - Nursing - Practical

PRN0000 Introduction to Nursing, 5.0 voc hrs
Foundation course related to the role of the practical nurse, relationships with other members of the health team, and the common needs of well people. Includes critical thinking; fundamentals of nursing; normal nutrition; vocational, personal and community relationships; introduction to medical-surgical nursing; human growth and development; geriatric nursing; pharmacology; and mental health wellness. FA, SP

Pre-Reqs: HSC1000 AND BSC1080 OR BSC0070
Conc-Reqs: PRN0000L

PRN0000L Introduction to Nursing Lab, 10.25 voc hrs
Foundation course related to the role of the practical nurse, relationships with other members of the health team, and the common needs of well people. Includes critical thinking; fundamentals of nursing; normal nutrition; vocational, personal and community relationships; introduction to medical-surgical nursing; human growth and development; geriatric nursing; pharmacology; and mental health wellness. FA, SP

Conc-Reqs: PRN0000
Lab Fees: $132.00

PRN0042 Home Health and Rehabilitation Nursing, 1.8 voc hrs
F o u n d a t i o n course related to the role of the practical nurse, relationship with other members of the health team, and common needs of clients in various settings. Includes: rehabilitation nursing, community health concepts, and basic pharmacology. SU

Co-Reqs: PRN0120 AND PRN0120L
Pre-Reqs: PRN0000 AND PRN0000L
Conc-Reqs: PRN0042L

PRN0042L Home Health and Rehabilitation Nursing Lab, 4.0 voc hrs
F o u n d a t i o n course related to the role of the practical nurse, relationship with other members of the health team, and common needs of clients in various settings. Includes: rehabilitation nursing, community health concepts, and basic pharmacology. SU

Conc-Reqs: PRN0042
Lab Fees: $85.00

PRN0120 Maternal/Child Health Nursing, 1.8 voc hrs
Introduction to the care of newborns, antepartal care of the family to be, care of the laboring woman, the post-partum family, and pediatric patients. Learning activities will emphasize nursing techniques, communication skills, and problem solving in selected situations of nursing practice. SU

Co-Reqs: PRN0042 AND PRN0042L
Pre-Reqs: PRN0000 AND PRN0000L
Conc-Reqs: PRN0120L

PRN0120L Maternal/Child Health Nursing Lab, 4.0 voc hrs
Introduction to the care of newborns, antepartal care of the family to be, care of the laboring woman, the post-partum family, and pediatric patients. Learning activities will emphasize nursing techniques, communication skills, and problem solving in selected situations of nursing practice. SU

Co-Reqs: PRN0042L AND PRN0042
Conc-Reqs: PRN0120
Lab Fees: $85.00

PRN0120P Maternal/Child Health Nursing, 0.9 voc hrs
Introduction to the care of newborns, antepartal care of the family to be, care of the laboring woman, the post-partum family, and pediatric patients. Learning activities will emphasize nursing techniques, communication skills, and problem solving in selected situations of nursing practice. May be repeated one time for credit. (Prerequisite: PRN 0000P/0000L. Corequisite: PRN 0120PL.) SU

Pre-Reqs: PRN0000PL AND PRN0000P
Conc-Reqs: PRN0120PL

PRN0120PL Maternal/Child Health Nursing Lab, 2.0 voc hrs
Introduction to the care of newborns, antepartal care of the family to be, care of the laboring woman, the post-partum family, and pediatric patients. Learning activities will emphasize nursing techniques, communication skills, and problem solving in selected situations of nursing practice. May be repeated one time for credit. (Prerequisite: PRN 0000P/0000L. Corequisite: PRN 0120PL.) SU

Conc-Reqs: PRN0120P OR PRN0120
Lab Fees: $49.00

PRN0200 Medical-Surgical Nursing I, 4.8 voc hrs
Learning activities will emphasize nursing techniques, communication skills, problem solving, role responsibility, and employability skills

in selected areas of nursing practice. Includes disorders of the following systems: (1) musculoskeletal, (2) nervous, (3) sensory, (4) respiratory, (5) circulatory, (6) renal/urinary, (7) reproductive, (8) gastrointestinal, (9) endocrine, and (10) immune. FA, SP

Pre-Reqs: BSC0070 OR HSC1000 OR BSC1085
Conc-Reqs: PRN0200L

PRN0200L Medical-Surgical Nursing I Lab, 10.38 voc hrs
Learning activities will emphasize nursing techniques, communication skills, problem solving, role responsibility, and employability skills in selected areas of nursing practice. Includes disorders of the following systems: (1) musculoskeletal, (2) nervous, (3) sensory, (4) respiratory, (5) circulatory, (6) renal/urinary, (7) reproductive, (8) gastrointestinal, (9) endocrine, and (10) immune. FA, SP

Conc-Reqs: PRN0200
Lab Fees: $113.00

PRN0200P Medical-Surgical Nursing, 2.4 voc hrs
Learning activities will emphasize nursing techniques, communication skills, problem solving, role responsibility, and employability skills in selected areas of nursing practice. Includes disorders of the following systems: (1) musculoskeletal, (2) nervous, (3) sensory, (4) respiratory, (5) circulatory, (6) renal/urinary, (7) reproductive, (8) gastrointestinal, (9) endocrine, and (10) immune. May be repeated one time for credit. (Prerequisite: PRN 0000P/0000PL. Corequisite: PRN 0200PL.) FA, SP

Pre-Reqs: PRN0000PL AND PRN0000P
Conc-Reqs: PRN0200PL

PRN0200PL Medical-Surgical Nursing Lab, 5.19 voc hrs
Learning activities will emphasize nursing techniques, communication skills, problem solving, role responsibility, and employability skills in selected areas of nursing practice. Includes disorders of the following systems: (1) musculoskeletal, (2) nervous, (3) sensory, (4) respiratory, (5) circulatory, (6) renal/urinary, (7) reproductive, (8) gastrointestinal, (9) endocrine, and (10) immune. May be repeated one time for credit. (Prerequisite: PRN 0000P/0000PL. Corequisite: PRN 0200PL.) FA, SP

Conc-Reqs: PRN0200P OR PRN0200
Lab Fees: $56.00

PRN0904 Directed Study in Practical Nursing, 1.0-4.0 voc hrs
Directed Study in Practical Nursing FA, SP, SU

PSB - Psychology

PSB2442 Addictions I - Psychology of Addictions, 3.0 sem hrs
Students acquire a knowledge base about a variety of substances abused; understanding addiction, categories of addiction; current trends and evidence based practice in the field, including education, behavioral health, and social sciences; and addiction services available for referrals. This course can be used towards the Transdisciplinary Foundations requirement of the certification boards. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

PSC - Physical Sciences

PSC1121 Physical Science, 3.0 sem hrs
Integrated principles of physical and earth sciences, the scientific method and selected areas of fundamental physics, chemistry, astronomy and meteorology. (Pre or Co-requisites ENC1101 and MAT1033) FA, SP, SU

Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106
Lab Fees: $15.00

PSC2905 Directed Study in Physical Science, 1.0-4.0 sem hrs
Directed Study in Physical Science (Prerequisite: Appropriate placement scores or successful completion of college prep courses.)

PSY - Psychology

PSY1012 General Psychology, 3.0 sem hrs
A scientific study of human behavior in relation to our development, motivation, emotion, perception learning and thinking. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

PSY2905 Directed Study of Psychology, 3.0 sem hrs
Directed Study in Psychology (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

PSY2930 Special Topics in Psychology, 3.0 sem hrs
Special Topics in Psychology is a course that provides students with an opportunity to explore, research, observe, and discuss special topics, problems, current and historical issues, and emerging trends in psychology and society. FA, SP

Pre-Reqs: PSY1012
Lab Fees: $5.00

PSY2949 Cooperation Education Experience in Psychology, 3.0 sem hrs
Cooperative Education Experience in Psychology FA, SP, SU

QMB - Quantitative Methods in Business

QMB1001 Business Math, 3.0 sem hrs
Analytical treatment of practical business financial problems concerning interest, payrolls, financial statement analysis, buying and selling goods, consumer credit, etc., using calculators. FA,SP, SU

Course Descriptions - R

REA - Reading

REA0001 Reading I, 3.0 college prep hrs
Designed for students scoring below minimum placement scores. Emphasis is placed on improving vocabulary, comprehension and reading rate. Three-hour lecture, two-hour lab required. (REA 0001 cannot be used toward AA, AAS or AS degree requirements.) FA, SP, SU

Conc-Reqs: REA0001L

REA0001L Reading Lab, 1.0 college prep hrs
Designed for students scoring below minimum placement scores. Emphasis is placed on improving vocabulary, comprehension and reading rate. Three-hour lecture, two-hour lab required. (REA 0001L cannot be used toward AA, AAS or AS degree requirements.) FA, SP, SU

Conc-Reqs: REA0001

Lab Fees: $15.00

RED - Language Arts and English Education

RED3012 Principles of Reading, 3.0 sem hrs
This course includes an introduction to reading principles, procedures and organization, current practices, analysis of reading materials, correlation with child development, investigation of research. This course includes field experience in the public schools.

RED3309 Early and Emergent Reading K-2, 3.0 sem hrs
The purpose of this course is to Increase the understanding of early literacy development and the conditions which promote total literacy from birth through lower elementary grades. The course requires field service. Prerequisite: admission to the teacher education program

RED4511 Intermediate Literacy, Reading and Thinking, 3.0 sem hrs
The course covers procedures for meeting individual differences through diagnosis of needs, differentiated instruction, selected use of materials, and classroom organization. This course includes 15 hours of field experience.

Pre-Reqs: RED3309

RED4519 Diagnosis, Intervention in Reading, 3.0 sem hrs
This course introduces formal and informal methods and materials used to identify reading strengths and weaknesses of students. Emphasis is placed on diagnosis of reading problems, administration of assessments, evaluation of results and planning instructional interventions to remediate reading difficulties. This course requires field experience in the public schools.

Pre-Reqs: RED3309 OR RED3012

RED4844 Reading Practicum, 2.0-3.0 sem hrs
This is an application course consisting of a supervised practicum. Preservice teachers work in a school site with students who are experiencing reading problems, including ESE students and English Language Learners. Students review current reading research literature and select, plan, and use appropriate reading assessments, materials, and strategies to identify needs and provide remedial reading instruction in a K-12 classroom. Field service in a public school required.

Pre-Reqs: TSL3080 AND RED3309 OR RED4511 OR RED3012

REL - Religion

REL2300 World Religion, 3.0 sem hrs
A comparative study of religion, with emphasis on Judaism, Christianity, Hinduism, Buddhism, Taoism, Confucianism, Shinto and Islam. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101

REL2905 Directed Study in Religion, 1.0-3.0 sem hrs
Directed Study in Religion (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

RET - Respiratory Care

RET1024 Introduction to Respiratory Care, 1.0 sem hrs
An introduction to the scientific basis for respiratory care. Lecture and laboratory experiences. (Prerequisite: Admission to the Respiratory Care program.) FA

Conc-Reqs: RET1024L

RET1024L Introduction to Respiratory Care Lab, 1.0 sem hrs
An introduction to the scientific basis for respiratory care. Lecture and laboratory experiences. (Prerequisite: Admission to the Respiratory Care program.) FA

Conc-Reqs: RET1024

RET1026 Fundamentals of Respiratory Care I, 3.0 sem hrs
Fundamentals of basic respiratory care techniques and equipment, including respiratory pharmacology. Introductory chest physiotherapy along with medical gas, humidity and aerosol and hyperinflation therapy. Lecture and laboratory. FA

Co-Reqs: RET1024L AND RET1024
Conc-Reqs: RET1026L

RET1026L Fundamentals of Respiratory Care I Lab, 1.0 sem hrs
Fundamentals of basic respiratory care techniques and equipment, including respiratory pharmacology. Introductory chest physiotherapy along with medical gas, humidity and aerosol and hyperinflation therapy. Lecture and laboratory. FA

Conc-Reqs: RET1026
Lab Fees: $5.00

RET1264 Fundamentals of Respiratory Care II, 3.0 sem hrs
A continuation of basic respiratory care techniques and equipment. Topics emphasized are airway management, arterial punctures and ventilatory support for adult patients. SP

Pre-Reqs: RET1026C OR RET1026
Conc-Reqs: RET1264L

RET1264L Fundamentals of Respiratory Care II Lab, 1.0 sem hrs
A continuation of basic respiratory care techniques and equipment. Topics emphasized are airway management, arterial punctures and ventilatory support for adult patients. SP

Conc-Reqs: RET1264
Lab Fees: $10.00

RET1265 Mechanical Ventilation, 4.0 sem hrs
This course involves an in-depth examination and application of mechanical ventilation principles and equipment. Current practice as well as innovations in the use of pressure and volume ventilation, clinical practice guidelines, patient-driven protocols and management of the patient ventilator system are also discussed. SP

Co-Reqs: RET1264
Pre-Reqs: RET1026C OR RET1026

RET1293 Cardiopulmonary Medicine, 3.0 sem hrs
A study of diseases and clinical entities commonly encountered in patients needing respiratory care. SP

Pre-Reqs: BSC1085C AND RET1485 OR BSC1085

RET1414 Cardiopulmonary Diagnostics, 3.0 sem hrs
A study of diagnostic techniques and instrumentation, including pulmonary function, blood gas analysis, electrocardiogram, heart-lung stress testing and other procedures. SU

Co-Reqs: RET1833
Pre-Reqs: RET1264
Lab Fees: $5.00

RET1485 Cardiopulmonary Anatomy and Physiology, 3.0 sem hrs
A detailed study of the structure and function of the heart and lungs, including respiratory related abnormal physiological processes and acid-base status. (Prerequisite: Admission to the Respiratory Care program.) FA

RET1534 Special Topics in Respiratory Care I, 3.0 sem hrs
This course includes a continuation of Mechanical Ventilation including clinical simulations and use of the Human Patient Simulator laboratory. Respiratory Care in alternate sites, i.e. Pulmonary Rehabilitation and Home Care are also discussed in this 10-week summer course. SU

Pre-Reqs: RET1293

RET1832 Clinical Respiratory Care I, 4.0 sem hrs
Clinical application of respiratory care procedures, including medical gas, humidity and aerosol and hyperinflation therapies. Ventilatory support and other adjunctive procedures also are included. Ethics in respiratory care are also discussed. Clinical. SP

Co-Reqs: RET1264

Lab Fees: $15.00

RET1833 Clinical Respiratory Care II, 2.0 sem hrs
Continuation of Clinical Respiratory Care. New areas of emphasis include blood gas analyzers, pulmonary function testing and other diagnostic and monitoring instrumentation and techniques. Clinical. SU

Pre-Reqs: RET1832 AND RET1264
Lab Fees: $15.00

RET2280 Fundamentals of Respiratory Care III, 3.0 sem hrs
This course is a continuation of RET 1264 Fundamentals of Respiratory Care II. Topics including bronchoscopy, chest tube maintenance, vacuum systems, enteral feeding and nasogastric tube placement assessment are discussed. Sleep Medicine and testing, cardiopulmonary stress testing, metabolic assessment, advanced electrocardiography and holter monitoring are also covered. Cardiac Life Support (BCLS), Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS), and the Neonatal Resuscitation Program (NRP) is also conducted. The mandatory four hours (4) of HIV/AIDS information and two (2) hours of Prevention of Medical Errors required for graduation and the Certified Respiratory Therapist (CRT) exam will also be covered in this course. FA

Pre-Reqs: RET1264 AND RET1264L

RET2483 Patient Assessment and Interaction, 1.0 sem hrs
An introduction to comprehensive patient assessment. Lecture and laboratory experiences. (Prerequisite: Admission to the Respiratory Care program.) FA

Conc-Reqs: RET2483L

RET2483L Patient Assessment and Interaction Lab, 1.0 sem hrs
An introduction to comprehensive patient assessment. Lecture and laboratory experiences. (Prerequisite: Admission to the Respiratory Care program.) FA

Conc-Reqs: RET2483
Lab Fees: $10.00

RET2714 Special Topics in Respiratory Care II, 3.0 sem hrs
This course discusses Hemodynamic Monitoring including indications, equipment utilized, monitoring, evaluation and recommendations. The second half of this course introduces the evolving field of Pediatric and Neonatal Respiratory Care to include the assessment and treatment of the newborn and pediatric patient. FA

Pre-Reqs: RET1485 AND RET1293
Lab Fees: $60.00

RET2876 Clinical Respiratory Care III, 4.0 sem hrs
Continuation of Clinical Respiratory Care II (critical respiratory care) with emphasis on neonate and pediatric areas. Rotation through specialty areas including home care agencies, cardiac catherization lab, operating room, emergency room and post-anesthesia recovery areas. Mini case studies are presented in post conference daily and weekly on assigned patients. FA

Pre-Reqs: RET1833 AND RET1832
Lab Fees: $15.00

RET2877 Clinical Respiratory Care IV, 4.0 sem hrs
The students continue their critical care rotations, exposure to special care areas adding skilled nursing facilities, long term care, pulmonary rehabilitation, pulmonary function testing laboratories and neonatal/ pediatric areas. Students also complete case studies for oral presentation. As a final project, students will write a term-quality research paper on a pre-approved topic relevant to the practice of respiratory care. SP

Pre-Reqs: RET2876
Lab Fees: $15.00

RET2934 Respiratory Care Seminar, 3.0 sem hrs
This capstone course presents a continuation of Pediatric and Neonatal Respiratory Care with clinical simulations and future implications. Also discussed is Fluid and Electrolyte values used in the treatment of all populations. The seminar course also provides a review of all materials covered throughout the five-semester program. Computerized self-assessment entry-level and advanced practitioner examinations are administered as a conclusion to this course. Employability skills and the licensure and examination process are also covered. SP

Lab Fees: $50.00

RTE - Radiography

RTE1000 Fundamentals of Radiologic Technology, 1.0 sem hrs
Provides extensive understanding of the fundamentals of radiation positioning, technique, protection, patient care and assessment, ethics, human diversity, body mechanics, medical-legal aspects, history and role of radiographer. SP

RTE1001 Medical Terminology for Radiographers, 1.0 sem hrs
Introduction to medical abbreviations, symbols and terms. A word-building system is introduced with related terminology. Understanding of radiographic orders and diagnostic reports are discussed. SP

RTE1418 Radiographic Exposures and Processing, 2.0 sem hrs
A study of the factors that govern and influence the production of an image. Image processing, image receptor systems and accessory devices will be discussion. SP

RTE1457 Radiographic Exposures II, 2.0 sem hrs
A continuation of Radiographic Exposures and Processing, with emphasis image quality and technical factor selection. SU

Pre-Reqs: RTE1418

RTE1503 Radiographic Procedures I, 2.0 sem hrs
A study of patient positioning, equipment usage and image quality evaluation for exams involving the respiratory system, digestive/biliary system and appendicular skeleton. Emphasis on radiation protection and patient care. SP

RTE1503L Radiographic Procedures Lab I, 1.0 sem hrs
A study of patient positioning, equipment usage and image quality evaluation for exams involving the respiratory system, digestive/biliary system and appendicular skeleton. Emphasis on radiation protection and patient care. SP

Co-Reqs: RTE1503

RTE1513 Radiographic Procedures II, 2.0 sem hrs
Continuation of Radiographic Procedures I. A study of positioning, equipment usage and image quality evaluation of exams of the appendicular skeleton, organ system, shoulder girdle, and bony thorax. Detailed study of pharmacology involving contrast agents. SU

Pre-Reqs: RTE1503 AND RTE1503L

RTE1513L Radiographic Procedures Lab II, 1.0 sem hrs
Demonstration and student radiographer practice in anatomy and radiographic positioning of the organ systems, bony thorax, appendicular skeleton, vertebral column and cranium. SU

Co-Reqs: RTE1513

RTE1523 Radiographic Procedures III, 2.0 sem hrs
A continuation of Radiographic Procedures III, with emphasis on the vertebral column, cranium and special projections for each system. Study of fluoroscopic, tomographic, and electronic imaging and PACS. FA

Pre-Reqs: RTE1513 AND RTE1513L

RTE1804 Radiographic Clinical Education I, 3.0 sem hrs
Supervised clinical education in performing radiographic procedures with emphasis on competency evaluation in the respiratory, appendicular and abdominal anatomy. SP

RTE1814 Radiographic Clinical Education II, 3.0 sem hrs
Supervised clinical education in performing radiographic procedures with emphasis on competency evaluation in the appendicular, axial skeleton and contrast studies. SU

Pre-Reqs: RTE1804

RTE1824 Radiographic Clinical Education III, 5.0 sem hrs
Supervised clinical education in performing radiographic procedures with emphasis on competency evaluation on trauma, pediatric patients, and procedures performed outside the department in the axial and appendicular skeletons. FA

Pre-Reqs: RTE1814

RTE2385 Radiation Biology and Protection, 2.0 sem hrs
A study of the principles of cell radiation interactions and radiation protection principles. The student will develop an awareness of the potential harmful effects of radiation and safe usage of radiation for diagnosis and treatment. SP, SU

RTE2473 Quality Management in Radiography, 1.0 sem hrs
Study of the components involved in imaging systems with tests and procedures to evaluate them. State and Federal regulations/guidelines will be discussed. Basic pharmacology will be instructed during this course. SP, SU

RTE2563 Selected Radiographic Special Procedures I, 3.0 sem hrs
A study of techniques/procedures other than those used in diagnostic radiography to include anatomy of the cardiac, nervous and reproductive systems, cross-sectional anatomy, and imaging/therapeutic procedures for these systems. SP

RTE2573 Selected Radiographic Special Procedures II, 3.0 sem hrs
A continuation of RTE 2563 with emphasis on surgical imaging, computed tomography, magnetic resonance image, ultrasound, radiation therapy, nuclear medicine and interventional/catheterization procedures. FA

Pre-Reqs: RTE2563

RTE2613 Radiation Physics I, 3.0 sem hrs
The physics of diagnostic imaging including analysis and synthesis of energy and matter and their relationship. Detailed study of the atom and the components needed for the production x radiation. SP

RTE2623 Radiation Physics II, 3.0 sem hrs
A continuation of Radiation Physics with emphasis on the X-ray tube, equipment, x-ray production and interactions with matter. FA

Pre-Reqs: RTE2613

RTE2782 Radiographic Pathology, 1.0 sem hrs
This course provides knowledge of pathologic conditions seen radiographically and their effects on technique and positioning. SP, SU

RTE2834 Radiographic Clinical Education IV, 5.0 sem hrs
Supervised clinical education in performing radiographic procedures with emphasis on competency evaluation on trauma, pediatric patients, and procedures performed outside the department in the axial and appendicular skeletons. SP

Pre-Reqs: RTE1824

RTE2844 Radiographic Clinical Education V, 6.0 sem hrs
Supervised clinical education in performance of radiographic procedures with emphasis on competency evaluation in Specialized Procedures: CT, MRI, Invasive Radiology, Surgery (Mobile), Radiation Therapy (optional), Nuclear Medicine, Cardiac Cath, Ultrasound and Interventional Procedures. FA

Pre-Reqs: RTE2834

RTE2854 Radiographic Clinical Education VI, 5.0 sem hrs
Supervised clinical education in performance of radiographic procedures with emphasis on Final Competency Evaluation.) SP, SU

Pre-Reqs: RTE2844

RTE2930 Radiographic Image Critique, 1.0 sem hrs
Course provides student with critical thinking and problem solving methods to be utilized in image evaluation to assure appropriate anatomy and/or pathology demonstrated on properly positioned images with high image quality. Students also gain knowledge in performance of repeat analysis. SP

RTV - Mass Communication (Broadcast, Radio and Television)

RTV1940 Broadcast Technology Practicum I, 3.0 sem hrs
Level I field placements provide opportunities for students to apply basic television production principles and techniques. The placements complement classroom sessions to provide hands-on participation under the direction of placement supervisors. Students assume production duties in a specified list of television-station roles. FA, SP

Lab Fees: $20.00

RTV1941 Broadcast Technology Practicum II, 3.0 sem hrs
This Level II course integrates more advanced practical applications of television production theories, concepts and technical skills in broadcast production setting under supervision of professional personnel. FA, SP

Pre-Reqs: RTV1940

RTV2102 Writing for Radio and Television (Broadcast Writing), 3.0 sem hrs
Students will learn presentation styles of broadcasting. The course emphasizes practical broadcast reporting skills by putting them into practice and creating programming for WCEU-Channel 15, the PBS affiliate on campus. SP

Pre-Reqs: JOU1100 OR RTV2300 AND MMC1000
Lab Fees: $15.00

RTV2300 Broadcast Research/Newswriting/Presentation Skills, 3.0 sem hrs
Basic instruction and practice in news gathering, writing and announcing for radio and TV. Students will create a video portfolio of live performances. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Pre-Reqs: ENC1101
Lab Fees: $15.00

RTV2804 Broadcast Technology and Management Practicum IV, 3.0 sem hrs
This Level IV placement will provide students with high-level production, direction and technical training in the context of actual studio and location television productions. FA, SP

Pre-Reqs: RTV2942

RTV2942 Broadcast Technology Practicum III, 3.0 sem hrs
This Level III course will further develop television production methods and techniques. Students will refine skills in the production roles specified and be evaluated by the site supervisor. FA, SP

Pre-Reqs: RTV1941

SBM - Management (Small Business)

SBM2000 Small Business Management, 3.0 sem hrs
A step-by-step presentation of how to manage and operate a small business. The areas covered include developing a business plan, securing financing, site location, and marketing. FA, SP

SCE - Science Education

SCE3310 Teachning Science in the Elementary School, 3.0 sem hrs
The course is designed to provide the preservice teacher with the knowledge and skills to be an effective elementary science teacher. Field service in the public schools is required.

Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430

SCE4360 Science Instructional Analysis, 4.0 sem hrs
This course is designed to provide the preservice science teacher with the necessary knowledge and skills to become a reflective and effective science teacher in the 6-12 setting. This course requires field service in the public schools.

Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430

SLS - Student Life Skills

SLS1122 Student Success, 3.0 sem hrs
Designed to increase student success through the development of academic and life skills. Topics include study techniques, test anxiety, memory techniques and personal development. FA, SP, SU

Lab Fees: $5.00

SLS1225 Human Potential, 3.0 sem hrs
Exploration of students   values, talents, and abilities which direct one   s life in relationship to educational planning, career decisions, personal goals and other human relation skills. FA, SP, SU

Lab Fees: $10.00

SLS1261 Dynamics of Student Leadership Development, 3.0 sem hrs
The course is designed to introduce students to the dynamics of organizational behavior, with emphasis on the relationship between self and group in the leadership process. The course functions as an interactive "leadership laboratory," in which students explore leadership in relation to individuality, group dynamics, career development and community engagement. Topics include personal and group goal-setting, self-affirmation, conflict resolution, team-building; theories and styles of leadership. FA, SP, SU

SLS2301 Career Planning, 3.0 sem hrs
Structured career planning assistance. Systematic study and review of interests, values, aptitude, employability skills, job search planning, career exploration and communications skills development. FA, SP

Lab Fees: $10.00

SLS2304 Career Exploration, 1.0 sem hrs
Structured for self-paced individualized career exploration. Includes systematic review of Career Center library materials and use of computer-based career development programs. FA, SP, SU

Lab Fees: $33.00

SLS2363 Adults in Transition, 3.0 sem hrs
Designed to assist adults in finding more personal satisfaction and financial reward in the job market. It focuses on the relationship between self-understanding and potential careers. FA, SP

SLS3355 Orientation to BS in Education Programs, 0.0 sem hrs
The purpose of this course is to introduce students to the Education Department processes and overall expectations for disposition for teaching. Students will learn the use of the College's online portfolio system (Livetext), how coursework relates to their meeting the Florida Department of Education requirements for teacher certification, and how to ensure they remain a satisfactory candidate for graduation. This course requires the students to purchase access to the Livetext software program. (Prerequisite: Admission to BS in Education Program.)

Lab Fees: $80.00

SOP - Psychology

SOP2002 Introduction to Social Psychology, 3.0 sem hrs
The function of individuals in social groups, with emphasis upon communications, persuasion, attitudes and other practical applications. FA, SP

Co-Reqs: ENC1101
Lab Fees: $5.00

SOP2772 Psychology of Human Sexuality, 3.0 sem hrs
A study of the psychological, biological, psychosocial and cultural aspects of human sexuality. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

Co-Reqs: ENC1101
Lab Fees: $5.00

SOP2905 Directed Study in Social Psychology, 3.0 sem hrs
Directed Study in Social Psychology (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP, SU

SPC - Speech Communication

SPC2511 Argumentation and Debate, 3.0 sem hrs
The principles of argumentation, including analysis, evidence, inference and refutation, and their application to issues of current public interest through the practice of team debates. FA

Pre-Reqs: SPC2608
Lab Fees: $15.00

SPC2608 Oral Communications/Research/Presentation Skills, 3.0 sem hrs
Basic principles of speech communication, including practice with various types and methods of oral expression. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Pre-Reqs: ENC1101
Lab Fees: $15.00

SPN - Foreign Language (Spanish)

SPN1120 Elementary Spanish I Concentrated, 3.0 sem hrs
Introductory course to the Spanish language and culture for students who have limited or no knowledge of Spanish. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP,SU

Conc-Reqs: SPN1120L

SPN1120L Elementary Spanish I Concentrated Lab, 1.0 sem hrs
Introductory course to the Spanish language and culture for students who have limited or no knowledge of Spanish. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) Lab fee: $5. FA, SP,SU

Conc-Reqs: SPN1120
Lab Fees: $5.00

SPN1121 Elementary Spanish II Concentrated, 3.0 sem hrs
A continuation of SPN 1120/1120L. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to further develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Successful completion SPN 1120/1120L or appropriate placement scores.) FA, SP, SU

Pre-Reqs: SPN1120
Conc-Reqs: SPN1121L

SPN1121L Elementary Spanish II Concentrated Lab, 1.0 sem hrs
A continuation of SPN 1120/1120L. Instruction is based on the fundamentals of grammar principles and on the communicative approach with activities designed to further develop reading, writing, listening, and speaking skills while promoting cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Successful completion SPN 1120/1120L or appropriate placement scores.) Lab fee: $5. FA, SP, SU

Pre-Reqs: SPN1120
Conc-Reqs: SPN1121

Lab Fees: $5.00

SPN2220 Intermediate Spanish Reading and Conversation I, 3.0 sem hrs
A continuation of SPN 1121/1121L. Instruction for the Intermediate level is based on the fundamentals of grammar principles and on the communicative approach with activities designed to enhance and further develop reading, writing, listening, and speaking skills while continuing to promote cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Successful completion SPN 1121/1121L or appropriate placement scores.) FA, SP

Pre-Reqs: SPN1121
Conc-Reqs: SPN2220L

SPN2220L Intermediate Spanish Reading and Conversation I Lab, 1.0 sem hrs
A continuation of SPN 1121/1121L. Instruction for the Intermediate level is based on the fundamentals of grammar principles and on the communicative approach with activities designed to enhance and further develop reading, writing, listening, and speaking skills while continuing to promote cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Successful completion SPN 1121/1121L or appropriate placement scores.) Lab fee: $5. FA, SP

Pre-Reqs: SPN1121
Conc-Reqs: SPN2220
Lab Fees: $5.00

SPN2221 Intermediate Spanish Reading and Conversation II, 3.0 sem hrs
A continuation of SPN 2220/2220L. Instruction for the Intermediate level is based on the fundamentals of grammar principles and on the communicative approach with activities designed to strengthen reading, writing, listening, and speaking skills while continuing to promote cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Successful completion SPN 2220/2220L or appropriate placement scores.) FA, SP

Pre-Reqs: SPN2220
Conc-Reqs: SPN2221L

SPN2221L Intermediate Spanish Reading and Conversation II Lab, 1.0 sem hrs
A continuation of SPN 2220/2220L. Instruction for the Intermediate level is based on the fundamentals of grammar principles and on the communicative approach with activities designed to strengthen reading, writing, listening, and speaking skills while continuing to promote cultural awareness. Includes three-hour class instruction and two-hour language laboratory. (Prerequisite: Successful completion SPN 2220/2220L or appropriate placement scores.) Lab fee: $5. FA, SP

Pre-Reqs: SPN2220
Conc-Reqs: SPN2221
Lab Fees: $5.00

SPN2905 Directed Study in Spanish, 1.0-4.0 sem hrs
(Prerequisite: Appropriate placement scores or successful completion of college prep courses.)

SPN2949 Cooperative Education Experience in Spanish, 1.0-4.0 sem hrs
Cooperative Education Experience in Spanish FA, SP, SU

SSE - Social Studies Education

SSE3312 Teaching Social Studies, 3.0 sem hrs
This course provides both practical and theoretical knowledge about teaching social studies to all children in the elementary school. The course requires field experience in a public school.

Pre-Reqs: EDG4323 AND EDF4430

STA - Statistics

STA2023 Elementary Statistics, 3.0 sem hrs
Topics include: A survey of descriptive statistics and graphs, probability, random variables, confidence intervals, hypothesis testing, sampling, types of distributions, correlation and regression, and statistical applications. (Prerequisite: Placement through Daytona State College Placement test or passed MAC1105 or MGF 2106 with grades "C" or better, or permission of chairperson). FA, SP, SU

Pre-Reqs: MAC1105 OR MGF2106
Lab Fees: $15.00

STA4024 Statistics II, 3.0 sem hrs
Topics include: Estimation and hypothesis testing of means, proportions, and variances, an introduction to analysis of variance, simple and multiple linear regression, an analysis of count data: chi-square and contingency tables, and nonparametric methods. (Prerequisite: Passed STA2023 with grade "C" or better or permission of chairperson.) FA, SP, SU

Pre-Reqs: STA2023

STS - Surgical Technology Studies

STS0003 Introduction to Surgical Technology, 2.03 voc hrs
An introduction to the medical, legal, ethical and psychological aspects of health care during surgical intervention. Aseptic techniques employed to guard against disease and infection, with methods to combat them. FA

Lab Fees: $70.00

STS0120 Surgical Specialities I, 2.03 voc hrs
Introduction to various surgical specialties and procedures along with specified human anatomy of the area where the surgical procedure is performed. FA

Pre-Reqs: BSC1080 AND HSC1531 AND INP1390
Lab Fees: $80.00

STS0121 Surgical Specialities II, 2.77 voc hrs
Introduction to additional surgical specialties and specific human anatomy of the area in which the surgical procedure is performed. SP

Pre-Reqs: STS0120

STS0122 Surgical Specialities III, 1.0 voc hrs
Introduction to the final group of complex surgical specialties and procedures along with specific anatomy of the area where the surgical procedure is performed. SU

Pre-Reqs: STS0121

STS0155 Surgical Techniques and Procedures, 3.2 voc hrs
A supervised, well-structured laboratory learning experience in the specialized field of operating room services and patient care. FA

Co-Reqs: STS0003
Conc-Reqs: STS0155L

STS0155L Surgical Techniques and Procedures Lab, 3.2 voc hrs
A supervised, well-structured laboratory learning experience in the specialized field of operating room services and patient care. FA

Conc-Reqs: STS0155
Lab Fees: $80.00

STS0255L Surgical Procedures Clinical I, 6.4 voc hrs
Introduction as a surgical technologist by practicing learned skills and acquiring additional skills in clinical affiliate facility s operating rooms in various surgical specialties and procedures. FA

Co-Reqs: STS0003 AND STS0155 AND STS0120
Lab Fees: $10.00

STS0256L Surgical Procedures Clinical II, 12.5 voc hrs
Intermediate participation as a surgical technologist by practicing learned skills and acquiring additional skills in clinical affiliate facility s operating rooms in various surgical specialties and procedures. SP

Co-Reqs: STS0121
Pre-Reqs: STS0255L AND STS0003 OR STS0155
Lab Fees: $10.00

STS0257L Surgical Procedures Clinical III, 5.2 voc hrs
Advanced participation as a surgical technologist by practicing learned skills and acquiring additional skills in clinical affiliate facility s operating rooms in various surgical specialties and procedures. SU

Co-Reqs: STS0122
Pre-Reqs: STS0256L AND STS0255L
Lab Fees: $10.00

STS0949 Cooperative Education Training Assignment in Surgical Technology, 1.0-4.0 voc hrs
Cooperative Education Training Assignment in Surgical Technology FA, SP, SU

SYG - Sociology

SYG2000 Introduction to Sociology, 3.0 sem hrs
A systematic and scientific study of social behavior, including social organization, culture, deviance, cultural behavior and social institutions. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

SYG2010 Social Problems and Deviance, 3.0 sem hrs
A study of major social problems and deviance in American society emphasizing causes, consequences and means of coping with these conditions. FA, SP

Co-Reqs: ENC1101

SYG2430 The American Family, 3.0 sem hrs
Investigation of the issues, changes and trends surrounding the contemporary American family. Findings from the field of family sociology will be compared to life experiences of students. FA, SP

Co-Reqs: ENC1101
Lab Fees: $5.00

SYG2905 Directed Study in Sociology, 3.0 sem hrs
Directed Study in Sociology FA, SP, SU

TAX - Accounting

TAX2000 Personal Income Tax, 3.0 sem hrs
An introductory study of the individual income tax return that includes gross income and exclusions, business expenses and retirement plans, self-employed and employee expenses, itemized and certain other deductions, credits and special taxes, accounting periods and methods, depreciation, capital gains and losses, withholding, estimated payments and payroll taxes. FA, SP, SU

THE - Theatre Arts

THE1000 Dramatic Appreciation, 3.0 sem hrs
An introduction to all the basic aspects of theater, including the play, the playwright, the actor, settings, and historical periods using a Golden Ages approach. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. Attendance at productions required. FA, SP, SU

Co-Reqs: ENC1101

THE1035 Dramatics I (Acting), 3.0 sem hrs
An introductory course to the Acting process. General development of Form and Idea in acting and exercises in creating basic dramatic statement. FA. SP

THE1036 Dramatics II (Acting), 3.0 sem hrs
Basic characterization and scene study focusing on Modern American Realism. Orientation to Stanislavski with the emphasis on realism in imaginary circumstances. FA, SP

Pre-Reqs: THE1035

THE2037 Dramatics III (Theatre Production), 3.0 sem hrs
Scene study in Style and Genre of various historical periods in Theatre. Exercises in Stanislavski character development. FA, SP

Pre-Reqs: THE1036

THE2038 Dramatics IV (Theatre Production), 3.0 sem hrs
Students will spend semester learning about and working on various aspects of a production and then the class will present the play at the end of the term. FA, SP

Pre-Reqs: THE2037

THE2905 Dramatic Study in Dramatics, 1.0-3.0 sem hrs
Directed Study in Dramatics FA, SP, SU

THE2949 Cooperative Education Experience in Stagecraft, 4.0 sem hrs
Cooperative Education Experience in Dramatics FA, SP, SU

TPA - Theatre Arts

TPA2200 Stagecraft, 3.0 sem hrs
A study of the basic principles of set design, stage carpentry and props construction, with emphasis on performance construction/support. SP

TPP - Theatre Arts

TPP2190 Theatre Rehearsal and Performance, 2.0 sem hrs
The class will focus on stage and acting basics as they are applied to the production of a play or musical play. May be repeated one time for credit. (Prerequisite: Permission of chairperson through audition.) FA, SP

Conc-Reqs: TPP2190L

TPP2190L Theatre Rehersal and Performance Lab, 1.0 sem hrs
The class will focus on stage and acting basics as they are applied to the production of a play or musical play. May be repeated one time for credit. (Prerequisite: Permission of chairperson through audition.) FA, SP

Conc-Reqs: TPP2190

Lab Fees: $10.00

TSL - Teachning English as a Second Language

TSL3080 ESOL Issues and Strategies I, 3.0 sem hrs
This survey course is designed to introduce the underlying theories and practices of teaching ESOL (English to Speakers of Other Languages). The goal of this course is to develop the foundation of knowledge necessary to prepare educators to understand the concepts upon which second language acquisition are based as well as the impact these concepts will have on instruction. The following areas will be addressed in the course: linguistics, effective strategies/methods and curriculum to reach linguistically and culturally diverse students, multicultural education, linguistic and cultural issues in the area of assessment. The course will address the Consent Decree and the implications it has for students and teachers. This course includes field experience in the public schools.

TSL4081 ESOL Issues and Strategies II, 3.0 sem hrs
This course is designed to build on the foundation course in TESOL for students in integrated teacher education programs. The goal of this course is to link the theory and practice for effective teaching of ELL students. The course will focus primarily on methods, curriculum and assessment of ELL students. This class includes field experience in the public schools.

Pre-Reqs: TSL3080

VPI - Vocational Preparatory Instruction

VPI0100 Vocational Preparatory Reading, 0.0 voc prep hrs
This vocational preparatory course provides open-entry/open-exit instruction in reading and workforce readiness skills. The course provides individualized instruction tailored to the students   needs and learning styles. FA, SP, SU

VPI0200 Vocational Preparatory Mathematics, 0.0 voc prep hrs
This vocational preparatory course provides open-entry/open-exit instruction in mathematics and workforce readiness skills. The course provides individualized instruction tailored to the students   needs and learning styles. FA, SP, SU

VPI0300 Vocational Preparatory Language, 0.0 voc prep hrs
This vocational preparatory course provides open-entry/open-exit instruction in language and workforce readiness skills. The course provides individualized instruction tailored to the students   needs and learning styles. FA, SP, SU

WOH - History

WOH2012 World History I, 3.0 sem hrs
Survey of the major civilizations of the world from ancient times to the modern era. Emphasis on the development of civilization and the influence of encounter and exchange. This course contributes to satisfying the Gordon Rule (State Rule 6A-10.030) writing requirement. FA, SP, SU

Co-Reqs: ENC1101
Lab Fees: $5.00

WOH2022 World History II, 3.0 sem hrs
An overview of the modern civilizations of Asia, Africa, Europe and the Americas. Emphasis on the development of new social, economic and political systems accompanied with intensified cultural exchange. This course contributes to satisfying the Gordon Rule writing requirement. FA, SP, SU

Co-Reqs: ENC1101

WST - Women's Studies

WST2010 Womens Studies Seminar, 3.0 sem hrs
The changing image of women approached from the interdisciplinary perception of psychology (self-image), sociology (society   s image) and the arts (cultural image). (Prerequisite: Appropriate placement scores or successful completion of college prep courses.) FA, SP

Daytona State Facts

College Catalog - Facts About Daytona State

Daytona State College continues its commitment to progress and support of the communities it serves in Volusia and Flagler counties. The 2009-2010 academic year brings major change to the institution in terms of expansion of facilities and program offerings.

The mission of Daytona State College is to advance teaching, learning and innovation. Daytona State College, a comprehensive public college, provides access to a range of flexible programs, from community enrichment to the baccalaureate degree, emphasizing student success, embracing excellence and diversity, and fostering innovation to enhance teaching and learning.

College Catalog - Advanced Technology College

Technology is changing the world. It's also changing education. Today many jobs require training in technology. That's why the Advanced Technology College (ATC) was created. The ATC provides local residents with advanced technological training that meets the current and future needs of industry in the area. How do we know? We asked! What businesses in Volusia and Flagler counties told us became the foundation for the programs being offered at the ATC.

What does this mean for you? It means that your training is driven by the real needs of local employers - in other words, you're getting the skills that get jobs now! When you graduate, you'll be prepared for a job where applicants are in high demand.

The ATC is located on Williamson Boulevard near LPGA Boulevard in Daytona Beach. The facility includes occupational classrooms and lab areas with brand new, state-of-the-art equipment designed for each specific program. The newly constructed building also includes Internet and network connections, science labs, a multi-purpose room, a media center and open computer labs. The two-story classroom area surrounds an enclosed atrium that is the site of exhibits and gatherings. The ATC is designed to serve a wide variety of students. Community college students who seek additional technological training or degrees should apply as well as high school juniors and seniors in Volusia and Flagler counties.

Community college students will need to:

- Meet all standard requirements as specified in this catalog including CPT or TABE assessments if applicable
- Complete the necessary admissions application

High school students will need to:

- Apply through their home high school counselor who will inform them of the admission requirement and process.

The ATC is a public/private partnership. Daytona State College, the Volusia County School System and the Flagler County School System represent the public side of the project and are joined by the ATC Board of Directors, which is composed of business and community leaders who represent the private side of the project. The ATC is a member of the Volusia Flagler Career Connection Consortium and is supported by the business communities of Volusia and Flagler counties.

For more information on these programs and the ATC, call (386) 506-4100 or visit our Web site at www.advancedtechcollege.org.

Programs Offered at the ATC:

Computer Technology

Cable Installation
Computer Information Technology
Computer Engineering Technology
Computer Engineering Technology Cisco (CCNA)
Computer Programming (Software Engineering Technology)
Computer Programming and Analysis
Computer Specialist
Digital Media: Internet Design and Production Option
Electronics Engineering Technology
Help Desk Support
Information Technology Administration
Information Technology Analysis
Information Technology Management
Information Technology Support Specialist
Information Technology Technician
Internet Services Technology
Microcomputer Repairer/Installer
Network Communications (LAN)
Network Communications (WAN)
Network Services Technology
Network System Developer
Simulation and Robotics Technology
Web Development Specialist

Wireless Communications

Automotive Programs

Automotive Collision Repair & Refinishing
Automotive Service Certificate
Automotive Service Management Technology
Automotive Machinist (Performance Engine Technology Specialization)

Construction, Manufacturing & Engineering

Air Conditioning, Refrigeration and Heating Mechanic
Air Conditioning, Refrigeration and Heating Technology
Architectural and Building Design Technology
AutoCAD Foundations (Architectural)
AutoCAD Foundations (Engineering)
Building Construction Technology
Drafting & Design Technology with Computer Aided Design
Interior Design Technology
Manufacturing Technology

Apprenticeships

Electrical Non-Union
Electrical Union
Plumbing Union

Some programs will be held at the ATC as well as other Daytona State College campuses.

Location:

Advanced Technology College
1770 Technology Blvd.
Daytona Beach, FL 32117
(386) 506-4100

College Catalog - Alumni Affairs

Anyone who attended Daytona State College for career preparation, general interest, career change or professional enhancement can remember that first semester when everything seemed new, exciting, stimulating ... and a little bit scary. The Daytona State College Foundation supports and houses the College's Alumni Services to keep alumni connected to Daytona State through communication and involvement. Alumni Services unites, informs and involves alumni to promote and advance Daytona State.

By becoming more involved, you show students of Daytona State what it means to be a successful College graduate. How can you help? The following are examples of the many opportunities:

- Volunteer at a special event or attend a college program or Falcon sporting event.

- Invest in student scholarships, College programs, or new building initiatives to provide additional support to students.

- Become a GRADVISOR - Mentor a student.

- Be a Guest Speaker - Serve as a guest speaker during a class session and share your academic and professional experiences.

You can contact The Daytona State College Foundation to find out how you can serve Daytona State, as well as learn more about Alumni Services at 386-506-3195 or alumni@daytonastate.edu.

Daytona State College offers varsity level programs in men's basketball and baseball; women's basketball, fast-pitch softball and golf; and starting in the 2009-2010 season, men's and women's swimming and diving. Our teams consistently compete at top levels both statewide and nationally.

The College emphasizes the need for athletes to perform well in the classroom as well as in their respective sports, and provides specialized tutoring and mentoring programs to help them achieve academic success. More information can be found on the Web at http://www.daytonastate.edu/athletics/.

Fitness Center

The L. Gale Lemerand Health, Wellness and Community Education Center is located on the Daytona Beach Campus. In addition to being home of the Falcons basketball teams, the center also features one of the most comprehensive fitness training facilities in Florida, including state-of-the-art weight training and aerobic equipment and an Olympic-sized aquatic center. More information can be found on the Web at http://www.daytonastate.edu/fitness_ctr/.

College Catalog - Daytona State College Campus Locations

Advanced Technology College
1770 Technology Blvd., Daytona Beach(Locator Map)

The ATC is located on Williamson Boulevard near LPGA Boulevard in Daytona Beach. The facility includes occupational classrooms and lab areas with brand new, state-of-the-art equipment designed for each specific program. The campus also includes Internet and network connections, science labs, a multi-purpose room, a media center and open computer labs. The two-story classroom area surrounds an enclosed atrium that is the site of exhibits and gatherings. The ATC is designed to serve a wide variety of students. Community college students who seek additional technological training or degrees should apply as well as high school juniors and seniors in Volusia and Flagler counties.

Daytona Beach Campus
1200 West International Speedway Blvd.,Daytona Beach (Locator Map)

The Daytona Beach Campus is the largest of the institution's campuses and houses the College's primary administrative offices. Special features include the all new Mori Hosseini College of Hospitality Management, which also hosts our Southeast Museum of Photography, a branch campus of the Florida State University College of Medicine and a Theater Center which is home to some of the area's finest performing arts productions. It also boasts the new Daytona Advanced Technology Education Center (DATEC) which features state-of-the-art computer stations for the latest training in high-tech careers. Also located on this campus is the Lemerand Center, an outstanding education multiplex; Daytona State 's Public Broadcasting System affiliate; a child care facility serving Daytona State student parents, staff and community members; The University Center at Daytona State, where students can earn a four-year baccalaureate degree in a variety of programs, including Daytona State's Bachelor of Applied Science in Supervision and Management degree.

DeLand Campus
1155 County Road 4139, DeLand (Locator Map)

The DeLand Campus offers college credit courses which meet the general education requirements for the associate of arts degree and some associate of science degree programs as well as various certificate programs. The Bert Fish Building houses up-to-date facilities for dental assisting, dental hygiene, nursing, science labs and a multi-media learning center. Comprehensive student support services include: counseling, Student Disability Services, the Women's Center, career advisement, individual tutoring, a computerized learning/tutoring center and a foreign language laboratory.

Deltona Campus
2351 Providence Boulevard, Deltona (Locator Map)

The Deltona Campus is the result of the College recognizing a lack of access to quality postsecondary education and advanced training in the rapidly growing Deltona area, situated in the midst of the Florida High-Tech Corridor. A variety of Daytona State's business and industry training programs, as well as technology disciplines are housed at the Deltona facility. The first building features 42,000 square feet of space, including classrooms, computer labs, an incubator and administrative offices.

Flagler/Palm Coast Campus
3000 Palm Coast Parkway Southeast, Palm Coast (Locator Map)

The Flagler/Palm Coast Campus offers college credit, college preparatory, adult basic education, general education development (GED) and English for Speakers of Other Languages (ESOL) courses. Students can also take the first year of the two-year Associate Degree Nursing Program and public school teacher certification courses. All general education requirements for the associate of arts degree and many requirements for the associate of science degree programs may be completed here. Facilities include a Nursing laboratory, two science laboratories, an academic support center, two computer laboratories, an amphitheater, and state-of-the-art "smart classrooms".

New Smyrna Beach-Edgewater Campus
940 Tenth Street, New Smyrna Beach (Locator Map)

The New Smyrna Beach-Edgewater Campus offers college credit, college preparatory, continuing education, adult high school, adult basic education, general education development (GED) and English as a Second Language (ESL) courses. All general education requirements for the associate of arts degree and many requirements for associate of science degree programs may be completed at New Smyrna Beach-Edgewater Campus. The campus has expanded its nursing, health occupations, science, computer, engineering, public service and occupational programs. It also has two science laboratories, a nursing laboratory, a learning center and state-of-the-art "smart classrooms."

College Catalog - Daytona State College Foundation

The Daytona State College Foundation is a not-for-profit, Internal Revenue Code 501(c)(3) corporation chartered under Florida Statutes to serve as a direct support organization of the College. It was formed in 1974 and remains exclusively to benefit the educational endeavors of the College. Since its inception, the Foundation has provided financial assistance to students as well as funding for critical needs that are beyond the scope of the College's budget.

The Foundation embraces the concept of the College mission as adopted by the District Board of Trustees. Management of Foundation affairs is vested with a self-perpetuating Board of Directors from the community that the College serves. Directors receive no compensation for their services.

For additional information, please visit the Foundation Web site at http://www.daytonastate.edu/foundation/ or call us at (386) 506-3195.

College Catalog - Division of Economic Development

The Economic Development Division of Daytona State College represents and engages the college with the business and economic development community.

The Office of Economic Development is the lead organization representing the College with local, regional and state economic and workforce development organizations. Local organizations include chambers of commerce, Volusia and Flagler County Departments of Economic Development and Centers for Business Excellence, and organizations such as the Business Development Partnership and the Volusia and Flagler County Associations for Responsible Development (VCARD and FCARD). Regional organizations include www.MyRegion.org and the Florida High Tech Corridor Council. State organizations include Enterprise Florida and the Florida Economic Development Council.

As relevant activities in these organizations are initiated, the College's economic development staff connects and serves as a liaison with the appropriate Daytona State academic or student service departments.

Administratively, the following departments fall under the umbrella of the Division:

The Center for Business & Industry

Today's workers must be flexible, innovative and dedicated. They must adjust quickly to changing market conditions, keep their skills fresh and deliver maximum quality and customer service. The Center for Business & Industry at Daytona State College focuses on meeting the training and development needs of business, industry and government in Volusia and Flagler counties.

The Center offers conferences, seminars, customized training services and technical assistance to better prepare organizations and workers to compete and thrive in emerging global markets. For more information, contact the director at (386) 506-4461 or visit www.thecbi.com.

Community & Professional Education

Community Education offers a variety of personal enrichment classes for all members of the community. Summer camps designed for fun and learning are available for ages 6-16. You will also find adult classes in photography and foreign languages.

Professional and Continuing Education classes also are available for people wanting to obtain their Insurance or Real Estate Licenses or maintain licensure in these or other professions. Some classes are now available on-line.

Classes are affordable and convenient. They are scheduled at various times and locations to give you the greatest possibility to participate.

Community & Professional Education is continually developing new courses. We invite you to let us know topics of particular interest to you that could be offered as a course to our community.

For more information on classes or to be put on our mailing list, please call Community & Professional Education at (386) 506-3858. For the latest class listing, visit us at http://www.thecbi.com.

Small Business Development Center

The Daytona State College Small Business Development Center is a partnership with the University of Central Florida and the US Small Business Administration. The Daytona State College SBDC is a team of certified professionals who are dedicated to providing management advice and training to potential and existing entrepreneurs. The Center's services include individual counseling, training workshops, a business resource center, specialized assistance as well as online classes. For more information please call (386) 506-4723 or visit our website at www.sbdcdaytona.com.

Florida Resource Center

The Florida Resource Center specializes in processes to identify workplace skills requirements, and then to develop curricula to meet these needs. A key methodology used by the Center is the DACUM (Developing a Curriculum) process. The Florida Resource Center performs DACUMS and leads focus groups for Daytona State as well as for other colleges both nationally and internationally.

College Catalog - Educator Preparation Institute

The Educator Preparation Institute (EPI) is designed for people with a bachelor's degree (other than education) who are interested in becoming highly-qualified certified teachers in Florida. EPI is a program approved by the state of Florida that leads to the five-year Professional Educator' s Certificate.

The EPI program is a 21-credit program that consists of seven content courses and two field experiences.

Those who successfully complete the EPI courses, program requirement and all portions of the Florida Teacher Certification Exam (FTCE) are eligible to receive a five-year Professional Educator's Certificate.

1200 W. International Speedway Blvd.
Daytona Beach, FL 32210-2811
Building 150 Room 310
(386) 506-4EPI (4374)
Fax: 386-506-3966

College Catalog - Global Education and Affairs

The Office of Global Education & Affairs (GEA) assists the college in preparing students to successfully compete in the job market, improve their quality of life, and embrace cultural diversity. The GEA seeks to increase global awareness throughout the college, while serving the international needs of the local community. The GEA houses the Office of International Students (OIS), International Projects and the Center for International Business Education (CIBE.)

The Office of International Students (OIS) assists international students in finding housing and host families, dealing with health insurance issues, and assisting in opening bank accounts. The OIS also provides other community information, general advising from academic peer support to student activities, and on-campus student employment information. The OIS is located within the Multicultural and International Resource Center (M.I.R.C) in Building 100, Room 224-R. The office can be reached at (386) 506-3565.

The GEA is responsible for developing international academic exchanges and linkages for the college, assisting in recruiting international students, seeking outside funding for and administering international education (IE) activities at the College, coordinating faculty and staff exchanges, assisting in IE curriculum development activities, and acting as liaison to public and private domestic and international agencies and associations. The office assists faculty and staff in coordinating student study abroad programs. Currently we have a program that takes students to Cambridge in England to study in various subjects and we have a scholarship program that sponsors culinary students to study a semester in Mexico and Canada. In the past, the college has also sponsored study abroad and professional development opportunities in the United Kingdom, India, Greece, Turkey, France, Ireland, Japan, Dominican Republic, the Bahamas and Italy.

Over the past several years the GEA has administered a Workforce Development Project, funded by the US Agency for International Development (USAID) and AACC with the Universidad Regiomontana in Mexico to develop import/export programs and the Tertiary Education Linkage Program, funded by USAID and administered by the United Negro College Fund, as part of a consortium with Bethune-Cookman University and the University of Central Florida with Vista University in South Africa for curriculum development activities. Both of these projects have allowed the college to send faculty, staff and students for an overseas experience.

In addition the office continues (since 2002) its work with the government of the Dominican Republic, the Office of the President, the Secretary of Higher Education, Science and Technology, and a business association there to develop a community college in Eastern Santo Domingo: The Instituto Tecnico Superior Comunitario (The Superior Technical Community Institute). Activities were formally initiated in March 2007 with the signing of a contract with the Dominican government for $1.78 million sponsored by the Inter- American Development Bank (IDB). The groundbreaking ceremonies for the institute took place during the summer of 2006 and classes are expected to begin in early 2010. A similar project was initiated in November 2007 with the signing of a contract with Government of the Bahamas, also sponsored by a $1.01 million IDB contract with the government of the Bahamas to restructure its Bahamas Vocational Technical Institute over a period of three years. That project includes the structuring of the BTVI to more closely reflect a US style community college.

Through GEA efforts, Daytona State College is continuing its participation in the North American Mobility Program for North America (NAMP), in Hospitality Management, Tourism and Culinary Arts. This is the College's 12th year of involvement with NAMP programs, during which more than 12 students have been exchanged with partner schools throughout Canada and Mexico. Additionally, in cooperation with the Center for Business & Industry, various college departments the college's public TV station WDSC and the Tryone/Donegal Partnership in Ireland, the College recently completed its fifth year serving as host to as many as 20 students from Ireland for a 10-week program in TV Production Technology.

The College is entering its third year of participation in the Community College Initiative Program (CCI), funded by the United States Department of State, Bureau of Educational and Cultural Affairs (USDOS/ECA) and administered by Community Colleges for International Development (CCID). By the conclusion of the 2009-10 academic year Daytona State College will have trained 47 students from the nations of Brazil, Indonesia, Pakistan, Turkey, Egypt, Costa Rica, Ghana, Nicaragua, Panama and South Africa in the fields of Hospitality and Tourism Management, Information Technology, Digital Media, Interior Design and Automotive Technology through one year scholarships awarded to participants of this program.

Closely related to the CCI program are the Fellowships in Technical Education, administered by CCID and jointly funded by the United State Department of State, Bureau of Educational and Cultural Affairs (USDOS/ECA) and the US Agency for International Development (USAID) This program brings professors and senior administrators from technical schools in Egypt to Daytona State College where they are introduced to our best practices in an effort to transform these technical schools to more closely reflect the United State's community college system. In 2008-09 we had three faculty in Hospitality and one administrator.

The GEA is housed in the Multicultural and International Resource Center, located in Building 100, room 224. Our offices are in rooms 224 E & C and 226 R & S. The Department's staff can be reached at (386) 506-3141, 506- 3683, 506-3675, or 506-3565.

College Catalog - History of Daytona State College

Daytona State College continues its commitment to progress and support of the communities it serves in Volusia and Flagler counties. The 2009-2010 academic year brings major change to the institution in terms of expansion of facilities and program offerings.

In 1957, the Florida Legislature authorized Daytona Beach Junior College as the state's first comprehensive community college. The College was divided into three divisions: college credit, adult education and the Mary Karl Vocational School. Although one president administered to all divisions, they essentially functioned as separate entities under the Volusia County School System.

Volusia County Community College, also a separate entity under the school system, merged with DBJC in 1965. The 1968 Legislature combined the divisions into a single administrative unit under a District Board of Trustees independent of the county school system. In 1971, the official name of the College was changed from Daytona Beach Junior College to Daytona Beach Community College.

Over the years, the College has evolved from a small campus into an academically superior multi-campus institution providing educational and cultural programs for the citizens of Volusia and Flagler counties. In 2006, the college was authorized to begin offering its first bachelor's degree - the Bachelor of Applied Science in Supervision and Management. Beginning Spring Semester 2009, the college also will begin offering seven specialized bachelor's degrees in Education. In June 2008, institution joined eight other colleges selected to be part of Florida's first state college pilot project. The new Florida College System will ultimately open the door for the state's 28 community colleges to expand their missions and offer affordable workforce-centered baccalaureate degrees

To assure graduates that their diplomas and transcripts reflect their achievement of obtaining a four-year degree, the District Board of Trustees and the state of Florida have approved the college's request for yet another name change - Daytona State College.

The College has fostered a tradition of excellence in academics and service to a growing community. The Daytona State now serves more than 33,000 students annually.

A leader in the area's workforce and economic development initiatives, the College is continually developing new technological means to deliver educational services to the community. Leading the list is the Advanced Technology College (ATC), an innovative educational partnership among the College, Flagler County Schools, Volusia County Schools and the business communities of Volusia and Flagler counties. The ATC offers opportunities for high school students and adult community college students to pursue technology-based fields.

The College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associate of arts, associate of applied science, associate of science, bachelor of applied science, and bachelor of science in education degrees and is approved by the state of Florida. Numerous professional and academic organizations confer special accreditation to various College programs. The College also is a member of the American Association of Community Colleges and an approved institution for higher education for veterans and war orphans.

College Catalog - Daytona State College Mission Statement

Vision

Daytona State College will be the destination of choice for education.

Mission

The mission of Daytona State College is to advance teaching, learning and innovation.

Daytona State College, a comprehensive public college, provides access to a range of flexible programs from community enrichment to the baccalaureate degree, emphasizing student success, embracing excellence and diversity, and fostering innovation to enhance teaching and learning.

Values

Community - The Daytona State College community encompasses our students, faculty, staff and the public we serve. Our community is built upon mutual respect, effective and open communication, and civic responsibility.

Integrity - Daytona State strives for the highest ethical standards in all areas of operation, including the fair and consistent treatment of all members of the Daytona State community. The college fully supports academic freedom and the right of intellectual pursuit.

Excellence - To achieve academic excellence, professionalism, and quality in all the programs and services we offer, Daytona State employs a system of continuous improvement based on assessment, accountability and engagement with the entire community.

Diversity - Diversity of people, thought and expression provides energy and vitality for the learning process. Daytona State celebrates both the originality and distinction of individuals and cultures, while at the same time valuing the common bonds that unite us as a global community.

Innovation - Innovation and creativity are the keys to our growth as an institution, as well as the growth and success of our students. Daytona State prides itself on its ability to adapt to a rapidly changing world, finding positive and creative solutions to the challenges it faces.

Student Success - There is no value more important than the success of our students. Our main goal is to provide students with the skills, knowledge and drive to succeed in the classroom, the workplace and in life. Beyond this success, we hope to instill in our students a lifelong love of learning.

Institutional Goals

To achieve its mission, the College will pursue these goals:

- Serve as an entry point for baccalaureate degrees and advanced levels of employment by offering a variety of two-year associate of arts and associate of science degree programs.
- Offer Bachelor Degrees of Applied Science degree in Supervision and Management and Education for graduates of Associate degree programs.
- Provide preparation and training for immediate employment by offering associate of applied science, vocational-technical certificate and continuing education programs responsive to identified needs of the business community.
- Offer a broad range of adult education courses and programs leading to improved literacy levels, proficiency in English, and a high school diploma/GED as well as preparatory instruction to develop college-level success skills.
- Provide a general education program that uses the context of humanities, social sciences, and natural sciences to develop academic knowledge and skills in reading, writing, critical thinking and mathematics.
- Provide a broad range of administrative, academic and support services that create an environment conducive to teaching, learning and student success.

- Offer enrichment and lifelong learning opportunities for students and the community through cultural, social, civic, wellness and athletic activities.
- Establish partnerships with schools, higher education institutions, business and the public sector designed to promote community and economic development.

College Catalog - Southeast Museum of Photography

Daytona State College is the parent organization of the Southeast Museum of Photography (SMP), one of the largest photography museums in the nation and one of fewer than 13 such museums in the country. SMP presents more than 12 exhibitions annually, organized around such interdisciplinary themes as "Women's Worlds", "Time and Space" and "Behind The News."

SMP is very involved with academic and community programs at our College. Since its opening in April 1992, the Museum has mounted more than 300 exhibitions and produced more than 40 catalogues and publications. Each semester, the Museum presents films, lectures, seminars, workshops, professional classes and talks. The museum's education division produces academic support materials for a wide range of college and high school classes in conjunction with each new series of exhibitions. Public programs feature internationally known photographers, critics, writers and scholars.

The Museum offers Daytona State students extensive opportunities for internships and professional training, as well as paid and volunteer employment. Many of the Museum's former student workers are now employed in museums and galleries around the world. For more information visit the museum Web site www.smponline.org, or call (386) 506-3080.

SMP is located on Daytona State's Daytona Beach Campus, 1200 W. International Speedway Blvd., in the Mori Hosseini Building.

MUSEUM HOURS

Open: Tues., Thurs. and Friday, 11-5. Wednesday, 11-7, Weekends 1-5
June, July and December Hours are Tues. - Sunday, 12-4
Closed: Mondays, July 4, July 31-August 17, December 17-January 11, Daytona 500 Weekend, Thanksgiving Weekend, Daytona State College Spring Break.

College Catalog - The University Center at Daytona State College

At Daytona State College, you get an education with options. Daytona State offers a Bachelor of Applied Science degree in Supervision and Management, as well as Bachelor of Science degrees in Elementary and Exceptional Education.

Through its University Center, the College also partners with many other institutions of higher education to offer students the opportunity to stay close to home and continue their education beyond the associate degree.

Why earn a bachelor's degree?

Earning your bachelor's degree not only opens more opportunities for employment and careers, it also is one of the best ways to boost your income earning potential.

According to the US Census Bureau, people who hold bachelor's degrees earn an average $37,000 a year more than those with only a high school diploma. Nationally, college graduates made an average of $52,200 in 2008, the most recent figures available, compared with $30,400 for adults with a high school diploma. High school dropouts earned an average of $23,400 and those with advanced college degrees made an average of $89,400.

University Center partnerships also provide the opportunity for area citizens to participate in master's and doctoral programs close to home.

Our partner institutions

- The University of Central Florida
- Barry University
- Bethune-Cookman University
- Embry-Riddle Aeronautical University
- Northcentral University
- Capella University
- Nova Southeastern University
- St. Petersburg College
- The University of Phoenix
- The University of Florida
- Webster University

Daytona State also is in partnership with Florida State University, and continues to pursue other partner institutions as opportunities present themselves.

College Catalog - University of Central Florida

Serving Volusia and Flagler counties, UCF Daytona Beach is a state-supported, upper-level campus enrolling junior, senior and graduate students. UCF opened a local facility in 1968, specifically to serve students in East Central Florida who earn associate degrees from Daytona State and transfer students who complete two years (60 semester hours) at other approved public or private colleges and universities.

UCF is a member of the State University System and fully accredited by the Southern Association of Colleges and Schools. In addition to regional accreditation agencies, a number of scientific, academic and professional bodies confer special accreditation to various UCF programs. UCF serves more than 46,000 students throughout Central Florida.

UCF Daytona Beach partners with Daytona State in support of Florida's 2+2 program. With 2+2, you can complete an associate degree at Daytona State, then continue at UCF Daytona Beach for the completion of your bachelor's degree. Whether you are a first-year student or a student ready to enter your junior year, the partnership between Daytona State and UCF makes accredited public education accessible.

Programs at UCF Daytona Beach

UCF has added new program offerings to the Daytona Beach Campus. Students can complete the following undergraduate and graduate degree programs at UCF Daytona Beach.

Undergraduate

- Applied Science
- Business Administration
- Criminal Justice
- Early Childhood Education
- Elementary Education
- Exceptional Student Education
- Interdisciplinary Studies
- Legal Studies
- Nursing
- Photography
- Political Science
- Psychology
- Social Sciences
- Sociology
- Technical Education and Industry Training

Graduate

- Career and Technical Education
- Clinical Psychology
- Criminal Justice
- Educational Leadership
- Health Sciences: Health Services Administration
- Reading Education
- Social Work

College Catalog - Daytona State College Channel 15

Daytona State College Public Broadcasting is a non-commercial, educational television station and PBS affiliate that reaches more than 1.6 million people throughout Volusia, Flagler, Orange and Seminole counties. As a department of Daytona State, its state-of the-art digital television facility and production staff are the heart of a two-year degree program in Digital Television and Media Production. The program is the only one of its kind in Florida where students get real-world production training in a demanding, professional setting from the day they attend their first session.

In addition to quality programming from PBS and other regional program providers, Channel 15 offers a variety of locally produced programs intended to inform, educate and entertain viewers, and put Central Floridians in the spotlight. Daytona State College Public Broadcasting is one of only 10 public television stations licensed to a community college in the country.

On June 11, 2003, Daytona State College Public Broadcasting complied with the FCC (Federal Communications Commission) mandate to begin broadcasting digitally. In October 2003, the station completed its digital construction and installation and subsequently began delivering four separate streams of programming to viewers with digital television sets throughout a Central Florida nine-county span. Coverage now expands to Brevard, Osceola, Lake, Sumter and Indian River counties.

The current four streams of programming are:

1. a replication of Daytona State College Public Broadcasting's current analog channel;
2. The Daytona State Education Channel;
3. The Florida Knowledge Network, which comprises programming for the K-12 audience and
4. The Florida Channel, which provides coverage of the Florida Legislature.

A committee of 35 college employees, representative of all disciplines and aspects of the college, is currently working to analyze the best uses for the Daytona State channel. As a result of the initial research, the group has determined that there is a wealth of opportunities for using the channel to benefit the college. Exploration into college marketing, curriculum development and/or expansion of our presence with business and community partners in the new coverage area is currently under way. With 80 percent of households expected to be converted to digital technology by 2008, the group will be experimenting and exploring all of the options in preparation for complete rollout between now and 2009.

Students and volunteers are an essential part of the Daytona State College Public Broadcasting production team. Throughout the year, college staff and students may also get involved by volunteering their time during a special event, pledge drive or other local production. Assignments range from running a camera, to assisting with mailings, to serving as a tour guide. For more information, contact Bruce E. Dunn, associate vice president and general manager, at (386) 506-4576.

Enrollment Services

College Catalog - Admission, Academic Advising, and Registration

In addition to the Associate of Arts/University Transfer degree, Daytona State offers more than 100 associate of science degrees and certificates, as well as the Bachelor of Applied Science degree in Supervision and Management and a Bachelor of Science in Education (5 different subject areas). Daytona State College features small class sizes, personal attention from expert faculty, six campus locations and convenient, flexible class schedules that can fit your busy lifestyle. Academic Advising is here to assist and guide you from your first semeste through graduation.

You will first meet with an Admissions Advisor and then an Academic Advisor after you have been admitted to the College and have taken a placement test. (Some students with qualifying SAT/ACT test scores or transfer credits will not need to be tested.)

Academic Advising

Academic Advising is an important part of getting started and staying on the right path as you move closer to your educational, career and personal goals. Advising provides you with specific details about your courses, programs and policies that affect you.

Professional Academic Advisors are available on each campus to:

· discuss your educational goals and the programs and courses available to help you meet those goals

· help you understand the College's rules, regulations and policies

· help you find information on transfer programs and how to best prepare to meet transfer requirements.

First Semester Advising
Each new student is required to meet with an Academic Advisor to get placement test results. During that meeting, you will have the opportunity to discuss placement requirements, required course work and policies governing allowable first-semester courses and program requirements. You are encouraged to meet with an Academic Advisor early and become familiar with registration dates and the academic calendar. You are responsible for selecting your course meeting days and times and to register for your courses via web registration or in the Falcon Center on the campus of your choice. More specific descriptions about services, contacting the department and information about the staff are available under Academic Advising at http://www.daytonastate.edu.

Continuing Student Advising

Both Professional Academic Advisors and Faculty Academic Advisors are available to advise you during continuing semesters.

· If you are enrolling in an A.S., A.A.S., or Certificate program, you will be assigned to a faculty academic advisor during your first semester of coursework. The faculty advisor teaches in your program of study and can provide you with extensive background knowledge about program requirements for your major.

· If you are enrolled in developmental classes, you will be assigned an academic advisor to ensure you have someone to turn to for help if you need it. In addition, prior to registration for the next term an "Advising Hold" will be placed on your record if you are in developmental classes. All you must do to get this removed is see your advisor. National advising data shows that students in developmental classes are more successful when they have someone at the college they feel they can turn to for help. This hold enables your advisor to make contact with you and be sure you are getting the help you need to be successful.

· If you are enrolled in an A.A. degree program, you can see either a Professional Academic Advisor or a Faculty Academic Advisor. Either advisor can provide you with information about how to meet degree requirements and offer referrals for how to learn more about transfer information and requirements.

You are encouraged to contact an advisor each semester. You can find out who your advisor is and how to contact him/her using Online Services and selecting Your Student Information. If there is no advisor listed, you can either visit the Academic Advising Center located in Bldg. 100 on the Daytona Beach Campus or talk to a faculty member in your major.

You will receive email notifications throughout the semester regarding advising information. We encourage you to check your free Falconmail email account often.

College Catalog - Academic Standards of Progress

Standards of Academic Progress have been established to help students stay on track and maintain a satisfactory GPA for graduation. The Records Office administers the policy by tracking student progress and notifying the students and their respective departments of the student's status.

All courses on the transcript will be evaluated, except for Developmental courses. For associate and bachelor's degree candidates, academic progress will be monitored once a year at the end of the spring semester, except for those on probation who have their progress monitored each semester. For certificate candidates, academic progress will be monitored at the end of each fall and spring semester.

To remain in good standing and be making satisfactory academic progress, a student must meet the following criteria:

Associate Degree Students: Progress monitored at the end of each spring term.

Earned Credits	Minimum CGPA
0-29	1.7
30-59	1.9
60+	2.0

Bachelor's Degree Students: Progress monitored at the end of each spring term.

Earned Credits	Minimum CGPA
Less than 89	1.7
90-119	1.9
120+	2.0

Certificate Students: Progress monitored at the end of each semester.

Earned Credits	Minimum CGPA
0-15	1.7
16-23	1.9
24+	2.0

Good Standing

Students are considered to be "in good standing" if they have met or exceeded these criteria.

Warning

When students fail to meet these minimum standards, they will be put on "warning" for the following year/semester. Students on warning will be advised to see an Academic Advisor, who will recommend that the student take advantage of our many support services, including the Academic Support Center, to help improve their performance and fulfill their academic goals.

Students will be taken off warning" if they have returned to good standing by bringing their CGPA's up to an acceptable level. Students will continue for a second year/semester on warning if they have successfully completed all courses attempted with a 2.0 GPA during the warning period, but have not yet brought their overall CGPA's up to the required minimum. Students will be placed on probation for the next semester if they have not returned to good standing and have not successfully completed all courses earning a 2.0 for the year/semester while on warning.

Probation

When put on probation the student will be monitored every semester and will be required to consult with an Academic Advisor to develop a mandatory prescriptive program each semester. This program may require the student to take a 50 percent reduction in course load from prior semesters, to repeat certain courses, or to take advantage of student support services such as those offered in the Academic Support Center.

Students will be taken off probation if they have returned to good standing by bringing their CGPA's up to an acceptable level at the end of the semester. Students will continue for a second semester on probation if they have successfully completed all courses and earned a 2.0 during the probation period but have not yet brought their overall CGPA's up to the required minimum. Students will be placed on "Suspension" for the next semester if they have not returned to good standing and have not successfully completed all courses earning a 2.0 for the semester on probation.

Suspension

Students placed on suspension will be required to stop enrollment for one major semester. They will be allowed to appeal a suspension based upon extraordinary, one-time events during their probationary semester that should not affect academic success in the future. Performance in developmental courses can be considered as part of the appeal process.

If a suspended student wishes to return, he/she may submit an appeal to the Records Office requesting reinstatement to the Records. The appeal should explain what factors prevented the student from succeeding earlier and how those factors will no longer interfere with the student's progress. If the appeal is granted, the student also is required to meet with the advisor who initially approved the student's probation status to review and once again develop a prescriptive program before the student is allowed to register. The returning student will still be on probation and his/her status will be reviewed again at the end of the semester.

College Catalog - Application Dates

Admission to Daytona State College may be granted during any semester; however, specific programs may restrict entry to certain times. Applications are processed year round. Due to limited space in some classes and programs, we strongly encourage you to complete the admission process as soon as possible. Registration begins in April for fall semester classes; November for spring semester classes; and March for summer classes. International students should contact the Admissions Office at least three to six months in advance of their initial enrollment.

College Catalog - Assessment Services

Assessment Services provides information, registration and administration of a wide range of tests, as well as the Assessment of Prior Learning Experience (APLE) program. Please note that assessment is mandatory for first-semester students. Students can register for and take the following assessments at Daytona State College:

- Daytona State placement tests - CPT, TABE, CASAS, MAPP
- Daytona State entrance exams - CJBAT, TEAS
- CLAST (College Level Academic Skills Test)
- APLE (Assessment of Prior Learning Experience) exams
- CLEP (College Level Exam Program) exams
- FCAT (Florida Comprehensive Assessment Test)
- Certification Exams - IT-VUE, MSSC
- GED (General Education Development) exam

College Catalog - Dual Enrollment

Dual Enrollment is an acceleration mechanism that provides students attending a Florida public or private high school, or who are enrolled in a home school program, an option to simultaneously earn college credit toward the Associate of Arts degree, Associate of Applied Science degree, Associate of Science degree or Vocational Credit toward a certificate program while meeting the requirements for a high school diploma. Students are exempt from the payment of registration, tuition and laboratory fees while they are dual enrolled.

Students must meet eligibility criteria to participate in Dual Enrollment. This includes:

- Required minimum high school GPA as specified in Florida Statute (1007.271 F.S.);
- Completing the required assessment tests (CPT, SAT/ACT, or TABE);
- Adherence to all College policies and procedures (including registration deadlines), with the understanding that course work will appear on a Daytona State College official transcript and will be counted toward college level programs, GPA and transfer. It is the student's responsibility to withdraw if necessary by the published deadline.

Public and private high school students interested in participating in Dual Enrollment should first contact their guidance counselor at their respective high school. After verification of eligibility, the student brings the Dual Enrollment Approval Form received from the high school counselor to the College Admissions Office.

Home schooled students begin the process at the College Admissions Office.

College Catalog - Enrollment Process Checklist

For all associate degrees and certificate programs

Follow these steps in the sequence provided to ensure the best possible service:

1. Submit an Admission Application - Applications are available online at http://www.daytonastate.edu. Daytona State College requires final official copies of your high school transcripts, indicating the completion of a standard high school diploma, or GED scores and, if applicable, final official college transcripts from all educational institutions you have previously attended. Transcript request cards are available at all Daytona State campuses. Home school students are required to submit official transcripts and complete a home school verification statement.

2. Complete a Financial Aid Application - Financial Aid is available to meet educational expenses for eligible students enrolled in qualified programs. This aid is provided through the federal government, state government, directly from Daytona State College or through private sources, and may consist of grants, scholarships, loans or work. You may complete the FAFSA online at http://www.fafsa.ed.gov/. If you need Financial Aid, you should contact that office at least six weeks prior to registering for classes. If you need more information about the cost of attending or where to look for scholarship money, you may contact the Office of Student Financial Services at (386) 506-3013.

3. Complete Placement Requirements - Fulfill your placement requirements by taking the CPT for degree programs and TABE for certificate programs. If you have previous course work or have taken the SAT /ACT/AP, make sure to submit official copies to the Admissions Office and bring an unofficial copy with you to Academic Advising.

4. Meet with an Academic Advisor - Talk with an academic advisor to interpret your placement test scores and discuss program requirements. We recommend talking with an advisor prior to registering for the first time. Students are also encouraged to register with Career Services at this time.

5. Complete Online Orientation - Complete the Orientation requirement via the convenient online version at http://www.daytonastate.edu - under FalconNet Online Services (requires College ID # and College PIN number).

6. Complete Online Registration - Search for your classes by using the Search Courses link at http://www.daytonastate.edu. You have the option of registering online - under FalconNet Online Services (requires College ID # and College PIN number) - or registering on campus at the Falcon Center. Remember to print your Schedule and Fee Statement to review your bill due date after registering.

7. Pay for Classes - Pay for your classes either in person or online. REMEMBER - you are not officially registered until you have paid in full. You have the option of paying online - under FalconNet Online Services (requires College ID # and College PIN number).

8. Obtain Your Student I.D. and Parking Decal - Check the Campus Safety pages for information on how to obtain a student I.D. and a parking decal.

Bachelor of Applied Science Enrollment Checklist

This enrollment checklist is specific to the School of Baccalaureate Studies (BAS) program. Please note that admission to the BAS program requires permission of the Vice President of the College of Baccalaureate Studies and Management Programs. BAS program staff and faculty take pride in our student focus. We strive to develop a relationship with all BAS program majors, through face-to-face advising, counseling and social activities.

1. Submit an Admission Application - Submit your BAS Admissions Application prior to your appointment with the BAS counselor. You may submit an application online. If you are not a Daytona State College graduate, please submit final official college transcripts from all educational institutions previously attended for review. Transcript request cards are available at all Daytona State campuses. Admission decisions are made on a year round basis.

2. Meet with a BAS Counselor - Make an appointment with a BAS counselor to discuss your specific educational situation, program requirements, your goals and course selection. You also are encouraged to register with Career Services at this time. Appointment times are available throughout the week. Call (386) 506-4227 or email basinfo@DaytonaState.edu to schedule an appointment.

3. Complete a Financial Aid Application - Financial aid is available to meet educational expenses for eligible students enrolled in qualified programs. This aid is provided through the federal government, state government, directly from Daytona State College or

through private sources, and may consist of grants, scholarships, loans or work. You may complete the FAFSA online at http://www.fafsa.ed.gov/. If you need Financial Aid, you should contact that office at least six weeks prior to registering for classes. I you need more information about the cost of attending or where to look for scholarship money, contact the Office of Student Financial Services at (386) 506-3013.

4. Set up Your FalconMail Account - Once admitted, you may set up your free FalconMail account. The Dean and BAS instructors use FalconMail exclusively to ensure you receive important information regarding registration, class updates and more.

5. Complete Online Orientation - All new and readmitted students are required to complete the online Daytona State College Orientation program.

6. Pay for Classes - Pay for your classes either in person or online. REMEMBER - you are not officially registered until you have paid in full. You may pay in person or online - under FalconNet Online Services (requires College ID # and College PIN number).

7. Obtain Student I.D. and Parking Decal - Check the Campus Safety pages for information on how to obtain a student I.D. and a parking decal.

8. Attend BAS Orientation - The Vice President conducts an in-person student orientation near the beginning of each term. Check the student orientation page for details.

College Catalog - Enrollment Terminology

Daytona State offers college and vocational credit courses as well as college preparatory courses. Students may attend full-time or part-time for a specific semester.

- **College Credit** - Courses that typically lead to a bachelor of applied science or bachelor of science in education, associate of arts, associate of applied science, associate of science degree or college credit certificate, and may transfer to other regionally accredited institutions.

- **Vocational Credit** - Courses that typically lead to a certificate of completion and often do not transfer to other postsecondary institutions.

- **College Preparatory Courses** - Offered in both college and vocational credit. Courses are designed to help students achieve a specific skill level. Credits earned in preparatory courses will not transfer and are not calculated in a student's grade point average (GPA). Students may not audit a preparatory class.

- **Audit** - Students who do not want to earn college credit for a course or have taken the course before and received a grade of "C" or better may audit a course. College preparatory courses may not be audited. All requisites apply when auditing a course.

- **Semester Hours** - The number of credits assigned to a specific course. The number of hours per week of class varies with the mode of instruction.

- **Semester** - A 15 or 16-week (also two seven-week sub sessions) period during the fall and spring when classes are in session. Multiple summer sessions are offered starting at various times.

- **Full-Time Status** - A student enrolled in 12 or more credit hours during any semester. A student may combine hours for all sub-sessions within the semester to establish full-time status.

- **Three-Quarter-Time Status** - A student enrolled in nine to 11 credit hours during a semester. A student may combine hours for all sub-sessions within the semester to establish half-time status.

- **Half-Time Status** - A student enrolled in six to eight credit hours during a semester. A student may combine hours for all sub-sessions within the semester to establish half-time status.

- **Less Than Half-Time Status** - A student enrolled in less than six credit hours during a semester.

College Catalog - Fees

There is no charge to apply for admission to Daytona State College, except for international students who are assessed a $50 non-refundable application fee. The College does charge a one-time, non-refundable $20 assessment fee to all students, including international students, at the time of initial enrollment.

College Catalog - Florida Residency for Tuition Purposes

Daytona State's fees and tuition are based upon your status as a legal permanent Florida resident. Daytona State is required to follow the Florida state guidelines regarding residency for tuition purposes. A student qualifies as a Florida resident for tuition purposes - or if a dependent child, his/her parent(s) - if the student has established and maintained a legal residence in the state of Florida for at least 12 consecutive months immediately prior to the first day of classes. The applicant must state that his/her length of residence, or if a dependent child, his/her parent(s) length of residence, was for the purpose of maintaining a bona fide domicile and not for the purpose of maintaining a temporary residence incident to enrollment. A dependent child whose parents are divorced or separated may qualify as a resident for tuition purposes if either parent is a legal resident of Florida regardless of which parent claims the child as a dependent for federal income tax purposes. A dependent child living with an adult relative other than his/her parent(s) may qualify as a Florida resident for tuition purposes if the adult relative has maintained a legal residence in the state of Florida for 12 consecutive months prior to the first day of classes and the dependent child has lived with the relative for five years immediately preceding residency classification and has been claimed by that relative as a "dependent" under the Federal Income Tax Codes.

The following categories will be considered as Florida residents for tuition purposes:

- Active duty members of the armed forces stationed in Florida, or whose home of record is in Florida, and their dependents
- Full-time instructional and administrative personnel employed by a public educational institution and their dependents
- Qualified beneficiaries under the Florida Pre-Paid Postsecondary Expense Program
- Eligible non-immigrant categories: A, E, G, H-1, H-4, I, K, L, N, 0-1, O-3, R, and NATO I-7
- Others as permitted by state statute or rule.

The documentation necessary to verify residency may be different for "dependent" and "independent" students. Dependent students normally use their parent/legal guardian's documentation for residency; whereas, independent students use their own documentation. For dependent students, the "claimant" is the parent/legal guardian; for independent students, the student is the "claimant." For more information regarding dependency, please see an Admissions Advisor.

A student will be granted Florida residency for tuition purposes when the claimant has a Florida permanent legal address and provides written or electronic verification that he or she has been issued two of the following three Tier 1 Florida documents that are dated at least 12 months prior to the first day of classes of the term for which the student is enrolling:

- A voter's registration
- A driver's license
- A vehicle registration

Documentation:

If the claimant cannot provide two of the three items mentioned above, Florida residency may still be verified if at least two documents, one from Tier 1 and one from Tier 2 are provided.

Tier 1, in addition to the three above:

- Proof of purchase of a permanent home in Florida that is occupied as a primary residence of the claimant
- Transcripts from a Florida high school for multiple years (if Florida high school diploma or GED was earned within last 12 months)
- Proof of permanent full-time employment in Florida (one or more jobs for at least 30 hours per week for a 12-month period)
- Benefit histories from Florida agencies or public assistance programs
- Declaration of domicile in Florida (12 months from the date the document was sworn and subscribed as noted by the Clerk of Circuit Court)

Tier 2 (may be used in conjunction with one document from Tier 1):

- Documents evidencing family ties in Florida

- Any other documentation that supports the student's request for resident status

Examples of "other" documentation:

- Utility bills and proof of 12 consecutive months of payments
- Lease agreement and proof of 12 consecutive months of payments
- State or court documents evidencing legal ties to Florida
- A Florida professional or occupational license, or Florida incorporation
- Proof of membership in a Florida-based charitable or professional organization

Unacceptable documentation includes a hunting/fishing license, a library card, a shopping club/rental card and a birth certificate/passport.

Any student who seeks reclassification as a Florida resident must complete and submit the Residency Affidavit. Continuous full-time enrollment at Daytona State College or any college during your qualifying period may make you ineligible for reclassification for in-state tuition. Please consult with an Admissions Advisor for possible exceptions. All residency reclassification documentation must be submitted no later than the first day of classes for the term in which reclassification is sought. Any question about this procedure or filing an appeal should be directed to the Admissions Office on the Daytona Beach Campus at (386) 506-3059.

College Catalog - Full Cost of Instruction Policy

The following information applies to courses attempted at Daytona State College only. Courses completed at another institution and transferred to Daytona State are not impacted by the following rules.

Maximum attempts for full cost of instruction in each course:

Students are permitted to enroll in the same course a maximum of three times. Students will be assessed 100 percent of the full cost of instruction (the out-of-state tuition rate) on the third attempt unless the College grants a one-time exception to the student due to extenuating circumstances or financial hardship. Students are permitted to appeal to take a course a fourth time if the student withdrew due to major extenuating circumstances during the third attempt. Students will be assessed the full cost of instruction on the fourth attempt. There are no appeals to reduce the full cost assessment on the fourth attempt. All grades from the third and subsequent attempts will be calculated in the student's grade point average. A fifth attempt is not allowed under any circumstances.

Application forms for an appeal are available at the Question & Answer Center on any Daytona State campus, online at the Registration Web site, or from the Enrollment Services staff on any campus. The full cost assessment is the equivalent of the non-resident fee for courses. Additional fee information is available in the Financial Information section of this catalog under the Tuition, Fees and Refunds heading.

Grade forgiveness policies:

Grade forgiveness applies when students repeat the same course in which they earned a "D" or "F" grade. The earned grade from the most recent attempt will be used in the calculation of GPA. (A subsequent "W" grade will not replace an earned grade.) Students may not repeat the same course to improve a "C" grade or better. However, the college will allow a student who returns to Daytona State, or transfers to Daytona State after an extended period of time has elapsed since they had completed a college preparatory class to repeat that class under certain circumstances. The College has established an appeal process that allows students to retake a college preparatory class completed successfully, if their absence from college has been two years or more, and the student retests into the developmental course level. In such cases, students are offered the choice of repeating or moving forward with the understanding that financial aid will not be awarded for a repeated course.

Course Repeats:

Students are not permitted to repeat courses in which a grade of "C" or better was earned. This includes a grade of "C" or better transferred in from another institution.

Students may repeat a course for grade forgiveness twice. Upon the third attempt in the same course, the grade earned is a final grade and cannot be forgiven. Students should understand that other institutions may not honor Daytona State's grade forgiveness policy. As a result, students' grade point averages may change when they transfer to another institution. In addition, repeating courses to improve grades may impact a student's financial aid award. Students receiving financial aid should contact the Financial Aid Office prior to repeating any courses. Courses that are designed as "repeatable courses" in the Course Descriptions area of the College catalog may be repeated and are not subject to the forgiveness policy.

Withdrawal Policy:

Students may withdraw from a course anytime prior to the final withdrawal date. Students are responsible for the completion of the formal withdrawal process. The withdrawal dates are published in the College calendar. Students who remain enrolled in courses after the final withdrawal date will be assigned a final grade for the course from the faculty. Students are permitted a maximum of two withdrawals in the same course. Upon the third attempt in the same course, a student will not be permitted to withdraw and will be assigned a final grade other than "W" (withdrawal). Students who drop any course during the schedule adjustment period or who enroll in a course as an audit student are not impacted by this policy.

Academic Second Chance Policy

The Second Chance Program does not apply to courses taken once a Certificate or a degree (associate or bachelor's) has been earned. The program will only apply to additional courses taken toward a subsequent degree. The Academic Second Chance Program can only be used once in a lifetime.

A. Academic Second Chance Policy – Daytona State College Returning Students

The Academic Second Chance Program allows former students of Daytona State College who return to college after a three calendar year break in higher education enrollment to have coursework with a grade of "F" be excluded from Daytona State College GPA calculations once their appeal is approved.

Requirements:

- Return to Daytona State after a minimum of a three-year break in higher education enrollment
- Complete 12 credits, completing all courses attempted (college preparatory courses are not counted)
- Earn a "C" or higher in all courses attempted
- Submit a petition to the Records Office for review. (If a student petitions after completing more than 12 credits, all credits attempted must have been completed with a 2.0 GPA to be considered for amnesty.)

Students who are repeating courses that had a prior grade of "F" will still use the current grade forgiveness policy that uses the most recent grade when calculating GPA.

If a student has earned a certificate and subsequently takes additional courses toward an associate degree, only the new courses taken would be applicable to this policy. The same applies to students who return for a second associate degree.

Grades for courses that qualify for this amnesty program will be changed to "AM" to indicate the amnesty was applied. The following statement will be added to the student's transcript when the petition is approved: "Academic Second Chance Policy has been applied." The transcript legend will indicate the "AM" grade replaced an "F" grade.

All courses remain on the transcript. Students planning to transfer to another college or university will be cautioned that the receiving institution may use all original grades earned when computing a GPA for admissions eligibility or for other purposes.

This Academic Second Chance Policy can only be used once in a lifetime. Courses that receive amnesty will still count for the Financial Aid Satisfactory Progress Policy with regard to attempted/earned credits. Academic Second Chance has no effect on the student's financial aid award history. It also has no effect on the calculation of course attempts related to the multiple course attempts surcharge.

B. Academic Second Chance Policy – Daytona State College Current Students

Many times students are unsure of their career goals, or may attempt courses and programs not suited to their academic skills. For students who are successful after a career/program change, the Academic Second Chance Policy permits a student to select up to three grades of "F" earned at previously Daytona State for amnesty (not to be used in the GPA calculation) for courses required (not electives) in the prior major, provided the student has earned 30 credits with a 2.0 GPA toward a major that does not have the three "amnesty" courses as a degree requirement.

For example

- AA students changing to AS where the amnesty courses are not required in the new program
- AS students changing to AA where the amnesty courses are not required in the new program
- AS students changing to another AS where the courses are not required in the new program.

If a student has earned a certificate and subsequently takes additional courses toward an associate degree, only the new courses taken would be applicable to this policy. The same applies for a student who returns for a second associate degree. This Academic Second Chance Policy can only be used once in a lifetime. Courses that receive amnesty will still count for the Financial Aid Satisfactory Progress policy with regard to attempted/earned credits.

Grades for courses that qualify for this amnesty program will be changed to "AM" to indicate the amnesty was applied. The following statement will be added to the student's transcript when the petition is approved: "Academic Second Chance Policy has been applied." The transcript legend will indicate the "AM" grade replaced an "F" grade.

All courses remain on the transcript. Students planning to transfer to another college or university are cautioned that the receiving institution may use all original grades earned when computing a GPA for admissions eligibility or for other purposes.

C. Academic Second Chance Policy – Daytona State College Transfer Students

Effective with the fall 2009 semester, the Academic Second Chance Policy for Transfer Students will cease to transfer in grades of "F" and "W" onto the Daytona State College transcript. This policy does not apply to students who were enrolled at the college prior to fall 2009.

The college will continue to require the receipt of all prior college transcripts, even if no credits are to be awarded in transfer.

Student Caution:

Students must clearly understand that other colleges may not use the Daytona State College GPA for transfer purposes if any type of grade amnesty has been applied.

College Catalog - General Admission Requirements

Admission Requirements for Associate Degrees and Certificate Programs:

Daytona State College has an open-door policy, which gives all students the opportunity to pursue an education beyond high school. Admission to the College is granted to applicants who have a Florida standard high school diploma, a GED diploma or to home school graduates. Applicants from private schools and high schools from states other than Florida will be considered in accordance with current state statute if their diploma is recognized as equivalent to a Florida standard high school diploma. Applications are accepted year-round.

For any questions regarding admission to the College, please call (386) 506-3059. Admissions applications are available online at www.daytonastate.edu.

Students with a Certificate of Completion or Special Diploma, or without a high school diploma may be admitted to the following certificate programs:

Air Conditioning, Refrigeration and Heating Mechanic *
Air Conditioning, Refrigeration and Heating Technology *
Automotive Collision Repair and Refinishing *
Automotive Service Certificate *
Automotive Machinist (Performance Engine Technology Specialization) *
Building Construction Technology *
Cosmetology *
Help Desk Support Specialist
Nails Specialty
Nurse Aide and Orderly
Patient Care Assistant
Welding Technology (Applied) *

* ATB - Ability to Benefit programs are programs that do not require a standard high school diploma but do require that you achieve a minimum score to meet Financial Aid guidelines and minimum scores to meet program eligibility.

Students with a Certificate of Completion-CPT Eligible can pursue any available degree offering with the exception of limited access programs. If you desire to apply for Financial Aid, you are required to take the Ability to Benefit test and meet minimum score requirements for aid consideration.

Admission Requirements for the Bachelor of Applied Science in Supervision and Management Program:

Applications are accepted year-round and students may start the program during any semester of the academic year. There is no application fee. Admission to the Bachelor of Applied Science (BAS) in Supervision and Management program is open to all applicants who meet the admission requirements.

1. Applicants must complete an application to the BAS in Supervision and Management program. Applications are available in the admissions office, the program office and online at www.daytonastate.edu/admissions/index.html.
2. Applicants for the BAS program must have earned an associate degree. Students with an Associate of Arts (AA) degree may be admitted to the program with the approval of the Chair of the BAS program. Those with AA degrees who have completed all core general education credits are required to complete 18 credits in an occupational/technical area, e.g., accounting technology, computer science, business, etc. (i.e., 60 AA credits plus 18 occupational/technical credits) in place of the additional general education core credits required of the AS/AAS graduate.
3. Applicants must have at least 60 college credit hours, including a minimum of 15 credit hours of transferable general education courses. Applicants must have received a grade of "C" or better in all core general education courses that transfer into the BAS program, and must have earned an overall grade point average of 2.0 in the associate degree program courses.

Admission Requirements for the Bachelor of Science in Education Program:

1. Applicants must complete an application to the BS Education program. Applications are available in the admissions office, the program office, and online at www.daytonastate.edu/admissions/index.html.
2. Applicants must have completed an associate of arts degree from a regionally accredited institution with a minimum cumulative GPA of 2.5.
3. Completion of the common Education course prerequisites (EDF1005, EDG2701 and EME2040) with a grade of "C" or higher.
4. Passing score on the state General Knowledge Test for Teachers (all four sections).
5. Certification clearance from the FDLE/FBI fingerprint process from either (or both)Volusia or Flagler counties.
6. Students concentrating in Secondary Mathematics or any Secondary Science must complete the subject area specialization core courses with a grade of "C" or higher. (Specific information available in Academic Advising.)
    o Secondary Biology Education
        ▪ Biology with Lab AND
        ▪ Science Elective AND
        ▪ Physics with Lab or Chemistry with Lab
    o Secondary Earth/Space Science Education
        ▪ Geology with Lab AND
        ▪ Oceanography AND
        ▪ Biology with Lab, or Chemistry with Lab, or Physics with Lab
    o Secondary Mathematics Education
        ▪ MACX311 AND
        ▪ Calculus & Analytic Geometry II AND
        ▪ Math Elective AND
        ▪ Computer Programming Language

Admission Requirements for Adult Education:

Daytona State College offers the following programs under its Adult Education department:

Adult Basic Education (ABE) & Adult High School
English as a Second Language (ESL)
General Education Development (GED)

Adult Education applicants must be 16 years of age. Applications are accepted year round at all Daytona State College campuses. Additional documentation required may include:

- Picture identification from Florida State Department of Motor Vehicles or Student ID
- Official transcripts from last high school attended (For Adult High School only.)
- For students under 18:
    o Official withdrawal form (Volusia County only)
    o GED consent form
    o Parent signature

For additional information, please call (386) 506-3059.

- Grades are posted to the student record at the end of each semester.
- A Grade Point Average (GPA) is calculated for each semester based on the number of hours attempted per course and the grade point value associated with the letter grade.

Example:

Course	Credit	Grade	Grade Points
English	3	A	4.0(x3) = 12.0
Math	3	B+	3.5(x3) = 10.5
Speech	3	F	0.0(x3) = 00.0
Psychology	3	C	2.0(x3) = 06.0
History	3	D	1.0(X3) = 03.0

Total Credits: 15
Total Grade Points: 31.5
Divide 31.5 (grade points) by 15 (credits) = 2.1 GPA

- Letter grades used to calculate GPA:

Grade		Definition	Grade Point Value
A	=	Excellent	4.0
B+	=	Very Good	3.5
B	=	Good	3.0
C+	=	High Average	2.5
C	=	Average	2.0
D+	=	Below Average	1.5
D	=	Poor	1.0
F	=	Failure	0.0

The college does not define a numerical score that equates to each grade. The determination of which grade the student has earned is left to the discretion of each instructor.

- Grades not used to calculate GPA:

"I"- Incomplete - A temporary grade issued only when a student who is passing the course but who, for valid and unforeseen reasons, is not able to complete the course requirements within the semester. Student agrees to complete the requirements before the middle of the next majo semester. "I" grades automatically convert to "F" grades if the requirements are not met and the appropriate grade change is not submitted by the deadline as published in the College catalog.

"IP" - In Progress - The class is currently in session and has not ended.

"W" - Withdrawal - Grade issued when a student officially withdraws from a class.

Students who no longer want to attend class:

1. Must withdraw by the deadline for the semester (published in the academic calendar).
2. May initiate the withdrawal process at the Registration Office at any Daytona State College campus by presenting a picture identification.
3. Students with extenuating circumstances (ie: hospitalized, out of town, etc.) may withdraw by mail provided the request is postmarked by the deadline and contains an original signature of the student.

4. Students are permitted a maximum of two withdrawals per course. Upon the third attempt, students will not be permitted to withdraw and will receive a grade other than "W" for that course.

"SP" - Satisfactory Progress - Issued only for college preparatory courses and/or vocational courses when a student completes all course work but has not mastered the skill associated with the course. Example: A typing course requires the minimum skill of 45 words per minute and the student only masters 40 words per minute. No credit is awarded. Student must register and repeat the course.

"NR" - No Grade Submitted - The Records Office issues this grade when an instructor has not submitted a grade.

"X" - Audit - Issued when a student does not want credit for a particular course and officially audits the course by the deadline for the semester (published in the academic calendar).

"CR" - Credit Only - Issued for alternate methods of earning credit such as Advance Placement, IB, etc.

"NC" - No Credit - Issued for zero credit courses.

"CN" - Continuing Credit - Issued for open exit courses that cross semesters.

College Catalog - International Students

Daytona State College welcomes international students. The Admissions Office should be contacted three to six months prior to your anticipated enrollment so you can obtain an international student admissions packet. The packet contains the required information for admission to Daytona State and should be submitted at least 90 days before the start of each term. Any application submitted less than 30 days prior to the start of a term will be deferred to the following term.

The following official records are required to support your application for admission to Daytona State College:

- Completed Daytona State College International Student Admission Application, downloadable at www.daytonastate.edu/admissions/int_admissions.html, including a $50 non-refundable application fee

- A letter of support or financial guarantee from a sponsoring person or agency and official verification of funds from a financial institution

- Official copy of the Test of English as a Foreign Language (TOEFL). A minimum of 173 (computerized) or 61 (Internet based) is required for admission to Daytona State College. (Scores are valid for two years and must be sent directly from ETS. School code: 5159)

- Official high school transcripts or secondary school records. Evaluation from a NACES recognized evaluation service is required

- Official transcripts from other U.S. colleges or universities previously attended. If you are transferring from a U.S. institution, an International Student Clearance form is required. This form must be completed by the institution from which you are transferring. You may not complete the form yourself.

- Official transcripts from foreign colleges/universities previously attended. A NACES recognized evaluation service must complete a course-by-course evaluation of these transcripts. Also, submit translated syllabi for all courses you wish to have considered for transfer. Additional documentation may also be required. Please contact the Records Office for more information.

- Proof of health and accident insurance coverage or purchase Daytona State College group insurance at the time of registration.

After the admission requirements are met:

- Daytona State College will mail you the I-20 eligibility form attached to your acceptance letter. Pay the SEVIS fee at www.fmjfee.com prior to attending the U.S. Consulate.

- Follow the instructions on the acceptance letter to complete the online F-1 orientation on immigration regulations.

- Take the I-20 eligibility form to the U.S. Consulate in your native country and apply for a student visa.

- Travel to Daytona State College at least three weeks before classes start to complete the registration process for the best selection of class availability.

- Report to the International Student Advisor on the Daytona Beach Campus.

- Take the placement test in Assessment Services.

- Speak with an academic advisor and register for classes.

**International students must maintain full-time status (12 credits or greater) regardless of program requirements. Exceptions may apply to the last semester of enrollment or by permit only for special circumstances. For more information, please contact the International Student Advisor.

College Catalog - Limited Access Programs Placement Tests

Certain limited access programs require additional tests for admission. These include:

Test of Essential Academic Skills (TEAS) - The Nursing Associate Degree and the Practical Nursing Vocational Certificate programs require successful completion of the Test of Essential Academic Skills (TEAS) prior to admission to the program. TEAS scores are valid for three years. Contact Assessment Services on any campus for testing schedules and test fee information.

Basic Abilities Tests - The Law Enforcement Recruit Training and Correctional Officer Recruit Training programs require successful completion of a Basic Abilities Test prior to admission to the program. The state of Florida has approved the Criminal Justice Basic Abilities Test (CJ-BAT), and Daytona State College offers the CJ-BAT for entry into the Law Enforcement and Correctional Officer Recruit Training programs. CJBAT scores are valid for two years. Contact Assessment Services on the Daytona Beach Campus for testing schedules and fee information.

College Catalog - Limited Access Programs

The following limited access programs are determined by demand, available classroom space, state licensure requirements and/or related criteria. A separate application must be submitted for admission to these programs. Please check with the program chairperson for details and applications.

- Correctional Officer Recruit Training
- Correctional Probation Officer Academy
- Criminal Justice Bridge for Federal Law Enforcement Officers
- Criminal Justice Technology Bridge
- Dental Assisting
- Dental Hygiene
- Emergency Medical Services
- Emergency Medical Technician
- Fire Apparatus Operator
- Fire Fighter II
- Health Information Management
- Law Enforcement Recruit Training
- Massage Therapy
- Medical Assisting
- Medical Information Coder / Biller
- Nursing (Associate Degree)
- Occupational Therapy Assistant
- Paramedic
- Physical Therapist Assistant
- Practical Nursing
- Public Safety Telecommunications
- Radiography
- Respiratory Care
- Surgical Technology
- Transition into Professional Nursing (Accelerated Associate Degree)

College Catalog - Maximum Course Load and Credit Overload

Students are typically limited to enrolling for no more than 18 credits during any semester (fall, spring, summer). Sub-sessions (e.g. A & B terms) within any semester have a maximum credit limit of nine hours.

Credit Overload

Students in good standing who desire to take more than 18 credit hours must obtain approval by an Academic Advisor. Determinations for approval are based on an individual basis reviewing the combination of courses being requested, the student's previous course work attempted, number of credits attempted in previous semesters, grade point average earned (minimum 3.0 for both semester and cumulative are recommended) and commitments outside of courses (numbers of hours working, family obligations, etc.).

College Catalog - FalconNet Online Student Services

FalconNet is a convenient, secure way to access the information and transactions you need around the clock. FalconNet is available from any computer with Internet access (home, work, public libraries or computers on each Daytona State College campus). Privacy is of the utmost importance to us. Your educational records are protected by FERPA. You can learn more about FERPA and other consumer information in the Student Consumer section of this catalog. Based on FERPA, only you can request or access your student records without your permission. Daytona State College staff cannot discuss personal information over the telephone or by email. You may use all or only selected online services that we offer. Each of the current services accessible from the FalconNet portal is described below.

LOGIN and PIN Numbers - Before you can access FalconNet you will need your College ID number and your College PIN. Your College ID and PIN are the gateway to FalconNet. The first time you access FalconNet your PIN is set as your 6-digit birth date. You are required to update to a new PIN number (for your security) and to enter a hint question. It is important to keep a record of your PIN and hint question to access FalconNet again in the future. You can save yourself the inconvenience of losing access by maintaining a record of your PIN. The hint question will appear if you forget your PIN and attempt to change it. Answering the question will reset your PIN to your birth date and you will be required again to change it. Any other PIN number changes require a signed request to the Records & Registration Office. This request must include your name, Student ID number and your signature. You may fax the request to (386) 506-4489. Requests are processed the same business day they are received. You may also come to the Question and Answer Center or Falcon Center at any campus and show identification to reset your PIN number.

Student privacy laws prevent us from changing PIN numbers based on a telephone or e-mail request.

Browse College Catalog - View and print the most current version of the Daytona State College catalog.

Course Availability - Search the class schedule, looking for open classes that meet your personal scheduling needs. Using the Advanced Search feature you can search for classes offered by sub-session, on a specific campus, or for classes offered 100 percent online, as well as other criteria.

Orientation - Orientation is an important step to being enrolled and is required of all new and readmitted students. It is geared toward preparing you to be as successful as possible while you are here. Orientation covers schedule planning, important departments you should be aware of, as well as other tips that can help you make the most of your experience with us.

Transcript Requests - View and print your unofficial transcript via FalconNet. Official transcripts must be ordered online using your FalconNet account.

View Student Schedule/Grades - Look up your schedule and/or your grades under this option. Grades are not mailed each semester. You must access your grades through this option.

Financial Aid Award Status -Access your award status by semester using this option.

Class Registration - Register for your classes using FalconNet. Credit card payment is also available through this option. After registration you should print your **Schedule and Fee Statement** so that you will know your bill due date and the amount of tuition and fees owed.

Transfer Evaluation - Allows students transferring to Daytona State College to access the evaluation of credit from the previous institution or institutions attended. This is especially helpful to access prior to registration. If it is not available online, the evaluation has not been completed.

Degree Audit -Provides you with a comparison of courses for which you have earned credit with the courses you need to complete your degree or certificate program.

Your Student Information - Allows you to update or change your address, phone number and major so College staff can contact you about courses, events and upcoming registrations.

Student Help Desk - Provides you with troubleshooting information and frequently asked questions about using the Web, FalconNet and some basic computing tutorials. NOTE: This is not a live, technical support site.

FalconMail (Student E-mail) - FalconMail is e-mail available to all current students, faculty and staff at Daytona State College.

Though FalconNet is convenient, we still offer parallel, traditional, on-campus services.

College Communications

The college will communicate with accepted and enrolled students in a variety of methods. The college sponsored email, FalconNet, and portal information will be especially important for students to check. All communications regarding transcript evaluation and appeals are done using FalconNet email, as well as emails about upcoming registration and graduation deadlines. Financial Aid and billing information is done through the respective portal sites. Students are responsible for routinely checking FalconNet and the portal for important information.

College Catalog - Orientation

Orientation is an important step in getting started. Our Orientation program is geared toward awareness and student success. We provide you with a general overview of the various departments available to assist you during your time at Daytona State College. Orientation does not, however, provide detailed instructions about how to select and register for classes. For this, you should speak with a counselor or academic advisor.

All new and readmitted students pursuing a degree or certificate program are required to complete Orientation. The following programs/majors are excluded from the Orientation requirement (*):

- Apprenticeships including 1020 Child Care Specialist, 1071 Electrical Non-Union, 1072 Electrical Union, 1070 Plumbing Union
- Special Credit including 0001 Non-Degree, 0002 Employment, 0004 and 0007
- Transient 0003
- Dual Enrollment including 0005 Daytona State HS, 0008 Dual Vol./Flagler, 0009 Private
- 1057 Fire Apparatus Operator (1157)
- 1056 Fire Fighter II (1156)
- 1051 Law Enforcement Training (1151)
- 1031 Correctional Probation Officer Academy (1131)
- 1038 Public Safety Telecommunications (1138)
- 0960 Emergency Medical Technician (1960)
- 0957 Paramedic (1957)
- 3506 Emergency Medical Services (3106)
- 1050 Correctional Officer Recruit Training (3106)

(*) If you are in one of these majors and attempt online orientation, you will get an error message indicating that you are not required to complete. You can check to verify that your major classification is correct by going to Online Services and selecting Your Student Information under the Records and Registration option.

Students who change majors (from a non-Orientation required program to an Orientation-required program) must complete the Orientation requirement, even if they have been attending Daytona State for a semester or more. Registration will be prevented until the Orientation program is completed. You can access the online version of the Orientation once you have completed an admissions application and a student number has been created for you (approximately one business day after your application has been received). The online version is available under Online Services at http://www.daytonastate.edu. You will be required to enter your social security number and personal identification number (PIN). Online Student Services, including Orientation, can be accessed from any computer with Internet access (home, work, public library or Daytona State computer labs).

If you have any questions about Orientation, contact Academic Advising

College Catalog - Other Forms of Earned Credit

Daytona State College offers opportunities to earn credit for experience, accepts advanced placement credits and credit through other approved exams/programs. The following descriptions can help you choose which alternative best suits your needs. IMPORTANT: If you plan to transfer after leaving Daytona State, check if the transfer institution accepts credits earned through these alternatives. Students can earn a maximum of 75 percent of credits needed for their degree or certificate through alternative experiences.

1. **The Assessment of Prior Learning Experience (APLE)** - College credit may be awarded for knowledge gained outside the normal classroom setting, including prior work experience, workshops and seminars, formal or informal classes taken or other documented past experience. Daytona State students may earn credit through the APLE program by completing exams or developing portfolios.

2. **Advanced Placement (AP)** - AP credit is granted to students who have the College Entrance Examination Board/AP send official Advanced Placement Test results to the Daytona State College Admissions Office. Required scores to earn credit vary by course. Check with the Records Office for details on specific scores for subject areas. You receive credit, but not letter grades, for courses earned through AP. Earned credits are not computed into your GPA. Contact Daytona State's Records Office for AP requirements and information.

3. **College Level Examination Program (CLEP)** - The CLEP is the national exam program which offers exams in academic subject matters. Certain scores will result in credit for college courses. (Score requirements vary depending on the institution.) Official CLEP scores should be sent from the College Entrance Examination Board/CLEP to the Admissions Office. If required scores are earned, you will receive credit, but not letter grades for the courses earned through CLEP. Applications, registration materials and test fee information about CLEP are available in Assessment Services Offices on each Daytona State College campus.

4. **International Baccalaureate (IB)** - Daytona State awards credit based upon higher level and/or subsidiary level IB exams. Official transcripts and scores should be sent from International Baccalaureate to the Admissions Office. You receive credit, but no letter grades, for courses earned through IB. Earned credits are not computed into your GPA. Contact Daytona State's Records Office for IB requirements and information.

5. **Cooperative Education** - Students on all campuses have an opportunity to blend traditional classroom education with study-related work experience. Students gain practical experience in the job market and are awarded academic credit for approved training assignments. This credit may be used for the AA, AAS and AS degree or certificate programs. For information, contact the co-op coordinator on the Daytona Beach Campus.

6. **Independent Study** - This provides in-depth study in selected disciplines. Under special circumstances, it also may be approved for students unable to attend regularly scheduled college credit classes. Students considering this option must identify an area of study with the assistance and approval of an instructor; complete the independent study agreement outlining the project/objectives to be accomplished; and get written approval from both the department chairperson and associate vice president.

7. **Air Force Reserved Officers Training Corp (AF ROTC)** - Daytona State students may register for Air Force ROTC courses offered at Embry-Riddle Aeronautical University. AF ROTC offers two- and four-year programs. Students may complete the first two years of ROTC without military commitment. Elective credit is awarded for these courses. The U.S. Air Force offers ROTC academic scholarships to eligible students. For scholarship information, see the Financial Aid section of the catalog. For information on AF ROTC, call the ROTC office at Embry-Riddle at (386) 226-6880.

8. **Academic Course Exchange (ACE)** - Full-time Daytona State students in good academic standing are eligible to take approved courses, at no additional charge, at Bethune-Cookman College, Embry-Riddle Aeronautical University, Stetson University and University of Central Florida. For more information, please contact the Record's Office.

College Catalog - Placement Tests and Exemptions

If you are a new student admitted to a degree or certificate program, you are required to take a placement test unless you meet one of the exemptions listed below. The results will help with your placement into appropriate courses to ensure your academic success. Placement instruments are not used for admission to the college; although, they may be used as a guide for admission to certain limited access programs.

There are two types of assessment instruments for general admission to the college: the College Placement Test (CPT) and the Test of Adult Basic Education (TABE). Both measure reading, math and language skills. The placement test for degree programs (AA, AAS, AS and BAS) and business or computer related college credit certificates is the CPT. The placement test for vocational certificate programs and the EMT and Paramedic certificate programs is the TABE.

All placement tests and tests used for exemption to the placement tests are valid for two years.

Exemptions to the Placement Test

College Placement Test - You are not required to take the related portions of the test if the following conditions are met:

- SAT scores of 440 or above on critical reading or 440 or above on math for placement into Intermediate Algebra (MAT 1033), or 500 or above on math for placement into College Algebra (MAC 1105)
- ACT scores of 18 or above on the reading or 17 or above on English or 19 or above on math for placement into Intermediate Algebra (MAT 1033), or 21 or above on math for placement into College Algebra (MAC 1105)
- Proof of successful completion of the equivalent of ENC 1101 (College Composition) or MAT 1033 (Intermediate Algebra)

Test of Adult Basic Education - You are not required to take the related portions of the test if the following conditions are met:

- SAT scores of 440 or above on critical reading, or 440 or above on math
- ACT scores of 18 or above on the reading, or 17 or above on English or 19 or above on math
- CPT scores of 83 or above on the reading, or 83 or above on the sentence skills or 72 or above on the elementary algebra
- You have passed or are exempt from the CLAST exam
- You already have an Associate in Applied Science degree or higher.

Students who previously attended Daytona State must:

- Resubmit an admission application to the Admissions Office if you were not enrolled during the last two major semesters (fall, spring);

- Contact the Admissions Office to update your application if you were admitted to the College for a given semester but did not register for courses. Applications for students who applied but did not register are maintained for one year. If you applied prior to that, a new application is required;

- Fulfill assessment requirements. A placement test in Assessment Services on your campus may be required unless one of the following conditions exists: successful completion (C or better) of ENC 1101 and MAT 1033; current (within two years) SAT, ACT or CPT (College Placement Test) test scores for College credit programs; or current TABE (Test of Adult Basic Education) for vocational programs.

- Complete online orientation.

College Catalog - Records and Registration

Students register for classes each semester based on the dates listed in the academic calendar. Before registering for classes, we encourage you to use the information here as a guide to ensure your success. You may register online at http://www.daytonastate.edu/ or at Daytona State College's Daytona Beach, DeLand, Deltona, Flagler/Palm Coast and New Smyrna Beach-Edgewater campuses.

Facts about Registration

- **Schedule of Classes** - A listing of all classes offered for a specific semester. The most updated schedule is available online at http://www.daytonastate.edu. Using the Advanced Search feature, you can search by campus, sub-session, instructional method, time of day and other variables.
- **Advance Registration** - Typically a three-day period which allows currently enrolled students to register on a priority order based on credits earned.
- **Open Registration** - For new or returning students and those who did not register during the advance registration period.
- **Transfer Hours** - Will be calculated into the advanced registration time if all transcripts have been received and evaluated.
- **Schedule Adjustment** - Students may continue to modify their schedules throughout the registration period and up until the last day to adjust schedules date (add/drop courses) listed in the academic calendar.
- **Audit Registration** - Students who do not want to earn college credit for a course may enroll as audit students. Students desiring to audit a course must complete the Audit form, have it signed by the instructor and return it to the Question and Answer Center no later than the last day of the add/drop period. Students may not audit college prep courses.
- **State Employee Registration** -State employees as identified by the Florida Accounting and Information Resource Web site may register and have their tuition waived for a maximum of six hours per semester under the following conditions:
  1. Fulfill all admission and placement testing requirements of the College
  2. Register on the designated State Employee registration dates as indicated in the academic calendar
  3. Enroll only in courses on a space-available basis
  4. Enroll in courses as either a credit or audit student. Enrollments are subject to all College academic regulations, including required placement testing, prerequisites and limits on course repeats and grade forgiveness. State employees will be assessed fees for the full cost of instruction for any course in which they exceed the maximum number of attempts
  5. State employees will be assessed other fees, i.e. laboratory fees, assessment fees, access fees, etc.
- **Schedule and Fee Statements** - Identifies the registered courses, lists days and times of the courses and gives summary of tuition and fees. They also include fee payment due date.
- Registration is not complete until all fees have been paid.
- **Reinstatement Procedure**
  Students wishing to register into a section after the add/drop date for any given semester must meet the following criteria:
  1. Must have been registered in the course prior to the add/drop date and subsequently dropped due to cancellation for non-payment, class roll or other process.
  2. Must document why the original drop occurred (document using reinstatement form available in the Q & A/Registration Office).
     A. Administrative error - Courses dropped due to an administrative error documented by a signed statement from the faculty member or director/department chairperson of the department that caused the error may be reinstated.
     B. Extenuating circumstances - Requests approved by the Supervisor of Registration will be processed.

      a. Documentation is required.

3. Must have the Financial Aid Office and/or the Student Accounts Office sign the reinstatement form indicating the student has money on account and will not be dropped for non-payment once reinstated.

4. Must have a signature from the instructor of each course in which they are re-enrolling, indicating that they have been attending the section and have permission to get back into the course.

5. Must re-enroll in ALL courses that have been dropped.

6. Reinstatements may not be processed after the midpoint of the subsequent semester (I-grade deadline published in the catalog). Subject to change.

7. If reinstatement occurs after grades have been submitted, each instructor must also deliver a memo to the Records Office (not via the student) that indicates what grade the student should receive.

8. Students who withdraw from class(es) may not be reinstated.

9. All documentation must not have a date more than five business days prior to when the reinstatement is processed.

- **Late Registration**
Students may register for classes up until the end of the second week of classes for 15/16-week sessions and up to the end of the first week of classes for seven-week sessions providing:

1. The student goes to the Registration Office at any Daytona State College campus within the designated time frame and requests a late registration form(s).

2. The student obtains the signature of both instructor and chairperson and returns the form(s) to the Registration Office within two business days.

3. The student is prepared to pay both tuition and an assessed $25 per course penalty immediately upon registration (optional).

Note: There is no refund period for "late registration." Students may withdraw without a refund.

College Catalog - Records Maintenance and Privacy Guidelines

The Records Office maintains permanent educational records for all students who have ever enrolled at Daytona State College. The student educational record may contain an application for admission, high school and/or college transcripts, the Daytona State College academic record or transcript, authorized changes to the record and other documentation appropriate to a student's enrollment at the College.

Family Educational Rights and Privacy Act (FERPA)

FERPA is a federal law that applies to educational agencies and institutions that receive funding under a program administered by the U.S. Department of Education.The statute is found at 20 U.S.C. 1232g and the Department's regulations are found at 34 CFR Part 99.

Under FERPA, schools must generally afford students attending a postsecondary institution access to their educational information, an opportunity to seek and have their records amended, and some control over the disclosure of information from the records.

FERPA requires the College to protect the privacy of student record information. This includes restricting access to these records, the release of records and the opportunity to challenge records should they be inaccurate, misleading or inappropriate. A peer graded test or paper becomes an educational record when and if the grade received is used in the calculation of the final grade for the course. Educational records exclude records that are created or received by the college after the student is no longer a student in attendance and are not directly related to the student's attendance.

No information other than the data determined to be "directory information" can be provided to a custodial parent, non-custodial parent, or other third party without the permission of the student unless very specific criteria have been met.

FERPA requires the College to establish a policy with regard to the data items that can be released to third parties upon request, and to establish the procedures for the release of such information. Students have the option of making their "file" and "data" confidential. Students choosing to have their data marked as confidential are identified in the student information system and their information is excluded from the college's directory information.

Disclosure of Education Records

A school must:

1. Have a student's written consent prior to the disclosure of education records
2. Ensure that the consent is signed and dated and states the purpose of the disclosure

A school may disclose education records without prior consent when:

1. The disclosure is to school officials who have been determined to have a legitimate educational interest. For these purposes a school official is defined to include contractors, consultants and other third parties providing services and functions acting under contract with and on behalf of the College.
2. To another college when the student is seeking or intending to enroll in another college. This disclosure, upon request, could include disciplinary and health records.
3. The disclosure is to state or local education authorities auditing or enforcing Federal or State supported education programs or enforcing Federal laws which relate to those programs.
4. The disclosure is to the parents of a student who is a dependent for income tax purposes. Students may self-certify that they are a dependent for tax purposes.
5. The disclosure is in connection with determining eligibility, amounts and terms for financial aid or enforcing the terns and conditions of financial aid.
6. The disclosure is pursuant to a lawfully issued court order or subpoena.
7. The information disclosed has been appropriately designated as directory information by the school.
8. The disclosure without consent is allowed when the school is returning records to the apparent creator (e.g. of a transcript) to verify authenticity.
9. Disclosure can be made to organizations conducting educational studies for or on behalf of the college for purposes of testing, student aid and improvement of instruction; this disclosure can also be made even in cases where the college is not a party to the research project.

Parent Access to Records

Student records may be released to a parent (either custodial or non-custodial) of the student without the student's prior approval only when a Daytona State College parent information request form has been completed. This form requires the requesting party to attach documentation that verifies the student was claimed as a dependent on the most recently filed IRS tax return. (Copies already supplied to the Financial Aid Office can be used.) Once this form and documentation is received, the student will be notified of the request 10 days prior to the release of the information. Student information is subject to the FERPA guidelines even if the student is under age 18.

FERPA permits institutions to disclose information to a parent if a health or safety emergency involves their son or daughter. Schools are also allowed to inform parents if the a student under age 21 has violated any law or college policy concerning the use or possession of alcohol or a controlled substance. A school official may generally share with a parent information that is based on that official's personal knowledge or observation of the student.

Students may choose to have their records provided to a parent, or other third party, on a one-time or one-year basis by completing the student Release of Academic Information form.

Health or Safety Emergency

In addition, the school is allowed to disclose without the student consent education records, including personally identifiable information from those records if the College determines that there is a articulable and significant threat to the health or safety of a student or other individuals, but only to those persons whose knowledge of the information is necessary to protect the health or safety of the student or other individuals. A record of the threat and the information disclosed will become part of the student's record. At such times, records and information may be released to appropriate parties such as law enforcement officials, public health officials, parents and trained medical personnel. This exception to FERPA's general consent rule is limited to the period of the emergency, and generally does not allow for a blanket release of personally identifiable information.

Disciplinary Records

While student disciplinary records are protected as education records under FERPA, there are certain circumstances in which disciplinary records may be disclosed without the student's consent. A postsecondary institution may disclose to an alleged victim of any crime of violence or non-forcible sex offense the final results of a disciplinary proceeding conducted by the institution against the alleged perpetrator of that crime. An institution may disclose to anyone the final results of a disciplinary hearing if it determines that the student is an alleged perpetrator of violence or non-forcible sex offense and with respect to the allegation made against him or her, the student has committed a violation of the institution's rules or policies.

Law Enforcement Unit Records

Investigative reports and other records created and maintained by the law enforcement units are not considered to be education records subject to FERPA. Accordingly, institutions may disclose information from law enforcement unit records to anyone, including outside law enforcement authorities, without student consent. The Daytona State Campus Safety Office is responsible for referring potential or alleged violations of law to local police authorities.

The College may not require the accuser to execute a non-disclosure agreement or otherwise interfere with re-disclosure of information about alleged sex offenses released under the Clery Act.

The College may disclose information received under a community notification program about a student who is required to register as a sex offender.

Directory Information

Directory information can be released to the public without the student's consent following specific request procedures. Directory information will not be released if the student had requested in writing to keep their information confidential.

At any time the student can complete a form in the Records Office to mark their records as confidential.

The Daytona State College directory information includes:

1. Student name and city of residence
2. Student college sponsored email address
3. Date of birth

4. Enrollment status
5. Major and fields of study
6. Participation in College recognized activities and athletics
7. Dates of attendance
8. Degrees and awards received
9. Most recent educational institution attended
10. Photograph and height/weight of athletic team members

The College reserves the right to provide additional information, such as street address and telephone number, where there is a signed articulation agreement with another postsecondary institution for purposes of recruiting students, and in cases that are superseded by the Solomon Amendment giving military recruiters access to student recruiting information.

Any other information is considered to be personally identifiable information and cannot be released to a third party, including parents, without the student's written consent.

Directory Requests

The procedure to request Daytona State College directory information is indicated below. Directory information requests are not recorded in individual student records.

1. The college participates with the National Student Loan Clearinghouse to provide electronic requests for confirmation of individual academic degrees, academic awards/honors, dates of attendance by employers and colleges, and confirmation of enrollment status. The Web site is www.degreeverify.com; email is service@studentclearinghouse.org; phone is 703-742-4200; and the fax is 703-742-4239.
2. Requests for additional information or for other purposes must be made in writing on the letterhead of the company, agency or school requesting the information.
3. If the request is being made by an individual, it must indicate the name, address and phone number of the requestor and the reason for the request.
4. Requests for the entire student directory, requests from any military sources under the Solomon Amendment, or requests for a "class" of students, such as all students in any one major, should be directed to the Records Office.

Student Access to Educational Records

Schools are required by FERPA to:

1. Provide a student with an opportunity to inspect and review his or her education records within 45 days of the receipt of the request.
2. Provide the student copies of education records or otherwise make records available to the student if the student, for instance, lives outside of commuting distance of the school.
3. Redact the names and other personally identifiable information about other students that may be included in the student's education records.

Amendment of Education Records

Under FERPA a school must:

1. Consider a request from a student to amend inaccurate or misleading information in the student's education records.
2. Offer the student a hearing on the matter if it decides not to amend the records in accordance with the request.
3. Offer the student a right to place a statement to be kept and disclosed with the record if as a result of the hearing the school decides not to amend the record.

A school is not required to consider requests for amendment under FERPA that:

1. Seek to change a grade or disciplinary record.
2. Seek to change the opinions or reflections of a school official or other person reflected in an education record.

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

Questions about the administration of FERPA at Daytona State College and the release or amendment of any student record should be addressed to the Dean of Enrollment Management.

Student Requests

Change in records - Students may request a change to their record in writing or by presenting photo identification if requesting the change in person. Typical changes include name, address, telephone number, social security number and program code (major). Most changes require the student to present appropriate documentation. Address, phone and most program code changes can be made online at http://www.daytonastate.edu/.

Enrollment verification – An official College statement indicating semester of enrollment and student status (i.e. full- or part-time). The College utilizes the services of the National Student Clearinghouse to automatically process enrollment verifications for students. Students may go online to www.clearinghouse.org to request enrollment verification.

Transfer credit evaluation – Statement of all course work and grades accepted from another postsecondary institution. A transcript evaluation summary is available online at http://www.daytonastate.edu/ on the Registration and Records menu.

Non-release of directory information - A student may submit a request for non-release of directory information by completing a form in the Daytona Beach Campus Records Office or in the administrative office at any Daytona State campus. This non-release request will remain in effect until the student requests a removal of the non-release hold.

Authorization of non-directory student information - Students may authorize Daytona State College to release specific information as documented on the *Release of Academic Information* form. This release consent is valid for one year from the date the document is signed.

Official transcripts - Students may request an official copy of their academic record via the Daytona State online transcript request system at www.daytonastate.edu. There is a $2 fee for each official transcript requested.

Unofficial transcripts - Students may view/print an unofficial transcript online at www.daytonastate.edu.

Social Security Number Collection and Use

In compliance with Florida Statute 119.071(5), this document serves to notify you of the purpose for the collection and usage of your Social Security number by Daytona State College.

Daytona State collects and uses your social security number only if specifically authorized by law to do so or it is imperative for the performance of its duties and responsibilities as prescribed by law. The College, and vendors, may not use a Social Security number or other non-directory information, either alone in or combination with other data elements, to identify student records when disclosing or confirming directory information without the written consent from the student.

Specifically, Daytona State collects your Social Security number for the following purposes:

Admissions Department

Federal legislation related to the Hope Tax Credit requires that all postsecondary institutions report student Social Security numbers to the Internal Revenue Service. This IRS requirement makes it necessary for colleges to collect the Social Security number of every student. A student may refuse to disclose his or her Social Security number to Daytona State College, but the IRS is then authorized to fine the student in

the amount of $50.00.

In addition to the federal reporting requirements, the public school system in Florida uses Social Security numbers as a student identifier (section 229.559, Florida Statutes-new school code section 1008.386). In a seamless K-20 system, it is beneficial for postsecondary institutions to have access to the same information for purposes of tracking and assisting students in the smooth transition from one education level to the next. All Social Security numbers are protected by federal regulations Family Educational Rights and Privacy (FERPA).

Continuing Education, Corporate Training

Because of Florida State Education Reporting requirements, students who enroll in Continuing Education and Corporate Training seminars are required to submit their Social Security numbers.

Financial Aid Department

The Office of Financial Aid at Daytona State College and the U.S. Department of Education require students to submit their Social Security numbers on various forms in order to correctly identify applicants, match each applicant's financial aid record with the student record, and to help coordinate state aid programs with federal and institutional aid programs.

Human Resources Department

An employee's (including Federal or Institutional Work Study employees) Social Security number is required for any or all of the following:

- Completing an Employment Application/Packet
- Completing and processing the Federal I-9 (Department of Homeland Security)
- Completing and processing Federal W4, W2, 1099 (Internal Revenue Service)
- Completing and processing Federal Social Security taxes (FICA)
- Processing and Distributing Federal W2 (Internal Revenue Service)
- Completing and processing quarterly Unemployment Reports (Florida Department of Revenue)
- Completing and processing Florida Retirement Contribution reports (Florida Department of Revenue)
- Workers Comp Claims (FCCRMS and Department of Labor)
- Completing and processing Federal and State Employee and Educational Reports
- Completing and processing Direct Deposit Files (Bank of America, ACH)
- Completing and processing 403b and 457b contribution reports
- Completing and processing group health, life and dental coverage enrollment
- Completing and processing various supplemental insurance deduction reports

Library

Student, faculty and staff Social Security numbers will be used in the library's patron database (LINCC) for online login authentication, patron verification and the elimination of duplicate records.

Workforce Programs

These programs use your Social Security number as an identifier for program enrollment and completion. Also, it is used for entering placement information into either the OSMIS or the Employ Florida Marketplace statewide data collection and reporting system. Because these are performance-based contract programs, it is required that all participants and their program related activities be recorded in the Florida state system.

Identification and verification, billings and payments, data collection, reconciliation, tracking, benefit processing and tax reporting

To protect your identify, Daytona State will secure your Social Security number from unauthorized access and assign you a unique student/employee identification number. This unique identification number will then be used for all associated employment and educational purposes at Daytona State.

College Catalog - Special Credit Students

Students may take courses even if they do not intend to earn a college degree or certificate from Daytona State College. A special credit (non-matriculated) student is one who enrolls in courses to upgrade career skills, takes courses for personal enrichment, or enrolls in courses for the purpose of transferring to another institution. Special Credit students must meet all course placement and prerequisite requirements.

Special credit students are limited to a total of 15 credits, after which they must declare a major. If a student has already received an associate of arts degree issued in the state of Florida, or a bachelor's degree, the 15-credit limit is not applicable. Students are required to provide transcripts to document degrees earned and to have placement tests waived and prerequisites documented. Special credit students are not eligible to receive financial aid.

College Catalog - Student Grade Information

Student grade reports are not mailed; however, they are available to all students at the end of each semester as the grades are entered by the teachers on at their FalconNet page. Students may access the Web from the computer commons and labs on any campus, or from any off-campus computer that has access to the Internet.

College Catalog - Teacher Certification/Recertification Preparation

Teachers and public school employees who want to take courses for teacher certification or re-certification must complete the admission application. In addition, applicants must:

- Contact the certification specialist in their county educational system for additional information and approval of courses before you register

- Submit a copy of teaching certificate, in lieu of transcripts, to have the placement test waived

- Submit a tuition waiver form if your county educational system will be paying for the classes.

College Catalog - Transcripts

Acceptance to Daytona State College is contingent upon the receipt of final official copies of your high school transcripts, documenting a standard high school diploma, or GED scores, and if applicable, final official transcripts from all colleges and educational institutions previously attended. Transcript request cards are available at all Daytona State campuses. Home school students are required to submit officia transcripts and complete a home school verification statement.

Official transcripts from foreign colleges/universities previously attended must have a NACES recognized evaluation service complete a course-by-course evaluation of these transcripts. Also, submit translated syllabi for all courses you wish to have considered for transfer. Additional documentation may also be required. Please contact the Records Office for more information.

Students are given a one-semester grace period to submit official documents mentioned above. A "Hold" is placed on the student's record preventing future registration until transcripts are received.

Students who have attended other colleges and postsecondary institutions must meet the same admissions requirements as new students. Students must request official transcripts from each postsecondary institution attended. The official transcript must be submitted directly to the Admissions Office. Transcripts received from students will not be considered official unless they are in a sealed envelope from the issuing institution. Once the student's transfer credit evaluation is completed, an email is sent to the FalconMail address and the transfer credit summary report will be available online at Records section of their FalconNet account.

If official transcripts have not been received or the evaluation is not complete at the time of registration, the student should bring an unofficial transcript when meeting with an advisor for scheduling purposes. Transfer students who have met Daytona State equivalents for ENC 1101 (College Composition) and MAT 1033 (Intermediate Algebra) or higher are not required to take the college placement examinations.

 Transferring Courses and Grades to the Daytona State College transcript:

 The college will include on the Daytona State College transcript all courses and grades that were attempted at a prior college except for the following:

- courses that meet the Academic Second Chance provisions
- courses that were taken at an upper (junior, senior etc.) level for which there is no comparable Daytona State College courses.

 Grades received at prior colleges will be included in the cumulative grade point average, except for developmental courses.

General Education Requirements

Students transferring to Daytona State College who have earned an Associate of Arts degree from a Florida public college or Baccalaureate degree or higher from regionally accredited U.S. institution at the time the degree was earned are deemed to have met the General Education requirements for degree programs at Daytona State College, and also qualify for an exemption from the college placement tests for admission. Specific majors may still require the completion of specified course requirements or prerequisites.

The regional accreditation agencies are:

- New England Association of Schools and Colleges, Commission on Institutions of Higher Learning;
- Middle States Association of Colleges and Secondary Schools, Commission on Higher Education;
- North Central Association of Colleges and Schools;
- Northwest Association of Schools and Colleges;
- Southern Association of Colleges and Schools, Commission on Colleges;
- Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Accrediting Commission for Junior Colleges

Second Associate of Arts Degree

Students who transfer to Daytona State College, or who have previously earned an Associate of Arts or Baccalaureate Degree from a another college, are not normally allowed acceptance to the AA program. The only exception to this policy would be for a student whose transcript evaluation indicates that at least 15 credits (including the foreign language requirement) are needed to meet our AA degree requirements, indicating that the prio education is not comparable. Students transferring with a prior degree are not allowed enrollment in the AA program to rehabilitate their GPA or to meet university prerequisites. Students with a prior degree are encouraged to enroll as non-matriculated students and take courses that meet their personal and career goals.

Transfer Credits from Non-Regionally Accredited Institutions

Credits from non-regionally accredited institutions are evaluated on a course-by-course basis by departmental review . Supporting documentation is required to validate the transfer of courses to insure they are academically equivalent to courses offered at Daytona State College, including equivalency of faculty credentials. Students must submit official transcripts to the Admissions Office and the documentation for credit to be considered. Contact the Records Office for further information.

College Catalog - Transient Students from Other Institutions

Students currently enrolled in college degree programs at other institutions must meet the following requirements to take courses at Daytona State College and have them transfer back to their primary institution:

- The student attending a Florida public college or university should complete the Transient Student Form available on line at www.facts.org
- The student attending a private college or out-of-state public college or university must complete the admissions application available at the Daytona State home page
- Students must submit a letter or Transient Student Form from their institution, academic dean or department chairperson to the Registration Office authorizing them to enroll at Daytona State College as a Transient Student. If you are meeting with an advisor to assist you with course selection, make sure to share this form with him/her for verification of eligibility to enroll in the courses you plan to take. Students assume responsibility for selecting the appropriate courses that meet their educational objectives. They also are responsible for ensuring that their institution will accept each course take at Daytona State toward their program of study. By signing the Transient Student Form, your primary college is verifying that you meet the prerequisites for the courses being approved.

To be a Transient Student:

Students currently enrolled in college degree/certificate programs at Daytona State must meet the following requirements if they want to take courses at other regionally accredited institutions and have them transfer back to Daytona State:

- Complete the Transient Student Form request available on line via www.facts.org
- Submit a Transient Student Form and have it approved by the Records Office. If applicable, the student must have the approval of the associate of science/certificate program chairperson before credits will be accepted. Daytona State is not responsible for the acceptance of any credit other than the credits approved by Daytona State
- Students must be in good standing, academically and financially, with a cumulative Daytona State GPA of 2.0 or better
- Students must provide the Record's Office with a course description for each transient course requested. This must accompany the Transient Student Form
- Students must have successfully completed the appropriate pre-requisite(s) for each transient course requested
- All courses taken as a transient must be applicable to the student's program of study at Daytona State
- Students receiving Veteran's Benefits must obtain approval from the Veteran's Affairs Office
- A student wishing to receive financial aid, while taking courses at another college as a transient student, must complete a consortium agreement indicating the course name, credits and cost signed by the other college and presented to the Daytona State Office of Financial Aid
- All hours taken as a transient will be recorded on the Daytona State transcript and will be computed in the GPA along with the credits earned at Daytona State
- It is the student's responsibility to furnish the Office of Admissions with an official transcript upon completion of approved coursework
- All tuition and fees owed the other college are to be paid directly to that college.

College Catalog - Tuition and Payment Information

Tuition and Payment Information

Tuition is generally due within 10 business days or less. Please refer to your **Schedule and Fee Statement** for the payment deadline dates after each registration activity. If fees are not paid by the due date, your registration will be canceled and your classes dropped. After classes begin, additional late registration fees or reinstatement fees may apply and payment of all charges will be due at the time of registration. If you are canceled one time for non-payment, and subsequently re-register, your bill will be due in one business day.

You may pay your tuition and fees by cash, check, money order, debit card, VISA, MasterCard, Discover Card or American Express. Online payment processing is available through the MyDaytonaState portal. Payments may also be made in person at any campus or by mail. Please DO NOT SEND CASH BY MAIL.

YOU SHOULD KNOW THAT:

Daytona State's tuition and fees are based upon your status as a legal permanent Florida resident. Daytona State follows the state's guidelines regarding residency for tuition purposes. See Florida Residency for Tuition Purposes. Students who have not completed the residency process completely, or those whose residency cannot be determined, will be charged the non-resident rate until a final determination is made.

Fees to audit a course are the same as the cost of a credit course.

Many courses require lab fees, distance learning fees, and/or insurance fees in addition to per credit tuition charges.

Full-cost charges (equivalent to non-resident tuition charges) will be assessed to students who repeat a course(s) for the third time. See Full Cost of Instruction, Maximum Attempts, Grade Forgiveness and Withdrawals for more information.

You should bring sufficient funds to meet immediate needs. Personal checks are accepted only for the exact amount of fees.

Since many of our graduates will eventually transfer to a state university, students should be aware of a new provision affecting the tuition charges at the universities. Effective fall 2009, a student who attempts greater than 120 percent of the credits needed for a baccalaureate degree will be charged a 50 percent surcharge for each subsequent credit. The 12 percent limit will include all credit hours earned at another institution and accepted for transfer by the state university. This law was passed by the Legislature to encourage each student to complete the baccalaureate degree in the most efficient way possible.

If you need financial assistance, contact the Financial Aid Office before you register.

All unpaid obligations, regardless of whether they are past due or current, result in a hold being placed on student records, diplomas, transcripts and registration activity until the obligation is paid in full.

Tuition and Fee Schedule 2009-2010 (Tuition and fees are subject to change based on legislative action and/or at the discretion of the District Board of Trustees.)

1. Application Fee

There is no charge to apply for admission to Daytona State College, except for international students who are assessed a $50 non-refundable application fee. The College does charge a one-time, non-refundable $20 assessment fee to all students, including international students, at the time of initial enrollment.

2. College Credit and College Preparatory Credit Courses

Florida Residents - $87.88 per credit hour
Non-residents - $331.40 per credit hour
Access Fee - $30 per semester
Distance Learning Course Fees - $25 per credit hour
Lab Fees (vary by course) - $3 - $280

3. Fees for Vocational Credit Courses

Florida Residents - $72.21 per credit hour
Non-residents - $288.80 per credit hour
Access Fee - $30 per semester
Distance Learning Course Fees - $25 per credit hour
Lab Fees (vary by course) - $3 - $280

4. Baccalaureate Fees

Florida Residents - $97.45 per credit hour
Non-residents - $589.38 per credit hour
Access Fee - $30 per semester
Distance Learning Course Fees - $25 per credit hour

5. Apprenticeship Courses

Apprenticeship students are exempt from registration, matriculation and laboratory fees for instruction.

6. Fees for Continuing Workforce Education

Fees for these courses, designed to upgrade the skills of workers currently or formerly employed in a specific occupation, must cover the full cost of instruction.

7. Fees for Adult Education Courses

Daytona State High School Courses - *No Charge
GED Preparation - No Charge
Basic Adult Education Courses - No Charge

*A fee is charged to students who already have earned a high school diploma or equivalent and who wish to enhance their skills. The fee is based on a $35.33 per credit hour equivalent for Florida residents and $142.12 per credit hour for non-residents.

8. Assessment/Testing Fees

Credit by Exam (APLE) - $35/test
Portfolio (APLE) - $60/course
CLEP - $97/test
CPT Retest - $10/test
TEAS - $40/test
CAT CLAST (Non-Daytona State Student) - $30/test
Non-Daytona State Student Test Fee - $30/test
CJ-BAT - $40/test
GED (Full Battery) - $70/test
GED (Per Section) - $14/test

9. Veterans Deferment of Fees

Veterans eligible for VA education benefits are granted a deferment once per academic year. The deferment may be for up to 60 days, but will always be due before the end of the semester. Consult the Veterans Specialist in Bldg. 100, Rm. 208 on the Daytona Beach Campus.

10. Recreation & Leisure, Self-Supporting Courses, Seminars, Workshops, Conferences

Fees will be determined separately for each activity and will be stated in the individual activity announcement. The activity may be canceled because of insufficient enrollment.

11. Graduation Fees

Primary Degree (Non-Refundable) - $25
Each Additional Degree - $10

Duplicate Diploma - $10
College Credit and PSAV Certificates - $10 for the initial certificate. There is no charge for additional certificates earned by the student
High School Diploma - $10

In addition, all students who participate in either the college or high school graduation ceremony must pay the cost for their academic regalia (cap and gown).

Please be aware of the graduation application dates and deadlines. The fee will entitle the graduate to a diploma, if qualified, and to participate in the commencement ceremonies. Daytona State reserves the right to certify each student as a completer once he or she has completed all requirements for the degree or certificate, regardless of whether they have completed an application for graduation. Students who do not complete the graduation application process will not receive a diploma or have the degree certificate statement on their official transcript.

12. Other Fees

Returned Check (per Florida Statute) Minimum - $25
Late Registration Fee - $25 per course
Reinstatement Fee - $50 per course
Official Transcript Fee - $5 per transcript
First Parking Permit - No Charge
Additional Parking Permits - $10 each
*Parking Fines - $5, $7.50, $10

*Unpaid fines will result in a hold on student records, diplomas, transcripts and future registrations. Repeat offenders may be towed at the owner's expense.

13. Collection Costs

If obligations are not paid in full upon notification by the College, these debts may be referred to an outside collection agency and to appropriate credit bureaus. Resulting collection costs will be added to the original debt and the student must pay these costs, as well as attorney's fees if applicable. Furthermore, all unpaid obligations will result in a hold on student records, diplomas, transcripts and future registration activity.

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Financial Aid

College Catalog - Daytona State College Foundation Scholarships

Since 1974, the Daytona State College Foundation has provided financial assistance to students as well as funding for faculty and program support. It helps to fill the critical needs that are beyond the scope of the College's budget.

Each year the Foundation awards hundreds of scholarships to Daytona State College students. Scholarships may be awarded based on need, academic merit or other criteria. In addition to scholarships, the Foundation assists students with emergency grants, emergency loans, book and equipment purchase assistance, and funds to cover professional examination fees.

The Foundation embraces the concept of the college mission as adopted by the District Board of Trustees. Management of Foundation affairs is vested with a self-perpetuating Board of Directors from the community that the College serves.

Daytona State College Foundation scholarships are usually announced at the beginning of the fall and spring semesters. When available, the scholarship list and online application process can be obtained at www.daytonastate.edu/scholarships or at the Financial Aid Services Office located on the Daytona Beach Campus in Bldg. 100, Rm. 104. Additionally, information regarding Foundation Scholarships is available in the Question & Answer Centers located on all Daytona State campuses.

For additional scholarship information, please call (386) 506-4422.

College Catalog - Dropped Class Refund Policy

The dates to drop a course with a refund are established for each semester and published in the academic calendar and in each semester's schedule of classes. Drop deadlines for "late start" classes can be found at FalconNet Online Services under Online Course Availability or on your Schedule and Fee Statement. Please check the dates carefully. Refunds will not be given after the deadlines.

Students who pay for courses by credit card will be refunded by crediting back that same credit card in approximately seven to 10 business days following the official drop. Students who pay for their courses by cash or check will be refunded through the Daytona State OneCard process. Each registered Daytona State student will automatically be mailed the Daytona State OneCard, which also serves as your student ID card. To receive your card without delay, update/verify your mailing address with Daytona State by logging on to FalconNet Online Services.

To receive your refund, you must activate your Daytona State OneCard at www.daytonastateone.com. During this process, you will choose between two options for receiving your refund. You may elect to have your refund directly deposited to your Daytona State OneAccount (funds will be deposited within one day or less), or you may elect to have your refund deposited to another bank account of your choice (funds will be deposited in two to three business days).   For additional information regarding refunds go to www.daytonastateone.com or contact the Office of Student Accounts at (386) 506-3024 to speak to a Student Account Specialist.

Refunds will be based upon the following:

A. College Credit and Vocational Credit Courses
   1. A 100 percent refund will be given if a student drops a course(s) by the date published in the College's academic calendar. For classes that meet on the weekend only, students will have until the next business day following the first scheduled class meeting to drop with a refund.
B. Continuing Education and Lifelong Learning Courses
   1. Courses lasting one week or less - A 100 percent refund will be given if you drop a course before the first scheduled class meeting.
   2. Courses lasting longer than one week - A 100 percent refund will be given if you drop a course within five working days from the date of the first scheduled class meeting.
C. Student Appeals
   1. Appeals to drop with a refund after the published deadline must be based upon extraordinary circumstances beyond your control. Supporting documentation is required before the appeal may be considered. For additional information about student appeals, contact the Question and Answer Center.   Appeal forms are available at all campuses.

Withdrawals for Tuition Purposes

Students who withdraw from a course will not be entitled to a refund. In addition, any outstanding balances for withdrawn courses must be paid in full prior to processing the withdrawal.

College Catalog - Financial Aid Eligibility Requirements

In general, to be considered eligible to apply for financial aid a student must:

1. Be a United States citizen or an eligible non-citizen

2. Be enrolled as at least a half-time student. (Half-time enrollment is a minimum of six credits in coursework leading to a degree or certificate, and therefore excludes audited classes.) Fall or spring semester enrollment in a program of study abroad which has been approved by Daytona State College will be considered enrolled at Daytona State for the purpose of applying for federal aid

3. Be accepted at Daytona State as a "regular" student, defined as one who is pursuing an AA, AAS, AS, BAS, or BS degree, or an approved vocational certificate

4. Be enrolled in an eligible program of study. Eligible programs are post-secondary programs which lead to an AA, AAS, AS, BAS, or BS degree or an approved vocational certificate

5. Be making progress toward completion of courses of study in compliance with Financial Aid Satisfactory Academic Progress Standards

6. Not be in default on a loan or owe a repayment on any previous financial aid received

7. Be registered with the Selective Service if required to do so

8. Have a standard high school diploma or GED. (The transcript must be submitted to the Admissions Office.) Some vocational certificate programs may accept passing scores achieved on a federally approved test administered by the College in lieu of the high school diploma or GED requirements. This test measures the student's ability to benefit from the instruction offered

9. Have a valid Social Security number.

College Catalog - Emergency Loans

Emergency loans are provided by Daytona State to assist students who are experiencing extreme financial hardships that have a direct impact on their ability to function in the classroom. This financial hardship, if not addressed, usually reduces the student's quality of life and that of dependent family members.

Emergency loans are handled by the Financial Aid Services Office. A student may apply for an emergency loan to purchase required course equipment and other supplies that are not available in the Daytona State College bookstore. Also, emergency loans, by referral, are available to pay for a student's licensure examination.

Students requesting emergency loans are asked to complete an application in the Financial Aid Services Office located on the Daytona Beach Campus in Bldg. 100, Rm. 104, or the student may contact the Coordinator of Emergency Loans at (386) 506-3013 for additional information

College Catalog - Full-Time College Credit Budget

Direct Educational Costs (Estimated)		
	In-State	**Out-of-State**
Tuition (24 college credits)	* $1,878	* $7,064
Indirect Educational Costs (Estimated)		
Books & Supplies	$900	$900
Room & Board	$2,128 (dependent)	$2,128 (dependent)
	$10,000 (independent)	$10,000 (independent)
Personal	$1,624 dependent	$1,624 dependent
	$1,600 independent	$1,600 independent
Transportation	$1,000 dependent	$1,000 dependent
	$1,800 independent	$1,800 independent
Total Budget	$7,530 (dependent)	$11,808 (dependent)
	$16,168 (independent)	$20,456 (independent)

Some programs of study have additional costs. Please refer to the Program Descriptions.

Please note: Daytona State College does not provide dormitories.

Please note: Tuition for in-state BAS students: * $2,082; out-of state BAS: * $12.792

*Based on 2008-2009 rates. The 2009-2010 rates may increase due to legislative action and/or District Board of Trustees action.

College Catalog - Full-time Vocational Credit Budget

Direct Educational Costs (Estimated)		
	In-State	Out-of-State
Tuition (24 vocational credits) *	$1,540	$6,156
Indirect Educational Costs (Estimated)		
Books & Supplies	$900	$900
Room & Board	$2,128 (dependent)	$2,128 (dependent)
	$10,000 (independent)	$10,000 (independent)
Personal	$1,624 dependent	$1,624 dependent
	$1,600 independent	$1,600 independent
Transportation	$1,000 dependent	$1,000 dependent
	$1,800 independent	$1,800 independent
Total Budget	$7,192 (dependent)	$11,808 (dependent)
	$15,840 (independent)	$20,456 (independent)

Some programs of study have additional costs. Please refer to the Program Descriptions.

Please note, Daytona State College does not provide dormitories.

*Based on 2008-2009 rates. The 2009-2010 rates may increase due to legislative action and/or District Board of Trustees action.

College Catalog - What is Financial Aid?

Financial aid is the assistance available to help a student meet educational expenses. This assistance is provided by federal, state, institutional or private sources and may consist of grants, scholarships, loans or work. Qualified students may be offered combinations of the various types of aid or aid from a single source. Most forms of aid are based on an individual's financial need, college costs, enrollment status and the availability of funds.

College Catalog - How are Awards Disbursed?

Eligible financial aid recipients may register for classes and charge tuition and fees against the scholarship or grant amount indicated on the financial aid award notice for the applicable semester. If the scholarship or grant is more than the total amount of tuition and fees, the remainder may be used for other educational expenses. A refund for the remainder of the award(s) will not be available until after the refund period has passed and enrollment verification has been completed each semester. If, after receiving a refund, a student's class is canceled or changed to an audit or the student is dropped from a class, the student will owe back a portion of the refund applicable to the change in enrollment.

Refunds are delivered to students by utilizing the Daytona State OneCard. Each registered Daytona State student will receive a Daytona State OneCard. The card will arrive in the mail at the student's primary address on file with the College. To receive the refund, the student must activate the Daytona State OneCard. During card activation, the student chooses how to receive the refund money.

The options for receiving financial aid refunds include: a direct deposit to the student's Daytona State OneCard, or a deposit to the student's bank of choice.

Students activate the Daytona State OneCard and make the refund selection online at http://www.daytonastateone.com.

Refunds are applicable to scholarships, grants, Stafford and Parent PLUS loans.

Please Note: Institutional fee waivers are issued for tuition only and may not be used for other educational expenses. Any funds not used as tuition will not be refunded to the student. A Federal Work-Study award cannot be used to charge fees.

Stafford and Parent PLUS Loan funds are disbursed by the lender through EFT (electronic funds transfer) directly to the student's account. Please note, per federal regulations, the earliest date a loan may be disbursed to a student who has not completed a minimum of 30 credits in his or her current course of study at Daytona State is 30 days after the first day of classes. Additionally, all first-time borrowers at Daytona State must complete loan entrance counseling before their loan proceeds may be disbursed. Loan entrance counseling can be completed online at the following address: http://mappingyourfuture.org.

A student attending both fall and spring semesters will receive one disbursement of one-half of the total loan proceeds per semester (as long as a minimum of half-time [six credits] enrollment is maintained). A student attending one semester (fall or spring) will receive the loan proceeds of one-half of the total loan amount in two disbursements. Per Federal regulations, the second half of the loan may not be disbursed until a minimum of one-half of the semester has elapsed. A loan disbursement will not be made after a student ceases to be enrolled in at least six credit hours.

A student's eligibility for financial aid is partially based on enrollment status as well as the start date of classes. Students should be aware that certain courses may have staggered or irregular start dates that are not the same as the beginning of the standard semester. Students enrolled in these courses are not eligible to receive financial aid funds until the classes are in progress and enrollment can be verified

College Catalog - How Need is Determined

When a student applies for financial assistance by completing the Free Application for Federal Student Aid (FAFSA), the information the student reports is used in a formula established by the U.S. Congress. The formula determines the student's Expected Family Contribution (EFC). This EFC is an amount that the student (and spouse, if the student is married) or the student (and parents, if the student is dependent) is expected to contribute to the student's education. The EFC is subtracted from the student's cost of attendance. A student is considered to have financial need if the EFC is less than the cost of attendance.

The cost of attendance is determined by Daytona State College using rules established by the U.S. Congress. The cost of attendance includes the student's tuition and fees based upon the student's enrollment status. Please note that when determining enrollment status, audited courses are not taken into consideration since no credit toward a degree or certificate is received.

In determining a student's eligibility for aid from the federal student financial assistance programs and from state need-based assistance programs, Daytona State College must first consider other aid the student is expected to receive. If the student is eligible to receive financial aid, the student will be sent an official financial aid award letter, which lists the types of aid being offered for the academic year. This is the student's financial aid package. Students can also view their financial aid award through FalconNet.

College Catalog - How Does a Student Apply for Financial Aid

Applying for financial aid is not as complicated as you may think! The important thing to remember is to take it one step at a time. The process consists of completing the appropriate applications and submitting requested documentation to the Financial Aid Services Office. To be considered for financial aid at Daytona State College, a student must do the following:

- Complete the Free Application for Federal Student Aid (FAFSA). Indicate that you are planning to attend Daytona State College in Section 5 of the FAFSA. Daytona State College's Title IV School Code is 001475. This application is required to determine eligibility for all sources of federal financial aid. (Please note, the accurate FAFSA results must be received by the Financial Aid Services Office prior to your last day of attendance at Daytona State.) The FAFSA is available on the Web at www.fafsa.ed.gov. The FAFSA should be completed at least five weeks prior to the beginning of the semester.

- In addition, a student will be required to supply further documentation if the student's financial aid application is selected for verification. Verification is the required federal process of checking the accuracy of the information supplied on the FAFSA. Selection is based on guidelines set up by the U.S. Department of Education. If selected for verification, the Financial Aid Services Office will send information regarding what additional information must be submitted (such as signed federal tax returns). Verification must be completed within 120 days after a student's last day of attendance, but not later than August 31, 2010. Verification is completed when all verification documents are received and when Daytona State College has received a valid processed FAFSA. The valid processed FAFSA must be received while the student is still enrolled for the award year, but no later than August 31, 2010.

College Catalog - Standards of Satisfactory Progress

Federal and state regulations require that students meet minimum standards of satisfactory progress toward completing their program of study in order to be eligible to receive financial aid funds. The standards apply to all classes attempted at Daytona State College, including those not funded through financial aid assistance. This standard is different from Daytona State's overall academic standard for eligibility to re-enroll in classes.

The financial aid satisfactory progress standards at Daytona State are defined below and are applied uniformly to all federal, state and institutional financial aid recipients. Some state programs have more stringent requirements. In order to maintain satisfactory academic progress for financial aid purposes, students must meet all of the following requirements of the policy:

- A student must maintain a cumulative grade point average (cum GPA) of at least a 2.0. (The cum GPA does not include transfer credits. The cum GPA does include remedial coursework.)

- A student must earn 67 percent of all attempted credits

- The maximum time frame for the completion of an AA, AS, AAS, BAS, BS, or certificate program of study may not exceed 150 percent of the published length of the program

Number of Credits Attempted/Earned

This standard requires students to successfully complete (with letter grade of A, B, C, D or SP) a minimum of 67 percent of the total number of credits attempted. Attempted credits include all credits in which the student is registered at the end of the add/drop period. Letter grades of F, W, I or IP will not be considered as credits successfully completed or earned. Students who repeat a course for any reason should be aware that each time you enroll in a course it counts as an attempt, but only one attempt is considered earned. Repeated courses will have an impact on a student's ability to complete his/her program within the required maximum time frame.

Grade Point Average (GPA)

Students are required to maintain a minimum cumulative grade point average of 2.0 (C grade). Refer to the Daytona State College catalog for more information regarding grading policies.

Maximum Time Frame for Completion

Federal regulations require that the school set a maximum time frame in which students are expected to complete their program of study. Under this standard, students must complete their degree or certificate within 150 percent of the published program length, including transfer credits.

For example, if the published length of an AA program is 60 credits, the maximum time frame for completion is 90 credits (that is, 60 X 1.5). This means that students can receive financial aid during the period of time they are attempting up to 90 credit hours only (including transfer credits). If the published length of a bachelor program is 120 credits, the maximum time frame for completion is 180 credits (that is 120 x 1.5). This means that students can receive financial aid during the period of time they are attempting up to 120 credit hours only (including transfer credits). If students exceed the maximum number of credits, they are no longer eligible to receive financial aid. All attempted credits, including incomplete grades and repeats, are counted toward the 150 percent maximum time frame. Also, credits earned at other colleges that are accepted are counted in the maximum credit review.

Students who change their education program or graduate and reapply to a new program must still adhere to the maximum time frame for completion. In other words, all of previous attempted credits will count towards the 150 percent time frame. Consideration will be given to students completing a second degree or certificate.

Repeated Courses

For students pursuing a degree (AA, AS, AA., BAS, BS): When repeating a course, students may receive financial aid for a course if the previous grade was an F or W. In addition, students may also receive financial aid for a repeated course if the initial grade earned does not meet the pre-requisite requirement for the next course in the sequence. Students may only receive financial aid for a repeated course once. For students pursuing a certificate: Students may not receive federal or state grants when repeating a course. Students may receive federal loans which repeating a course.

Developmental Courses

A student may receive financial aid for a maximum of 30 attempted developmental credits.

Non-Credit Courses

These courses are not eligible for Title IV assistance and do not satisfy requirements of any Title IV eligible academic program. As such they are not considered in the Standards of Satisfactory Academic Progress.

Evaluation of Satisfactory Academic Progress

For students pursuing a degree (AA, AS, AAS, BAS, BS), the evaluation of satisfactory academic progress for financial aid will occur once a year at the end of the spring semester.

For students pursuing a certificate program, the evaluation of satisfactory academic progress for financial aid will occur twice a year; at the end of the fall semester and at the end of the spring semester.

Financial Aid Probation

Students who do not achieve the first two elements of the Financial Aid Satisfactory Progress Standard (e.g., cum GPA /number of credits attempted/earned) will be placed on financial aid probation for the next semester of attendance. Students may continue to receive financial aid while on probation.

If, after the probationary semester, a student is not back in good standing, the student may be offered a subsequent probationary semester if he/she has earned a 2.0 GPA in the probationary semester AND completed all courses attempted.

A student who does not successfully complete a probationary semester will be placed on financial aid suspension for the following semester.

Financial Aid Suspension

Financial aid will not be awarded to students who do not meet Financial Aid Satisfactory Academic Progress for two consecutive semesters and any subsequent semester in which Financial Aid Satisfactory Academic Progress is not met.

Appeal Process

A student may appeal the decision of financial aid suspension or maximum credits attempted. Students must appeal in writing with supporting documentation attached. In the appeal statement, students should state those circumstances that resulted in unsatisfactory performance, and the means by which they propose to meet the requirements in the future. Documentation to verify the request for appeal based on extraordinary circumstances such as illness, death of a family member or other emergency circumstance should be attached.

Once the written appeal and supporting documents are reviewed, a decision is made on a case-by-case basis. If an appeal for not completing 67 percent of all attempted credits and/or not maintaining a 2.0 cum GPA is granted, the student will be given another probationary semester. During this semester the student must complete successfully 100 percent of the credits attempted for the semester, and earn a minimum GPA of 2.0 for each class during that semester, and any additional requirements required during the appeal approval process.

Students may be granted only one financial aid appeal for exceeding the maximum time frame for program completion. If the appeal is approved, a student may not file another financial aid appeal to increase hours again. If the student exceeds the approved hours, his/her financial aid will be suspended.

Reinstatement

Students suspended from financial aid may request a reinstatement of financial aid after successfully completing a minimum of nine (9) credits at their own expense. Students must complete 100 percent of the credits attempted and earn a minimum GPA of 2.0 for each class during that semester.

College Catalog - Student Employment

The Financial Aid Services Office provides employment assistance to currently enrolled Daytona State College students and provides employment verifications. The Student Employment Coordinator collaborates with faculty, staff and employers in providing federal work-study, institutional work-study, community service and other eligible work-based programs. The Financial Aid Services Office is located on the Daytona Beach Campus in Bldg. 100, Rm. 104. The Student Employment Coordinator may be reached at (386) 506-3023.

Federal Work-Study (FWS) - The Federal Work-Study program is a federally-funded, need-based employment program available to Daytona State students. Eligibility is based on the student's financial need as determined by the Free Application for Federal Student Aid (FAFSA).

Jobs are located at all of the college's campuses.

Community Service (FWS) - Community service Federal Work-Study is a federally-funded, need-based employment program available to Daytona State students. Eligibility is based on the student's financial need as determined by the FAFSA. These jobs can be located on or off-campus in a non-profit organization.

Community Service "Tutors" (FWS) - Community service is a federally-funded, need-based employment program available to Daytona State students. Students work as reading or math tutors. The tutors assist children to develop reading or mathematics skills. Such skills are necessary for the children's education and for future employment. Eligibility is based on the student's financial need as determined by the FAFSA. These jobs can be located on or off-campus.

Institutional Work-Study (IWS) - The Institutional Work-Study program is funded by Daytona State. Students do not have to apply for or be eligible for financial aid to secure a job. These jobs are located on campus.

Florida Work Experience Program (FWEP) - The Florida Work Experience Program is a need-based program funded by the state of Florida. The purpose of the program is to introduce eligible students to work experience that will complement and reinforce their educational program and career goals, and provide a self-help student aid program. Eligibility is based on the student's financial need as determined by the FAFSA. Students must enroll for a minimum of six credit hours and meet Florida's residency requirement. Participating in the Florida Work Experience Program is an initial stepping-stone to building your employment history. These jobs can be located on or off-campus. For additional information contact Student Success Services on the Daytona Beach Campus located in Bldg. 100, Rm. 205 or call (386) 506-3073 (Please note, the Florida Work Experience Program is part of the Division of Student Success Services.)

College Catalog - Rights and Responsibilities of Financial Aid Recipients

As consumers, students have a right to:

- Be informed of the correct procedures for applying for aid, cost of attendance, types of aid available how financial need is determined, criteria for awarding aid, how academic progress is determined, and what must be done to continue receiving aid
- Be informed of the type and amount of assistance the student will receive, and how and when the student will receive the aid
- View the contents of the student's financial aid file, in accordance with the Family Educational Rights and Privacy Act
- Know the conditions of any loan.

It is the student's responsibility to:

- Complete application materials correctly and submit them on time
- Read all materials sent from the Financial Aid Office and all agencies awarding aid, read, understand and keep copies of all forms the student signs
- Know and comply with the rules governing the aid received
- Provide additional documentation, verification, corrections and/or any new information the Financial Aid Office requests
- Comply with the provisions of any promissory note and all other agreements signed
- Use financial aid only for expenses related to attending the College
- Maintain satisfactory academic progress
- Notify the Financial Aid Office of any resources not considered during the original need analysis and aid not listed on the award letter
- Keep local and permanent addresses current at the Records Office.

College Catalog - Federal Requirements Relating to Financial Aid

As a result of the Higher Education Amendments of 1998, federal financial aid recipients who completely withdraw from all their classes or who cease attending all their classes (prior to attending more than 60 percent of the semester) will be subjected to federal requirements for the return of Title IV federal grants (Pell, ACG, SEOG, etc.) and Title IV loans (Subsidized Stafford, Unsubsidized Stafford, Parent PLUS Loans).

The law defines the amount of Federal Title IV grants and loans that the student has earned that can be used to pay for tuition or to retain as a refund. Federal funds must be returned to the federal programs if a student withdraws from all classes or ceases attending all classes prior to completing more than 60 percent of the semester. (Fall A, Fall B, Spring A, Spring B, Summer A, and Summer B are considered distinct semesters in relation to the regulation.)

The Title IV refund calculation is based upon the concept that a student must earn the amount of federal grants or loans that the student has received. A student who withdraws prior to completing more than 60 percent of the semester has not earned the entire amount of grants and/or loans the student has received and, therefore, must return the unearned portion to the appropriate program. To determine the amount of unearned assistance the student must return to the federal programs, the following steps are followed:

Step 1: Calculate the Title IV assistance earned . To calculate the amount of Title IV assistance earned by a student, Daytona State College must first determine the percentage of Title IV assistance the student earned up through the date of withdrawal. The percentage of assistance earned is equal to the percentage of the payment period or period of enrollment for which it was awarded that was completed as of the day the student withdrew. For those students who cease attending all classes without official notification of withdrawal, the withdrawal date is the mid-point of the semester. If the student withdrawal occurs after the 60 percent point, then the percentage is 100 percent. That earned percentage is applied to the total amount of Title IV grant and loan assistance that was disbursed to the student, or on the student's behalf, for the payment period or enrollment for which it was awarded as of the day the student withdrew.

Step 2: Calculate the Title IV assistance not earned . The amount of Title IV grant and loan assistance not earned by the student is calculated by determining the complement of the percentage of assistance the student earned and applying it to the total amount of grant and loan assistance that was disbursed (and that could have been disbursed) to the student, or on the student's behalf, for the payment period or period of enrollment as of the day the student withdrew.

Step 3: Calculate the amount of the student's Title IV funds which has been applied to the student's account and must be returned . Daytona State shall return to the appropriate Title IV program the lesser of the unearned amount of Title IV assistance or an amount equal to the total institutional charges the student incurs for the payment period or period of enrollment for which the assistance was awarded, multiplied by the unearned percentage of awarded Title IV grant and loan assistance. Daytona State will return the unearned percentage of awarded Title IV grant and loan assistance to the federal program(s) according to the order listed below. The student will receive a revised award letter indicating a reduction in Title IV assistance and will also receive a billing statement from the Bursar's Office indicating the amount due as a result of the refund to the federal program(s). Since Title IV assistance was reduced from the student's account and returned to the appropriate programs, the student must pay the outstanding balance by utilization of the student's own resources.

Step 4: Calculate the amount of refund Title IV funds which has been received by the student and must be returned . The student must return the unearned Title IV assistance to the appropriate federal program(s). Additionally, the student must reimburse Daytona State for the student's outstanding account balance.

Note: A student (or parent for Parent PLUS loans) repays the calculated amount attributable to a Title IV loan program according to the loan's terms. A student repays a Title IV grant program subject to repayment arrangements satisfactory to the school or the secretary's overpayment collection procedures. A student shall not be required to return 50 percent of the grant assistance received that is the responsibility of the student to repay.

Order of return of Title IV funds . Funds are returned by the school in the following order:

- Unsubsidized Stafford Loan
- Subsidized Stafford Loans
- Parent PLUS Loan
- Federal Pell Grant
- Federal Academic Competitiveness Grant
- Federal Supplemental Educational Opportunity Grant

Examples of the application of the Title IV Refund Policy are available from the Financial Aid Office at the Daytona Beach Campus upon request.

College Catalog - Tuition and Payment Information

Tuition and Payment Information

Tuition is generally due within 10 business days or less. Please refer to your **Schedule and Fee Statement** for the payment deadline dates after each registration activity. If fees are not paid by the due date, your registration will be canceled and your classes dropped. After classes begin, additional late registration fees or reinstatement fees may apply and payment of all charges will be due at the time of registration. If you are canceled one time for non-payment, and subsequently re-register, your bill will be due in one business day.

You may pay your tuition and fees by cash, check, money order, debit card, VISA, MasterCard, Discover Card or American Express. Online payment processing is available through the MyDaytonaState portal. Payments may also be made in person at any campus or by mail. Please DO NOT SEND CASH BY MAIL.

YOU SHOULD KNOW THAT:

Daytona State's tuition and fees are based upon your status as a legal permanent Florida resident. Daytona State follows the state's guidelines regarding residency for tuition purposes. See Florida Residency for Tuition Purposes. Students who have not completed the residency process completely, or those whose residency cannot be determined, will be charged the non-resident rate until a final determination is made.

Fees to audit a course are the same as the cost of a credit course.

Many courses require lab fees, distance learning fees, and/or insurance fees in addition to per credit tuition charges.

Full-cost charges (equivalent to non-resident tuition charges) will be assessed to students who repeat a course(s) for the third time. See Full Cost of Instruction, Maximum Attempts, Grade Forgiveness and Withdrawals for more information.

You should bring sufficient funds to meet immediate needs. Personal checks are accepted only for the exact amount of fees.

Since many of our graduates will eventually transfer to a state university, students should be aware of a new provision affecting the tuition charges at the universities. Effective fall 2009, a student who attempts greater than 120 percent of the credits needed for a baccalaureate degree will be charged a 50 percent surcharge for each subsequent credit. The 12 percent limit will include all credit hours earned at another institution and accepted for transfer by the state university. This law was passed by the Legislature to encourage each student to complete the baccalaureate degree in the most efficient way possible.

If you need financial assistance, contact the Financial Aid Office before you register.

All unpaid obligations, regardless of whether they are past due or current, result in a hold being placed on student records, diplomas, transcripts and registration activity until the obligation is paid in full.

Tuition and Fee Schedule 2009-2010 (Tuition and fees are subject to change based on legislative action and/or at the discretion of the District Board of Trustees.)

1. Application Fee

There is no charge to apply for admission to Daytona State College, except for international students who are assessed a $50 non-refundable application fee. The College does charge a one-time, non-refundable $20 assessment fee to all students, including international students, at the time of initial enrollment.

2. College Credit and College Preparatory Credit Courses

Florida Residents - $87.88 per credit hour
Non-residents - $331.40 per credit hour
Access Fee - $30 per semester
Distance Learning Course Fees - $25 per credit hour
Lab Fees (vary by course) - $3 - $280

3. Fees for Vocational Credit Courses

Florida Residents - $72.21 per credit hour
Non-residents - $288.80 per credit hour
Access Fee - $30 per semester
Distance Learning Course Fees - $25 per credit hour
Lab Fees (vary by course) - $3 - $280

4. Baccalaureate Fees

Florida Residents - $97.45 per credit hour
Non-residents - $589.38 per credit hour
Access Fee - $30 per semester
Distance Learning Course Fees - $25 per credit hour

5. Apprenticeship Courses

Apprenticeship students are exempt from registration, matriculation and laboratory fees for instruction.

6. Fees for Continuing Workforce Education

Fees for these courses, designed to upgrade the skills of workers currently or formerly employed in a specific occupation, must cover the full cost of instruction.

7. Fees for Adult Education Courses

Daytona State High School Courses - *No Charge
GED Preparation - No Charge
Basic Adult Education Courses - No Charge

*A fee is charged to students who already have earned a high school diploma or equivalent and who wish to enhance their skills. The fee is based on a $35.33 per credit hour equivalent for Florida residents and $142.12 per credit hour for non-residents.

8. Assessment/Testing Fees

Credit by Exam (APLE) - $35/test
Portfolio (APLE) - $60/course
CLEP - $97/test
CPT Retest - $10/test
TEAS - $40/test
CAT CLAST (Non-Daytona State Student) - $30/test
Non-Daytona State Student Test Fee - $30/test
CJ-BAT - $40/test
GED (Full Battery) - $70/test
GED (Per Section) - $14/test

9. Veterans Deferment of Fees

Veterans eligible for VA education benefits are granted a deferment once per academic year. The deferment may be for up to 60 days, but will always be due before the end of the semester. Consult the Veterans Specialist in Bldg. 100, Rm. 208 on the Daytona Beach Campus.

10. Recreation & Leisure, Self-Supporting Courses, Seminars, Workshops, Conferences

Fees will be determined separately for each activity and will be stated in the individual activity announcement. The activity may be canceled because of insufficient enrollment.

11. Graduation Fees

Primary Degree (Non-Refundable) - $25
Each Additional Degree - $10

Duplicate Diploma - $10
College Credit and PSAV Certificates - $10 for the initial certificate. There is no charge for additional certificates earned by the student
High School Diploma - $10

In addition, all students who participate in either the college or high school graduation ceremony must pay the cost for their academic regalia (cap and gown).

Please be aware of the graduation application dates and deadlines. The fee will entitle the graduate to a diploma, if qualified, and to participate in the commencement ceremonies. Daytona State reserves the right to certify each student as a completer once he or she has completed all requirements for the degree or certificate, regardless of whether they have completed an application for graduation. Students who do not complete the graduation application process will not receive a diploma or have the degree certificate statement on their official transcript.

12. Other Fees

Returned Check (per Florida Statute) Minimum - $25
Late Registration Fee - $25 per course
Reinstatement Fee - $50 per course
Official Transcript Fee - $5 per transcript
First Parking Permit - No Charge
Additional Parking Permits - $10 each
*Parking Fines - $5, $7.50, $10

*Unpaid fines will result in a hold on student records, diplomas, transcripts and future registrations. Repeat offenders may be towed at the owner's expense.

13. Collection Costs

If obligations are not paid in full upon notification by the College, these debts may be referred to an outside collection agency and to appropriate credit bureaus. Resulting collection costs will be added to the original debt and the student must pay these costs, as well as attorney's fees if applicable. Furthermore, all unpaid obligations will result in a hold on student records, diplomas, transcripts and future registration activity.

College Catalog - Types of Financial Aid

Financial aid is available in the form of grants, scholarships, work-study and loans. Grants are usually based on financial need and do not have to be repaid. Scholarships are usually awarded for academic merit or achievement and do not have to be repaid. Work-study positions are jobs that enable students to earn funds to assist with educational expenses. Loans usually must be repaid in cash. Student loan programs have varying rates and repayment provisions.

The Free Application for Federal Student Aid (FAFSA) must be completed to apply for all need-based federal, state and institutional sources of financial aid.

In general, students must be enrolled at least half-time to receive financial aid. However, some aid programs require students to enroll in and maintain full-time status. The following are the major financial aid programs that Daytona State's Financial Aid Services Office administers:

A. Grants

Federal Pell Grant - Funded by the federal government, this need-based grant is designated for undergraduate students working toward a first bachelor's degree. The amount of grant a student is eligible to receive is determined by the cost of attendance, the Expected Family Contribution (EFC), the length of the program of study and the student's enrollment status. The cost of attendance includes such items as tuition, fees, books and supplies. The EFC is derived from the information supplied by the student on the FAFSA. Eligible students enrolled in a program of study that is less than 30 weeks per academic year (fall and spring semesters) will receive a prorated Pell award. Eligible students enrolled in a program of study that is less than 24 college credits or less than 30 vocational credits (900 clock hours) per academic year (fall and spring semesters) will receive a prorated Pell award. For Pell Grant awarding purposes (applicable to college credits), 12 college credits per semester is considered full-time enrollment; 9-11 college credits per semester is considered three-quarter time enrollment; six to eight college credits per semester is considered half-time enrollment; and one to five college credits per semester is considered less than half-time enrollment. For Pell Grant awarding purposes (applicable to vocational credits), 15 vocational credits (450 clock hours) per semester is considered full-time enrollment. The full-time award is prorated for all vocational credits less than 450 clock hours.

Pell Grants range from $400-$4,731 for full-time attendance during an academic year. (For Pell Grant purposes, an academic year consists of 30 weeks during which a student may complete 24 college credits or 30 vocational credits [900 clock hours]).

Federal Supplemental Educational Opportunity Grant (FSEOG) - Funded by the federal government, this need-based grant is designated for undergraduate students working toward a first bachelor's degree. Eligibility is based on exceptional financial need. The maximum grant per semester at Daytona State is $150. Funds are limited.

Florida Student Assistance Grant (FSAG) - Funded by the state, this need-based grant is designated for eligible Florida residents enrolled in college credit degree programs. Award levels are based on state appropriations and vary each year. Specific renewal requirements must be met. Funds are limited.

Renewal Requirements for FSAG

- Must have a 2.0 cumulative GPA. (Only college credit courses are calculated in the GPA; remedial classes are excluded.)
- Full- time students must have successfully completed 12 credit hours for each semester for which an award was received;
- Three-quarter time students must have successfully completed nine credit hours for each semester for which an award was received;
- Half-time students must have successfully completed six credit hours for each semester for which an award was received;
- May receive an award of up to nine semesters within a period of six consecutive years after receipt of the first FSAG award;
- Must have completed 67 percent of all attempted classes.
- Must have not withdrawn from all fall classes or received F grades due to non-attendance. (Applicable to spring eligibility)

Daytona State Need Grant - Funded by the College, this need-based grant is designated for undergraduate students who have not previously completed a baccalaureate or professional degree and who are pursuing the AA, AAS, AS, BAS or BS degree or eligible college credit certificate programs. Eligibility is based on financial need. The maximum grant per semester is $1,000. Funds are limited.

Daytona State Vocational Need Grant - Funded by the College, this need-based grant is designated for undergraduate students who have not previously completed a baccalaureate or professional degree and who are enrolled in an eligible post-secondary adult vocational certificate program. Eligibility is based on financial need. The maximum grant per semester is $1,000. Funds are limited.

Bureau of Indian Affairs (BIA) Higher Education Grants - Funded by the U.S. BIA. These funds are available to students pursuing the AA degree who demonstrate need. Eligible students must be members of, or at least one-quarter degree Indian Blood descendent of members of a federally recognized American Indian tribe that is served by BIA.

For more information contact BIA at (202) 208-3710 or visit the Web site at http://www.doi.gov/bureau-indian-affairs.html

B. Scholarships

Air Force Scholarships - ROTC - The USAF offers ROTC academic scholarships to students who meet specific requirements. These scholarships cover the cost of tuition and books, plus provide the student $250 tax free subsistence allowance per month. For more information contact AF ROTC, Embry-Riddle Aeronautical University, 600 S. Clyde Morris Boulevard, Daytona Beach, Florida 32114-3900 or call (386) 226- 6880.

Athletic Scholarships - Daytona State offers a limited number of scholarships to students who are participating in specified activities through the Athletic Department. Students must enroll full-time in a program leading to an AA, AAS, AS,BAS, or BS degree, and follow the Standards of Progress. Students must complete the FAFSA. The Athletic Department determines which students are eligible for the scholarship. The amount of the scholarship varies each year.

Performing Arts Scholarships - These fee waivers will pay a portion of a student's tuition for classes in the areas of music, drama or dance. Fee waivers are awarded on a semester-by-semester basis, pending availability of funds. The performing arts department determines which students are eligible. The amount varies each year.

SGA Scholarship - Daytona State offers a limited number of scholarships to students who are participating in the Student Government Association. Students must complete the FAFSA. The Assistant Dean of Student Activities determines which students are eligible for the scholarship. The scholarship amount varies with each position. Funds are limited.

Publication Scholarship - Daytona State offers a limited number of scholarships to students who are participating in student publications. Students must complete the FAFSA. The Assistant Dean of Student Activities determines which students are eligible for the scholarship. The scholarship amount varies with each position. Funds are limited.

Activities Scholarship - Daytona State offers a limited number of scholarships to students who are participating in cheerleading. The Assistant Dean of Student Activities determines which students are eligible for the scholarship. The scholarship amount varies. Funds are limited.

Florida Bright Futures Scholarship Program - Funded by the Florida Lottery, scholarships are awarded to Florida high school graduates who demonstrate high academic achievement. This scholarship program has three award levels - the Florida Academic Scholars Award, the Florida Medallion Scholars Award, and the Florida Gold Seal Vocational Scholars Award. Applications, application deadlines, eligibility criteria and award amounts are available from high school guidance counselors. Students must be enrolled in a minimum of six college credits for fall and/or spring. Specific renewal requirements must be met.

Daytona State College Foundation Scholarships - The Daytona State College Foundation provides scholarships, grants and loans to students who might otherwise not be able to afford a college education. The Foundation offers scholarships that have been established by outside donors. Listings of these scholarships, with their own specific criteria as established by the donors, are available each semester and are posted on the Daytona State Web site. (http://daytonastate.edu/finaid/). The Financial Aid Services Office is located in Bldg. 100, Rm. 104, on the Daytona Beach Campus. Foundation scholarship lists and online application process are available at the Financial Aid Services Office or at the Question and Answer Centers at each campus. Please contact the Supervisor of Foundation Scholarships at (386) 506-4422 for additional information.

Other State of Florida Programs - Additional scholarship programs such as Seminole/Miccosukee Indian Scholarship and Scholarships for Children of Deceased or Disabled Veterans are available. Students should contact their high school guidance counselors or the Florida Office of Student Financial Assistance for criteria, applications and deadlines.

C. Work

Federal Work-Study (FWS) - The FWS program provides part-time employment to students who have financial need. Students are paid an hourly rate and are placed in jobs on campus or in community service jobs off campus. Work schedules are arranged around the student's class schedule. Students work an average of 20 hours per week. Funds are limited.

Institutional Work-Study (IWS) - Daytona State's IWS program provides part-time employment to students. Students are paid an

hourly rate and are placed in jobs working on campus. Work schedules are arranged around the student's class schedule. Students work an average of 20 hours per week. Eligibility is not based on need. Funds are limited.

Florida Work Experience Program (FWEP) - The Florida Work Experience Program provides eligible Florida students the opportunity to secure part-time work experiences, which are complementary to and reinforce their educational program and career goals. Specific GPA and earned credit hour requirements must be met. FWEP is awarded to students demonstrating need. Funds are limited. Specific renewal requirements must be met.

D. Loans

Loans usually must be repaid in cash. It is important that students budget their money effectively and borrow responsibly. Student loan programs have varying rates and repayment provisions. Loan payments to students are made in two disbursements. A student attending both fall and spring semesters will receive one disbursement of one-half of the total loan proceeds per semester (as long as a minimum of half-time [six credits] enrollment is maintained). A student attending one semester (fall or spring) will receive the loan proceeds of one-half of the total loan amount in two disbursements. Per Federal regulations, the second half of the loan may not be disbursed until a minimum of one-half of the semester has elapsed. A loan disbursement will not be made after a student ceases to be enrolled in at least six credit hours.

The loans available at Daytona State are listed below:

Federal Subsidized Stafford Loan - Federal Subsidized Stafford Loans are made by a lender such as a bank or credit union. Eligibility is based on financial need. The loan's interest rate is 5.6 percent for loans disbursed after July 1, 2009. Students must be enrolled in an eligible program at least half-time. First-year students may be eligible to borrow up to an annual maximum of $3,500. Students who have successfully completed their first year (30 credits) may borrow up to an annual maximum of $4,500.* The maximum loan amount will be reduced utilizing a proportional pro-ration for those academic programs less than 24 college credits or 30 vocational credits (900 clock hours) and/or 30 weeks per academic year (fall and spring semesters). The lender will charge a 1½ percent origination fee. The Guarantee Agency may charge a maximum 1 percent loan default fee. Loan repayments generally begin six months after the student graduates, leaves school or drops below half-time enrollment.

*BAS or BS students admitted at the junior or senior status to the program may borrow up to the annual maximum of $5,500.

Federal Unsubsidized Stafford Loans - Federal Unsubsidized Stafford Loans are available for students who do not qualify, in whole or in part, for Subsidized Federal Loans. Students must be enrolled in an eligible program at least half-time. The loan has a fixed interest rate of 6.8 percent. Dependent students may be eligible to borrow an additional $2,000 unsubsidized Stafford Loan per year. Independent students may be eligible to borrow up to an annual maximum of $6,000* in additional Federal Unsubsidized Stafford Loans if remaining eligibility exists. The maximum loan amount will be reduced utilizing a proportional pro-ration for those academic programs less than 24 college credits or 30 vocational credits (900 clock hours) and/or 30 weeks per academic year (fall and spring semester). With few exceptions, the Unsubsidized Loan's terms and conditions are the same as Subsidized Stafford Loans. However, the government does not pay the interest during in-school and deferment periods. The student is responsible for paying the interest. The lender will charge a 1 percent origination fee. The Guarantee Agency may charge a maximum 1 percent loan default fee.

*BAS or BS students admitted at the junior or senior status to the program and determined to be independent may borrow up to the annual maximum of $7,000.

Federal Parent PLUS Loans - Federal Parent PLUS Loans enable parents with good credit histories to borrow for educational expenses of their dependent children. Students must be enrolled in an eligible program at least half time. The loans are made by lenders such as banks or credit unions who charge a 3 percent origination fee. The Guarantee Agency also may collect a loan default fee of 1 percent. The interest rate is fixed at 8.5 percent. Parent PLUS borrowers may borrow up to the cost of education minus any estimated financial assistance the student has been, or will be, awarded for the period of enrollment. Borrowers generally must begin repayment on the loans within 60 days after the funds are disbursed. The borrower may request a deferment of repayment if the student is enrolled at least half time.

Please Note: When a student accepts a loan as part of his/her award, the student must understand that he/she is incurring a serious financial obligation. The student must repay the loan in full, along with all interest and additional fees (collection, legal, etc.). It is very important that the student realize that loan payments must be made in the future to satisfy this obligation. Students who accept a Stafford Loan while at Daytona State College will be required to complete loan entrance counseling and loan exit counseling to review repayment obligations.

To apply for a federal Stafford Loan, the student must first complete a FAFSA. The student will be notified via the award letter of loan eligibility and must complete a Federal Stafford Master Promissory Note (MPN) each year. Allow approximately four to six weeks from the initial date of the loan application for processing to be completed.

Before borrowing under one or more of the Federal Family Education Loan Programs, investigate the possibility of grant and/or scholarship assistance available from the state of permanent residency. Award amounts and program availability may be subject to

change after this information is printed based on federal and state appropriations.

Emergency Loans - Emergency loans are provided by Daytona State to assist students who are experiencing extreme financial hardships that have a direct impact on their ability to function in the classroom. This financial hardship, if not addressed, usually reduces the student's quality of life and that of dependent family members.

Emergency loans are handled by the Financial Aid Services Office. A student may apply for an emergency loan to purchase required course equipment and other supplies that are not available in the Daytona State College bookstore. Also, emergency loans, by referral, are available to pay for a student's licensure examination.

Students requesting emergency loans are asked to complete an application in the Financial Aid Services Office located on the Daytona Campus in Bldg. 100, Rm. 104, or the student may contact the Coordinator of Emergency Loans at (386) 506-3013 for additional information.

College Catalog - Typical Costs Associated with Attending Daytona State College

Most individuals calculate the cost of a college education by the amount of tuition and fees charged plus the cost of books and supplies. These are direct educational expenses. There are, however, indirect educational expenses, such as personal and transportation expenses, for which students will need to budget. Below lead are charts illustrating examples of both in-state and out-of-state budgets for full-time college credit and vocational credit students for one academic year (Fall and Spring Semesters).

Example vocational credit budget

Direct Educational Costs (Estimated)		
	In-State	Out-of-State
Tuition (24 vocational credits) *	$1,540	$6,156
Indirect Educational Costs (Estimated)		
Books & Supplies	$900	$900
Room & Board	$2,128 (dependent)	$2,128 (dependent)
	$10,000 (independent)	$10,000 (independent)
Personal	$1,624 dependent	$1,624 dependent
	$1,600 independent	$1,600 independent
Transportation	$1,000 dependent	$1,000 dependent
	$1,800 independent	$1,800 independent
Total Budget	$7,192 (dependent)	$11,808 (dependent)
	$15,840 (independent)	$20,456 (independent)

Some programs of study have additional costs. Please refer to the Program Descriptions.

Please note, Daytona State College does not provide dormitories.

*Based on 2008-2009 rates. The 2009-2010 rates may increase due to legislative action and/or District Board of Trustees action.

Example college credit budget

Direct Educational Costs (Estimated)		
	In-State	**Out-of-State**
Tuition (24 college credits)	* $1,878	* $7,064
Indirect Educational Costs (Estimated)		
Books & Supplies	$900	$900
Room & Board	$2,128 (dependent)	$2,128 (dependent)
	$10,000 (independent)	$10,000 (independent)
Personal	$1,624 dependent	$1,624 dependent
	$1,600 independent	$1,600 independent
Transportation	$1,000 dependent	$1,000 dependent
	$1,800 independent	$1,800 independent
Total Budget	$7,530 (dependent)	$11,808 (dependent)
	$16,168 (independent)	$20,456 (independent)

Some programs of study have additional costs. Please refer to the Program Descriptions.

Please note: Daytona State College does not provide dormitories.

Please note: Tuition for in-state BAS students: * $2,082; out-of state BAS: * $12.792

*Based on 2008-2009 rates. The 2009-2010 rates may increase due to legislative action and/or District Board of Trustees action.

College Catalog - Veterans Affairs

Veterans and Others Applying for Veterans Administration Educational Assistance

Daytona State College is an approved institution for veterans training. Veterans eligible for Veterans Administration (VA) benefits must be certified through the College's Veterans' Services office to receive educational benefits. Eligible veterans must also meet Daytona State admission requirements. Application for VA benefits should be started as soon as possible as approval of benefits can take as long as 90 days. Course approval and certification is required each semester through the Daytona State Veterans' Services office. Veterans eligible for benefits must also adhere to the following standards:

Program Length and Course Approval

All degree programs are approved for a specific number of credit hours. Eligible veterans will not be certified by the VA or paid by the VA for courses past the approved length. The VA will pay only for required courses in an approved program. This also applies to vocational certificate programs which are measured in either semester hours or vocational/clock hours.

Satisfactory Progress - Standards of Progress

Students must maintain satisfactory academic progress and conduct to continue to receive VA educational benefits. Educational benefits will be suspended for unsatisfactory progress for the following: Any semester that an eligible veteran receives all grades of "I," "F" or a combination. Any two (2) consecutive semesters that an eligible veteran's GPA falls below 2.0. VA educational benefits will be suspended until: documentation of extenuating circumstances is provided; the veteran attends a minimum of one (1) semester at their expense and attains a minimum of a 2.0 GPA; or the veterans' services officer determines the cause has been eliminated, and the educational program being pursued is suited to the person's aptitudes, interests and abilities.

Academic Standards - Grade Notification

An eligible veteran who receives a grade, or grades, of "X," "S" or "W" will have their credit hours adjusted accordingly for benefit purposes. The veteran would be responsible for reimbursement of any overpayment of benefits from the first day of the term to the effective date the grade was issued.

Attendance Standards

Vocational Certificate/Short-Term Programs - VA regulations require attendance records be kept on all eligible persons enrolled in programs not leading to a standard college degree. Eligible persons will have their VA benefits suspended from vocational certificate programs if they accumulate three or more unexcused absences during any calendar month. Three tardy days count as one absence; two partial days count as one absence. An eligible person whose benefits are suspended for excessive absences may be reinstated once during a semester upon written permission of the program chairperson or instructor. Additional instances are considered unsatisfactory progress. Students enrolled in short-term programs must also adhere to current Veteran Administration regulations and standards of progress that apply. Students who fail to maintain satisfactory progress are not permitted to continue enrollment in their program and will not be certified to receive benefits. Eligible veterans will have their certifications terminated if they are absent 10 percent or more of the total hours in a given enrollment period (or cumulative absences exceed 10 percent of the total number of hours in the program).

VA Contacts

The Office of Veterans' Services is located on the Daytona Campus, Bldg. 100, Rm. 208X. Office hours are: Monday, Tuesday and Thursday, 9 am to 6 pm; Wednesday, 9 am to 7 pm; Friday. 9 am to 5 pm. To contact Daytona State 's Veterans' Service Coordinator, call (386) 506-3065, or e-mail shotwer@DaytonaState.edu.

For additional information or questions, contact the Department of Veterans Affairs Regional Office at 1-888-442-4551 or e-mail http://www.gibill.va.gov/.

College Catalog - What Determines Dependency

When a student applies for federal student aid, the answers to certain questions will determine whether the student is considered dependent on their parents or whether the student is considered independent. A dependent student must report the parents' income and assets as well as the student's income and assets. An independent student must report only the student's own income and assets (and those of the student's spouse, if married).

A student is considered independent if at least one of the following applies to the student:

- the student was born before January 1, 1986;
- the student is married;
- the student has children or legal dependent(s) (other than a spouse) who receive more than half of their support from the student;
- at any time since the student turned age 13, both of the student's parents are deceased, the student was in foster care, or the student was a ward of the court ;
- the student is currently serving on active duty in the U.S. Armed Forces for purposes other than training;
- the student is a veteran of the U.S. Armed Forces;
- the student is an emancipated minor as determined by a court in the student's state of legal residence
- the student is in legal guardianship as determined by a court in the student's state of legal residence;
- at any time on or after July 1, 2008, the student's high school or school district homeless liaison, or director of an emergency shelter or transitional housing program funded by the U.S. Department of Housing and Urban Development determined that the student was an unaccompanied youth who was homeless; or
- at any time on or after July 1, 2008, the director of a runaway or homeless youth basic center or transitional living program determined that the student was an unaccompanied youth who was homeless or was self-supporting and at risk of being homeless.

If a student cannot answer "yes" to one of the above questions, the student is dependent and parental information must be reported.

Accounting Applications/Computerized

03/26/2009 M - 28.

Program Description

The program provides a solid foundation in theory and practice needed to work in the field of accounting.

Credits earned in this certificate may be applied toward the AAS or AS degree in Accounting Technology.

Note: This program is eligible for federal financial aid and state bright futures.

Program Specific Courses

Course	Title	SEM HRS	
ACG2022	Principles of Financial Accounting	4.00	
APA1111	Computerized Accounting/Bookkeeping I	4.00	
APA1121	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
APA1711	Computer Spreadsheet	3.00	
FIN1100	Personal Financial Planning	3.00	
FIN2000	Principles of Finance	3.00	
QMB1001	Business Math	3.00	
TAX2000	Personal Income Tax	3.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
APA1111	Computerized Accounting/Bookkeeping I	4.00	
APA1711	Computer Spreadsheet	3.00	
QMB1001	Business Math	3.00	
TAX2000	Personal Income Tax	3.00	
… …	**2nd Semester**		
ACG2022	Principles of Financial Accounting	4.00	
APA1121	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
FIN1100	Personal Financial Planning	3.00	
FIN2000	Principles of Finance	3.00	
TOTAL	…	**27.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Accounting Technology

Program Description

The program provides a solid foundation in basic accounting theory as well as accounting practice including financial planning and taxation. Students apply their practical knowledge of these areas through computer simulations.

Graduates of this program are eligible to be enrolled in Daytona State College, Bachelor of Applied Science in Supervision and Management program. Call (386) 506-4227 or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ECO2013	*1* Principles of Macro Economics	3.00	*Co-Reqs: ENC1101*
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033 OR MAC1105*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*

Course	Title	SEM HRS	
… …	**Historical and Global Core - CHOOSE ONE**		
AMH2010	United States History to 1877	3.00	*Co-Reqs: ENC1101*
AMH2020	US History 1865 to Present	3.00	*Co-Reqs: ENC1101*
AMH2042	American Social History 1860 to Present	3.00	*Co-Reqs: ENC1101*
AMH2045	American Maritime History	3.00	*Co-Reqs: ENC1101*
AMH2059	The Vietnam War	3.00	*Co-Reqs: ENC1101*
AMH2091	Survey of African American History	3.00	*Co-Reqs: ENC1101*

EUH2000	History of Western Civilization to 1648	3.00	*Co-Reqs: ENC1101*
EUH2001	History of Western Civilization from 1648 to Present	3.00	*Co-Reqs: ENC1101*
GEO2000	World Geography	3.00	*Co-Reqs: ENC1101*
GEO2420	Cultural Geography	3.00	*Co-Reqs: ENC1101*
INR2002	International Relations	3.00	*Co-Reqs: ENC1101*
PHI2001	Introduction of Philosophy I	3.00	*Pre-Reqs: ENC1101*
PHI2600	Introduction to Ethics	3.00	*Pre-Reqs: ENC1101*
REL2300	World Religion	3.00	*Co-Reqs: ENC1101*
WOH2012	World History I	3.00	*Co-Reqs: ENC1101*
WOH2022	World History II	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
ACG2022 *2*	Principles of Financial Accounting	4.00	
ACG2071	Principles of Managerial Accounting	4.00	*Pre-Reqs: ACG2022*
APA1111 *2*	Computerized Accounting/Bookkeeping I	4.00	
APA1121 *2*	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
APA1711 *2*	Computer Spreadsheet	3.00	
BUL2241	Business Law I	3.00	
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*
FIN1100 *2*	Personal Financial Planning	3.00	
FIN2000 *2*	Principles of Finance	3.00	
GEB1011	Introduction to Business	3.00	
GEB2430	Business Ethics	3.00	*Co-Reqs: ENC1101*
QMB1001 *2*	Business Math	3.00	
TAX2000 *2*	Personal Income Tax	3.00	

Sample Program of Study

Course	Title	
… …	**FIRST YEAR**	
… …	**1st Semester**	

Course	Title	SEM HRS
APA1111	Computerized Accounting/Bookkeeping I	4.00
BUL2241	Business Law I	3.00
ENC1101	College Composition	3.00
GEB1011	Introduction to Business	3.00
QMB1001	Business Math	3.00

2nd Semester

Course	Title	SEM HRS	
ACG2022	Principles of Financial Accounting	4.00	
APA1121	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
APA1711	Computer Spreadsheet	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033 OR MAC1105*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*

Summer Semester

		SEM HRS

… …	**Historical and Global Core**	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

… …	**SECOND YEAR**	
… …	**1st Semester**	

		SEM HRS	
ACG2071	Principles of Managerial Accounting	4.00	*Pre-Reqs: ACG2022*
ECO2013	Principles of Macro Economics	3.00	*Co-Reqs: ENC1101*
GEB2430	Business Ethics	3.00	*Co-Reqs: ENC1101*
TAX2000	Personal Income Tax	3.00	

		SEM HRS	
… …	**2nd Semester**		
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*
FIN1100	Personal Financial Planning	3.00	
FIN2000	Principles of Finance	3.00	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	

TOTAL	…	**64.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

1. ECO2013 fulfills Behavioral and Social Sciences Core requirement for AS/AAS degree programs only.

2. Course counts toward the following certificates: Operations/Tax Preparation (Code 0935) or Accounting Application/Computerized (Code 0943)

Accounting Technology

Program Information

A.A.S. Degree - Code 3500 - Catalog 2009/2010

Kim Titus, Assistant Chair, 386-785-2042, titusk@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

The program provides a solid foundation in basic accounting theory as well as accounting practice including financial planning and taxation. Students apply their practical knowledge of these areas through computer simulations.

Graduates of this program are eligible to be enrolled in Daytona State College, Bachelor of Applied Science in Supervision and Management program. Call (386) 506-4227 or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ECO2013 *1*	Principles of Macro Economics	3.00	*Co-Reqs: ENC1101*
ENC1101	College Composition	3.00	
MAT1033 *2*	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
ACG2022 *4*	Principles of Financial Accounting	4.00	
ACG2071	Principles of Managerial Accounting	4.00	*Pre-Reqs: ACG2022*
ACG2949 *3*	Cooperatived Education Experience in Accounting	2.00	
APA1111 *4*	Computerized Accounting/Bookkeeping I	4.00	
APA1121 *4*	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*

APA1711 *4*	Computer Spreadsheet	3.00	
BUL2241	Business Law I	3.00	
FIN1100 *4*	Personal Financial Planning	3.00	
FIN2000 *4*	Principles of Finance	3.00	
GEB1011	Introduction to Business	3.00	
GEB2430	Business Ethics **OR**	3.00	*Co-Reqs: ENC1101*
MNA2161	Quality Service Management	3.00	
OST1330	Business English	3.00	
OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
QMB1001 *4*	Business Math	3.00	
TAX2000 *4*	Personal Income Tax	3.00	

Sample Program of Study

Course	Title		
… …	**FIRST YEAR**		
… …	**1st Semester**		
		SEM HRS	
APA1111	Computerized Accounting/Bookkeeping I	4.00	
FIN1100	Personal Financial Planning	3.00	
GEB1011	Introduction to Business	3.00	
OST1330	Business English	3.00	
QMB1001	Business Math	3.00	
… …	**2nd Semester**		
		SEM HRS	
ACG2022	Principles of Financial Accounting	4.00	
APA1121	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
APA1711	Computer Spreadsheet	3.00	
ENC1101	College Composition	3.00	
… …	**Summer Semester**		
		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**SECOND YEAR**		
… …	**1st Semester**		
		SEM HRS	
ACG2071	Principles of Managerial Accounting	4.00	*Pre-Reqs: ACG2022*
ECO2013	Principles of Macro Economics	3.00	*Co-Reqs: ENC1101*
OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
TAX2000	Personal Income Tax	3.00	
… …	**2nd Semester**		
		SEM HRS	
ACG2949	Cooperatived Education Experience in Accounting	2.00	
BUL2241	Business Law I	3.00	
FIN2000	Principles of Finance	3.00	
GEB2430	Business Ethics **OR**	3.00	*Co-Reqs: ENC1101*
MNA2161	Quality Service Management	3.00	
TOTAL	…	**64.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

1. ECO 2013 fulfills Behavioral and Social Sciences Core requirement for AS/AAS degree programs only.

2. MAT 1033 fulfills general education requirements for AAS degree programs only.

3. ACG2949 Cooperative education Experience in Accounting is determined by Assistant Chair for a value of 1 - 4 semester hours.

4. Course counts toward the following certificates: Operations/Tax Preparation (Code 0935) or Accounting Application/Computerized (Code:0943).

Accounting Technology Operations - Tax Preparation

Program Information

A.S. Certificate - Code 0935 - Catalog 2009/2010

Kim Titus, Assistant Chair, 386-785-2042, titusk@daytonastate.edu

School of Applied Business, 386-506-3012

07/10/2009 M - 26

Program Description

The program provides a solid foundation in theory and practice needed to work in the field of tax preparation.

Credits earned in this certificate may be applied toward the AAS or AS degree in Accounting Technology.

Note: To ensure Financial Aid program eligibility, students need to also be accepted to the parallel associate degree program.

Program Specific Courses

Course	Title	SEM HRS	
APA1111	Computerized Accounting/Bookkeeping I	4.00	
APA1121	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
APA1711	Computer Spreadsheet	3.00	
FIN1100	Personal Financial Planning	3.00	
OST1141	Keyboarding	1.00	
TAX2000	Personal Income Tax	3.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
APA1111	Computerized Accounting/Bookkeeping I	4.00	
APA1711	Computer Spreadsheet	3.00	
FIN1100	Personal Financial Planning	3.00	
OST1141	Keyboarding	1.00	
… …	**2nd Semester**		
APA1121	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
TAX2000	Personal Income Tax	3.00	
TOTAL	…	**18.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Addictions Studies Specialization

Program Description

The purpose of this program is to prepare students with the knowledge and skills needed in addictions counseling and rehabilitation agencies. Completers are prepared for entry level jobs skills to assist addiction specialists, substance abuse counselors and social practitioners. Credits earned in this certificate program may be applied toward the AS Degree in Human Services (Generalist and Addictions Specialization).

Note: Financial aid eligibility for this program is pending.

Approximate Additional Costs

FDLE Background Check - $24

Additional Admission Requirements

-Program Prerequisites (courses must be completed with a grade of 'C' or better): ENC 1101 (College Composition) and MAT 1033 (Intermediate Algebra).

-Attend mandatory program orientation

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance is contingent upon satisfactory results of the FDLE screening. Some exceptions may apply depending on externship facility placement.

-Clinical agencies may elect to do a more extensive background check in addition to the initial requirement.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	*I*Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
HUS1001	Introduction to Human Services	3.00	*Co-Reqs: PCO2202*
HUS1332	Advanced Counseling/Interview Skills	3.00	*Co-Reqs: HUS1850*
			Pre-Reqs: HUS1001 AND PCO2202
HUS1850	Human Services Externship I	1.00	*Co-Reqs: HUS1332*
			Pre-Reqs: HUS1001 AND PCO2202
			Conc-Reqs: HUS1850L
HUS1850L	Human Services Externship I Lab	3.00	*Conc-Reqs: HUS1850*

HUS2008	Survey of Counseling Theory and Practice	3.00	
HUS2441	Addictions, Families, and Communities	3.00	
HUS2424	Addictions and Treatment	3.00	
HUS2500	Issues and Ethics in Human Services	3.00	*Co-Reqs: HUS2852 AND CLP2140*
HUS2933	Human Services Seminar	1.00	
PCO2202	Counseling Techniques	3.00	
PSB2442	Addictions I - Psychology of Addictions	3.00	

Sample Program of Study

Course	Title		
… …	**Prerequisite Courses**		
		SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*

… …	**1st Semester - Fall**		
		SEM HRS	
HUS1001	Introduction to Human Services	3.00	*Co-Reqs: PCO2202*
PCO2202	Counseling Techniques	3.00	
PSB2442	Addictions I - Psychology of Addictions	3.00	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*

… …	**2nd Semester - Spring**		
		SEM HRS	
HUS2008	Survey of Counseling Theory and Practice	3.00	
HUS2441	Addictions, Families, and Communities	3.00	
HUS2500	Issues and Ethics in Human Services	3.00	*Co-Reqs: HUS2852 AND CLP2140*
HUS1332	Advanced Counseling/Interview Skills	3.00	*Co-Reqs: HUS1850* *Pre-Reqs: HUS1001 AND PCO2202*
HUS1850	Human Services Externship I	1.00	*Co-Reqs: HUS1332* *Pre-Reqs: HUS1001 AND PCO2202* *Conc-Reqs: HUS1850L*
HUS1850L	Human Services Externship I Lab	3.00	*Conc-Reqs: HUS1850*

… …	**3rd Semester - Fall**		
		SEM HRS	
HUS2424	Addictions and Treatment	3.00	
HUS2933	Human Services Seminar	1.00	

TOTAL	…	**39.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1 MAT 1033 fulfills general education requirements for AAS and college credit certificate programs only.

Air Conditioning, Refrigeration and Heating Mechanic

Program Information

Vocational Certificate - Code 1054 - Catalog 2009/2010

George Roddy, Faculty, 386-506-4175, roddyg@daytonastate.edu

Roger Raffaelo, Faculty, 386-506-4174

Roger Rowan, Chair, 386-506-4171, rowanr@daytonastate.edu

03/26/2009 M - 31.

Program Description

The program provides a solid foundation in the principles of air conditioning and refrigeration. Instruction is given by classroom demonstrations and laboratory experiments in refrigeration fundamentals; electricity and controls; and installing, operating, servicing and repairing air conditioning & refrigeration equipment. Students work on commercial refrigeration and air conditioning equipment, including heat pumps, ice machines, oil and gas systems. Students will design, construct, and evaluate refrigeration systems. State of the art, modern equipment with all of the commonly used refrigerants is available for students to gain "hands-on" experience. Students also receive related training in shop management and customer relations.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Textbooks cost approximately $175.

Additional Admission Requirements

Must be able to lift 50 lbs.

Must be able to climb a 12-foot ladder.

Students who do not have a standard high school diploma may be eligible for admission to this program if they meet the following criteria:

1. Take the Test of Adult Basic Education (TABE) which measures reading, English and math skills, and achieve specified minimum scores.

2. Meet with a counselor / advisor for placement test evaluation, advice on course selection and registration.

Ability to Benefit (ATB) Consideration

Students admitted to this program who achieve the ability to benefit level on the College Placement Exam (CPT) can receive student financial aid if eligible.

Careers

Students who complete certain combinations of courses within this program may qualify for one of the following jobs:

- Heating, A/C and Refrigeration Helper
- Heating, A/C and Refrigeration Mechanic Assistant,
- Heating, A/C and Refrigeration Mechanic,
- Heating, A/C and Refrigeration Technician

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	VOC HRS	
ACR0001	Physical Principles I	1.00	*Conc-Reqs: ACR0001L*
ACR0001L	Physical Principles I Lab	2.00	*Conc-Reqs: ACR0001*
ACR0002	Physical Principles II	1.00	*Pre-Reqs: ACR0001*
			Conc-Reqs: ACR0002L
ACR0002L	Physical Principles II Lab	2.00	*Conc-Reqs: ACR0002*

ACR0061	Psychrometrics	1.00	*Pre-Reqs: ACR0002 OR ACR0001*
			Conc-Reqs: ACR0061L
ACR0061L	Psychrometrics Lab	2.00	*Conc-Reqs: ACR0061*
ACR0100	Basic Electricity I	1.00	*Conc-Reqs: ACR0100L*
ACR0100L	Basic Electricity Lab	2.00	*Conc-Reqs: ACR0100*
ACR0102	Basic Electricity II	1.00	*Conc-Reqs: ACR0102L*
ACR0102L	Basic Electricity II Lab	2.00	*Conc-Reqs: ACR0102*
ACR0150	A/C Motors and Controls	1.00	*Pre-Reqs: ACR0102*
			Conc-Reqs: ACR0150L
ACR0150L	A/C Motors and Controls Lab	2.00	*Conc-Reqs: ACR0150*
ACR0205	Refrigerants I	1.00	*Pre-Reqs: ACR0000 OR ACR0002*
			Conc-Reqs: ACR0205L
ACR0205L	Refrigerants I Lab	2.00	*Conc-Reqs: ACR0205*
ACR0506	Residential Air Conditioning and Refrigeration	1.00	
ACR0506L	Residential Air Conditioning and Refrigeration Lab	2.00	
ACR0601	Heat Pumps	1.00	*Pre-Reqs: ACR0002*
			Conc-Reqs: ACR0601L
ACR0601L	Heat Pumps Lab	2.00	*Conc-Reqs: ACR0601*
ACR0741	Commercial Refrigeration I	1.00	*Pre-Reqs: ACR0002*
			Conc-Reqs: ACR0741L
ACR0741L	Commercial Refrigeration I Lab	2.00	*Conc-Reqs: ACR0741*
ACR0850	Air Conditioning Wiring	1.00	*Pre-Reqs: ACR0002*
			Conc-Reqs: ACR0850L
ACR0850L	Air Conditioning Wiring Lab	2.00	*Conc-Reqs: ACR0850*

Sample Program of Study

Course	Title		
… …	**1st Semester**		

		VOC HRS	
ACR0001	Physical Principles I	1.00	*Conc-Reqs: ACR0001L*
ACR0001L	Physical Principles I Lab	2.00	*Conc-Reqs: ACR0001*
ACR0100	Basic Electricity I	1.00	*Conc-Reqs: ACR0100L*
ACR0100L	Basic Electricity Lab	2.00	*Conc-Reqs: ACR0100*
ACR0002	Physical Principles II	1.00	*Pre-Reqs: ACR0001*
			Conc-Reqs: ACR0002L
ACR0002L	Physical Principles II Lab	2.00	*Conc-Reqs: ACR0002*
ACR0102	Basic Electricity II	1.00	*Conc-Reqs: ACR0102L*
ACR0102L	Basic Electricity II Lab	2.00	*Conc-Reqs: ACR0102*

		VOC HRS	
… …	**2nd Semester**		
ACR0150	A/C Motors and Controls	1.00	*Pre-Reqs: ACR0102*
			Conc-Reqs: ACR0150L
ACR0150L	A/C Motors and Controls Lab	2.00	*Conc-Reqs: ACR0150*
ACR0506	Residential Air Conditioning and Refrigeration	1.00	
ACR0506L	Residential Air Conditioning and Refrigeration Lab	2.00	
ACR0741	Commercial Refrigeration I	1.00	*Pre-Reqs: ACR0002*
			Conc-Reqs: ACR0741L
ACR0741L	Commercial Refrigeration I Lab	2.00	*Conc-Reqs: ACR0741*
ACR0850	Air Conditioning Wiring	1.00	*Pre-Reqs: ACR0002*
			Conc-Reqs: ACR0850L
ACR0850L	Air Conditioning Wiring Lab	2.00	*Conc-Reqs: ACR0850*

		VOC HRS	
… …	**3rd Semester**		

ACR0061	Psychrometrics	1.00	*Pre-Reqs: ACR0002 OR ACR0001*
			Conc-Reqs: ACR0061L
ACR0061L	Psychrometrics Lab	2.00	*Conc-Reqs: ACR0061*
ACR0205	Refrigerants I	1.00	*Pre-Reqs: ACR0000 OR ACR0002*
			Conc-Reqs: ACR0205L
ACR0205L	Refrigerants I Lab	2.00	*Conc-Reqs: ACR0205*
ACR0601	Heat Pumps	1.00	*Pre-Reqs: ACR0002*
			Conc-Reqs: ACR0601L
ACR0601L	Heat Pumps Lab	2.00	*Conc-Reqs: ACR0601*
TOTAL	**VOC. HRS.**	**33.00**	
TOTAL	**CONTACT HRS.**	**990.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Architectural and Building Technology

Program Description

The program provides a solid foundation in the building industry. Students will receive a broad understanding of building materials, processes of construction, overall cohesiveness, current industry standards, drawing and computer drafting skills.

Note: This program is eligible for federal financial aid and state bright futures.

Careers

Building Construction

Drafting & Design

http://usa.autodesk.com/adsk/servlet/home?siteID=123112&id=129446

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*

… …	**Behavioral & Human Sciences Core - CHOOSE ONE**	SEM HRS	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*

MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
MTB1348	Applied Technical Math	3.00	*Pre-Reqs: MAT0024*
BCN1210	Materials and Processes	3.00	
BCN1251	Architectural Drawing I	2.00	*Conc-Reqs: BCN1251L*
BCN1251L	Architectural Drawing I Lab	1.00	*Conc-Reqs: BCN1251*
BCN1253	Architectural Drawing II	2.00	*Pre-Reqs: BCN1251* *Conc-Reqs: BCN1253L*
BCN1253L	Architectural Drawing II Lab	1.00	*Conc-Reqs: BCN1253*
BCN2257	Architectural Detailing	2.00	*Conc-Reqs: BCN2257L*
BCN2257L	Architectural Detailing Lab	1.00	*Conc-Reqs: BCN2257*
BCN2560	Mechanical and Electrical Equipment	3.00	
BCT1040	Blueprint Reading	3.00	
ETC2207	Construction Planning and Estimating	2.00	*Pre-Reqs: BCN1210* *Conc-Reqs: ETC2207L*
ETC2207L	Construction Planning and Estimation Lab	1.00	*Conc-Reqs: ETC2207*
ETC2245	Construction Methods	3.00	
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320* *Conc-Reqs: ETD2340L*
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2540	Civil Drafting and Surveying (CAD)	2.00	*Pre-Reqs: ETD2320* *Conc-Reqs: ETD2540L*
ETD2540L	Civil Drafting and Surveying (CAD) Lab	1.00	*Conc-Reqs: ETD2540*
IND1211	History of Architecture and Interiors I	3.00	
IND1935	Building and Barrier Free Codes	2.00	*Pre-Reqs: BCN1251*
BCT2949	Cooperative Education Experience in Construction	2.00	
ETD2350	Computer Aided Design Applications (AutoCAD)	2.00	*Pre-Reqs: ETD2320* *Conc-Reqs: ETD2350L*
ETD2350L	Computer Aided Design Applications (AutoCAD) Lab **OR**	1.00	*Conc-Reqs: ETD2350*
ETD2395	Architectural CAD (Architectural Desktop)	2.00	*Conc-Reqs: ETD2395L*
ETD2395L	Architectural CAD (Architectural Desktop) Lab	1.00	*Conc-Reqs: ETD2395*

Sample Program of Study

Course	Title	
… …	**First Year**	
… …	**1st Semester**	SEM HRS
ENC1101	College Composition	3.00	
MTB1348	Applied Technical Math	3.00	*Pre-Reqs: MAT0024*
BCN1210	Materials and Processes	3.00	
BCN1251	Architectural Drawing I	2.00	*Conc-Reqs: BCN1251L*
BCN1251L	Architectural Drawing I Lab	1.00	*Conc-Reqs: BCN1251*
BCT1040	Blueprint Reading	3.00	

… …   2nd Semester

		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**Behavioral & Human Sciences Core**	3.00	
BCN1253	Architectural Drawing II	2.00	*Pre-Reqs: BCN1251*
			Conc-Reqs: BCN1253L
BCN1253L	Architectural Drawing II Lab	1.00	*Conc-Reqs: BCN1253*
IND1935	Building and Barrier Free Codes	2.00	*Pre-Reqs: BCN1251*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*

… …	**Summer Semester**		

		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	

… …	**Second Year**		
… …	**1st Semester**		

		SEM HRS	
ETC2207	Construction Planning and Estimating	2.00	*Pre-Reqs: BCN1210*
			Conc-Reqs: ETC2207L
ETC2207L	Construction Planning and Estimation Lab	1.00	*Conc-Reqs: ETC2207*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2540	Civil Drafting and Surveying (CAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2540L
ETD2540L	Civil Drafting and Surveying (CAD) Lab	1.00	*Conc-Reqs: ETD2540*
IND1211	History of Architecture and Interiors I	3.00	

… …	**2nd Semester**		

		SEM HRS	
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
BCN2257	Architectural Detailing	2.00	*Conc-Reqs: BCN2257L*
BCN2257L	Architectural Detailing Lab	1.00	*Conc-Reqs: BCN2257*
BCN2560	Mechanical and Electrical Equipment	3.00	
ETC2245	Construction Methods	3.00	
ETD2350	Computer Aided Design Applications (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2350L
ETD2350L	Computer Aided Design Applications (AutoCAD) Lab **OR**	1.00	*Conc-Reqs: ETD2350*
ETD2395	Architectural CAD (Architectural Desktop)	2.00	*Conc-Reqs: ETD2395L*
ETD2395L	Architectural CAD (Architectural Desktop) Lab	1.00	*Conc-Reqs: ETD2395*
BCT2949	Cooperative Education Experience in Construction	2.00	
TOTAL	…	**64.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

AutoCAD Foundations (Architectural)

Program Information

A.S. Certificate - Code 0927 - Catalog 2009/2010

Roger Rowan, Chair, 386-506-4171, rowanr@daytonastate.edu

Sylvia Zuelch, Admin. Specialist, 386-506-4165, zuelchs@daytonastate.edu

Program Description

The program provides a foundation in the use of AutoCAD for architecture and construction. The certificate includes instruction in architectural drawing and the use of AutoCAD software for 2D drafting and 3D modeling. Additional courses include architectural detailing, and Architectural Desktop.

Note: The length of this program makes it ineligible for federal and state financial aid.

Program Specific Courses

Course	Title	SEM HRS	
BCN1251	Architectural Drawing I	2.00	*Conc-Reqs: BCN1251L*
BCN1251L	Architectural Drawing I Lab	1.00	*Conc-Reqs: BCN1251*
BCN2257	Architectural Detailing	2.00	*Conc-Reqs: BCN2257L*
BCN2257L	Architectural Detailing Lab	1.00	*Conc-Reqs: BCN2257*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2395	Architectural CAD (Architectural Desktop)	2.00	*Conc-Reqs: ETD2395L*
ETD2395L	Architectural CAD (Architectural Desktop) Lab	1.00	*Conc-Reqs: ETD2395*

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
BCN1251	Architectural Drawing I	2.00	*Conc-Reqs: BCN1251L*
BCN1251L	Architectural Drawing I Lab	1.00	*Conc-Reqs: BCN1251*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
… …	**2nd Semester**		
BCN2257	Architectural Detailing	2.00	*Conc-Reqs: BCN2257L*
BCN2257L	Architectural Detailing Lab	1.00	*Conc-Reqs: BCN2257*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2395	Architectural CAD (Architectural Desktop)	2.00	*Conc-Reqs: ETD2395L*
ETD2395L	Architectural CAD (Architectural Desktop) Lab	1.00	*Conc-Reqs: ETD2395*
… …	**TOTAL**	15.00	

AutoCAD Foundations (Engineering)

Program Information

A.S. Certificate - Code 0928 - Catalog 2009/2010

Roger Rowan, Chair, 386-506-4171, rowanr@daytonastate.edu

Sylvia Zuelch, Admin. Specialist, 386-506-4165, zuelchs@daytonastate.edu

Program Description

The program provides a foundation in the use of AutoCAD for engineering, manufacturing and related industries. The certificate includes instruction in engineering drawing and the use of AutoCAD software for 2D drafting and 3D modeling. Additional instruction is also provided in 3D solid modeling.

Note: The length of this program makes it ineligible for federal and state financial aid.

Program Specific Courses

Course	Title	SEM HRS	
EGS1110	Engineering Drawing	2.00	*Conc-Reqs: EGS1110L*
EGS1110L	Engineering Drawing Lab	1.00	*Conc-Reqs: EGS1110*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2350	Computer Aided Design Applications (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2350L
ETD2350L	Computer Aided Design Applications (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2350*
ETD2355	Inventor Solid Modeling	2.00	*Conc-Reqs: ETD2355L*
ETD2355L	Inventor Solid Modeling Lab **OR**	1.00	*Conc-Reqs: ETD2355*
ETD2364	SolidWorks Solid Modeling	2.00	*Conc-Reqs: ETD2364L*
ETD2364L	SolidWorks Solid Modeling Lab	1.00	*Conc-Reqs: ETD2364*

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
EGS1110	Engineering Drawing	2.00	*Conc-Reqs: EGS1110L*
EGS1110L	Engineering Drawing Lab	1.00	*Conc-Reqs: EGS1110*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
… …	**2nd Semester**		
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2350	Computer Aided Design Applications (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2350L
ETD2350L	Computer Aided Design Applications (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2350*
ETD2355	Inventor Solid Modeling	2.00	*Conc-Reqs: ETD2355L*

ETD2355L Inventor Solid Modeling Lab **OR**   1.00   *Conc-Reqs: ETD2355*
ETD2364   SolidWorks Solid Modeling   2.00   *Conc-Reqs: ETD2364L*
ETD2364L SolidWorks Solid Modeling Lab   1.00   *Conc-Reqs: ETD2364*
TOTAL   …   **15.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Automotive Collision Repair and Refinishing

Program Information

Vocational Certificate - Code 1097 - Catalog 2009/2010

William Smith, Faculty, 386-506-4199, smithwi@daytonastate.edu

Eugene Deyo, Faculty, 386-506-4169, deyoe@daytonastate.edu

Roger Rowan, 386-506-4171, rowanr@yahoo.com

Program Description

As quickly as the body style of today's vehicles change, so do the skills and technology required to return vehicles to pre-accident condition. The Automotive Collision Repair and Refinishing Program at the ATC (Advanced Technology College) offers state-of-the-art training in collision repair and refinishing that will prepare students to repair today's complex vehicles. This program offers theory and hands-on-training including damage analysis, body repair and refinishing. The I-CAR enhanced delivery curriculum is used as a standard for classroom training that prepares students for I-CAR and ASE certification. Today's increasingly complex vehicle designs challenge students to develop and utilize the skills required to excel in this high demand job market.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Students will be required to purchase tools and uniforms as needed throughout the course of the program. The approximate cost is $300. Textbooks cost approximately $125. Lab fees: Refer to individual course descriptions or consult the assistant chair for additional costs.

Additional Admission Requirements

Students who do not have a standard high school diploma may be eligible for admission to this program if they meet the following criteria:

1. Take the Test of Adult Basic Education (TABE) which measures reading, English and math skills, and achieve specified minimum scores.

2. Meet with a counselor / advisor for placement test evaluation, advice on course selection and registration.

Ability to Benefit (ATB) Consideration

Students admitted to this program who achieve the ability to benefit level on the College Placement Exam (CPT) can receive student financial aid if eligible.

Program Specific Courses

Course	Title	VOC HRS	
ARR0121	Introduction to Refinishing	2.00	*Conc-Reqs: ARR0121L*
ARR0121L	Introduction to Refinishing Lab	2.00	*Conc-Reqs: ARR0121*
ARR0122	Auto Refinishing II	2.00	*Pre-Reqs: ARR0121C OR ARR0121*
			Conc-Reqs: ARR0122L
ARR0122L	Auto Refinishing II Lab	2.00	*Conc-Reqs: ARR0122C OR ARR0122*
ARR0123	Auto Refinishing III	2.00	*Pre-Reqs: ARR0122C OR ARR0122*
			Conc-Reqs: ARR0123L
ARR0123L	Auto Refinishing III Lab	2.00	*Conc-Reqs: ARR0123*
ARR0241	Introduction to Collision Repair	2.00	*Conc-Reqs: ARR0241L*
ARR0241L	Introduction to Collision Repair Lab	2.00	*Conc-Reqs: ARR0241*
ARR0242	Collision Repair II	2.00	*Pre-Reqs: ARR0241C OR ARR0241*
			Conc-Reqs: ARR0242L
ARR0242L	Collision Repair II Lab	2.00	*Conc-Reqs: ARR0242*
ARR0243	Collision Repair III	2.00	*Pre-Reqs: ARR0242C OR ARR0242*
			Conc-Reqs: ARR0243L
ARR0243L	Collision Repair III Lab	2.00	*Conc-Reqs: ARR0243*
ARR0294	Electrical, Glass and Trim	2.00	*Conc-Reqs: ARR0294L*
ARR0294L	Electrical, Glass and Trim Lab	2.00	*Conc-Reqs: ARR0294*

Automotive Machinist (Performance Engine Technology Specialization)

Program Information

Vocational Certificate - Code 1036 - Catalog 2009/2010

Roger Rowan, Chair, 386-506-4171, rowanr@daytonastate.edu

Robert Cothran, Faculty, 386-506-4127, rcothran@clearwire.net

Sylvia Zuelch, 386-506-4165, zuelchs@daytonastate.edu

03/26/2009 M - 31(

Program Description

This program prepares the student to become high performance engine builders. Students will learn fundamental motor building techniques. An emphasis is placed on the racing engine performance of many different fields. Students will demonstrate knowledge of safety, basic shop math, machining, welding, measurement, blueprint reading, tuning, electronics, fuel and ignition. Successful completion of this program should enable the student to find work in the motor sports industry.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees - Approx. $250.

Ability to Benefit (ATB) Consideration

Students who do not have a standard high school diploma may be eligible for admission to this program if they meet the following criteria:

1. Take the Test of Adult Basic Education (TABE) which measures reading, English and math skills, and achieve specified minimum scores.

2. Meet with a counselor/advisor for placement test evaluation, advice on course selection and registration.

Students admitted to this program who achieve the ability to benefit level on the College Placement Exam (CPT) can receive student financial aid if eligible.

Program Specific Courses

Course	Title	VOC HRS	
… …	**First Year**		
… …	**1st Semester**		
AER0033	Shop Math, Safety and Blueprint Reading	1.00	*Conc-Reqs: AER0033L*
AER0033L	Shop Math, Safety and Blueprint Reading Lab	1.00	*Conc-Reqs: AER0033*
PMT0440	Basic Machining and Welding	1.00	*Conc-Reqs: PMT0440L*
PMT0440L	Basic Machining and Welding Lab	2.00	*Conc-Reqs: PMT0440*
AER0102	Engine Theory	1.00	*Conc-Reqs: AER0102L*
AER0102L	Engine Theory Lab	2.00	*Conc-Reqs: AER0102*
PMT0441	Engine Block Machining	1.00	*Conc-Reqs: PMT0441L*
PMT0441L	Engine Block Machining Lab	2.00	*Conc-Reqs: PMT0441*
… …	**2nd Semester**		
PMT0442	Cylinder Heads	1.00	*Conc-Reqs: PMT0442L*
PMT0442L	Cylinder Heads Lab	2.00	*Conc-Reqs: PMT0442*
AER0152	Engine Assembly and Testing	1.00	*Conc-Reqs: AER0152L*
AER0152L	Engine Assembly and Testing Lab	2.00	*Conc-Reqs: AER0152*
AER0844	Fuel Systems	1.00	*Conc-Reqs: AER0844L*
AER0844L	Fuel Systems Lab	2.00	*Conc-Reqs: AER0844*
AER0831	Ignition Theory	1.00	*Conc-Reqs: AER0831L*
AER0831L	Ignition Theory Lab	2.00	*Conc-Reqs: AER0831*

Automotive Service Certificate

Program Information

Vocational Certificate - Code 1049 - Catalog 2009/2010

James Posick, Assistant Chair, 386-506-4168, posickj@daytonastate.edu

Steven Fernandez, Instructor, 386-506-4135

Roger Rowan, 386-506-4171, rowanr@daytonastate.edu

03/26/2009 M - 31:

Program Description

The Automotive Service certificate progam is a 35.00 vocational credit certificate program. The curriculum is designed to give students a combination of classroom and lab related activities. A "hands-on" approach to student learning is evident as students learn the safety aspects of automotive service and become proficient at automotive heating and air conditioning systems, automotive electrical and electronic systems, automotive brake systems, automotive steering, suspension and alignment, and automotive engine performance.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Student should meet with the assistant chair for necessary tools and uniform information.

Additional Admission Requirements

· Ability to understand and follow specific directions.

· Ability to handle and operate all automotive equipment in a safe manner.

· A pre-admissions consultation with the assistant chair prior to registration is recommended.

Ability to Benefit (ATB) Consideration

Students admitted to this program who achieve the ability to benefit level on the College Placement Exam (CPT) can receive student financial aid if eligible.

Students who do not have a standard high school diploma may be eligible for admission to this program if they meet the following criteria:

1. Take the Test of Adult Basic Education (TABE) which measures reading, English and math skills, and achieve specified minimum scores.

2. Meet with a counselor/advisor for placement test evaluation, advice on course selection and registration.

Program Specific Courses

Course	Title	VOC HRS	
AER0499	Automotive Steering, Suspension and Alignment	1.67	*Conc-Reqs: AER0499L*
AER0499L	Automotive Steering, Suspension and Alignment Lab	3.33	*Conc-Reqs: AER0499*
AER0599	Automotive Brake Systems	1.67	*Conc-Reqs: AER0599L*
AER0599L	Automotive Brake Systems Lab	3.33	*Conc-Reqs: AER0599*
AER0759	Automotive Heating and Air Conditioning Systems	1.67	*Conc-Reqs: AER0759L*
AER0759L	Automotive Heating and Air Conditioning Systems Lab	3.33	*Conc-Reqs: AER0759*
AER0697	Automotive Electrical and Electronic Systems	3.33	*Conc-Reqs: AER0697L*
AER0697L	Automotive Electrical and Electronic Systems Lab	6.67	*Conc-Reqs: AER0697*
AER0897	Automotive Engine Performance	3.33	*Conc-Reqs: AER0897L*
AER0897L	Automotive Engine Performance Lab	6.67	*Conc-Reqs: AER0897*

Sample Program of Study

Course	Title

… …   1st Semester

		SEM HRS	
AER0499	Automotive Steering, Suspension and Alignment	1.67	*Conc-Reqs: AER0499L*

		VOC HRS	
AER0499L	Automotive Steering, Suspension and Alignment Lab	3.33	*Conc-Reqs: AER0499*
AER0599	Automotive Brake Systems	1.67	*Conc-Reqs: AER0599L*
AER0599L	Automotive Brake Systems Lab	3.33	*Conc-Reqs: AER0599*
AER0759	Automotive Heating and Air Conditioning Systems	1.67	*Conc-Reqs: AER0759L*
AER0759L	Automotive Heating and Air Conditioning Systems Lab	3.33	*Conc-Reqs: AER0759*

… …   2nd Semester

		VOC HRS	
AER0697	Automotive Electrical and Electronic Systems	3.33	*Conc-Reqs: AER0697L*
AER0697L	Automotive Electrical and Electronic Systems Lab	6.67	*Conc-Reqs: AER0697*
AER0897	Automotive Engine Performance	3.33	*Conc-Reqs: AER0897L*
AER0897L	Automotive Engine Performance Lab	6.67	*Conc-Reqs: AER0897*
TOTAL	TOTAL VOC. HRS.	**35.00**	
TOTAL	TOTAL CONTACT HRS.	**1050.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Automotive Service Management Technology

03/30/2009 M - 31

Program Description

The program is designed to prepare the student to enter the field of automotive service and repair. The program also starts to prepare the student to successfully complete the Automotive Service Excellence, ASE, automotive and light truck certification in the 8 general repair areas, A-1 through A-8. Emphasis is on diagnosis and repair, coupled with customer relations. Training is provided to assist each student to become a dealership technician or service advisor.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Students must meet with the assistant chair for necessary tools and uniforms.

Additional Admission Requirements

1 Must be able to attend cooperative education training placements.

2 A pre-admission consultation with the assistant chair prior to registration is required.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*

… …	**Behavioral & Human Sciences Core - CHOOSE ONE**	SEM HRS	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*

MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
AER1001	Basic Concepts and Service Procedures	2.00	*Conc-Reqs: AER1001L*
AER1001L	Basic Concepts and Service Procedures Lab	2.00	*Conc-Reqs: AER1001*
AER1198	Engine Mechanical Service and Repairs	2.00	*Conc-Reqs: AER1198L*
AER1198L	Engine Mechanical Service and Repairs Lab	2.00	*Conc-Reqs: AER1198*
AER1398	Automotive Transaxles and Differentials	2.00	*Conc-Reqs: AER1398L*
AER1398L	Automotive Transaxles and Differentials Lab	2.00	*Conc-Reqs: AER1398*
AER1498	Automotive Steering, Suspension and Alignment	2.00	*Conc-Reqs: AER1498L*
AER1498L	Automotive Steering, Suspension and Alignment Lab	2.00	*Conc-Reqs: AER1498*
AER1598	Automotive Brake Systems	2.00	*Conc-Reqs: AER1598L*
AER1598L	Automotive Brake Systems Lab	2.00	*Conc-Reqs: AER1598*
AER1690	Electricity/Electronics Fundamentals	2.00	*Conc-Reqs: AER1690L*
AER1690L	Electricity/Electronics Fundamentals Lab	2.00	*Conc-Reqs: AER1690*
AER1798	Automotive Heating and Air Conditioning Systems	2.00	*Conc-Reqs: AER1798L*
AER1798L	Automotive Heating and Air Conditioning Systems Lab	2.00	*Conc-Reqs: AER1798*
AER2298	Automotive Automatic Transaxles and Drive Systems	2.00	*Conc-Reqs: AER2298L*
AER2298L	Automotive Automatic Transaxles and Drive Systems Lab	2.00	*Conc-Reqs: AER2298*
AER2840	Automotive Fuel Systems	2.00	*Conc-Reqs: AER2840L*
AER2840L	Automotive Fuel Systems and Lab	2.00	*Conc-Reqs: AER2840*
AER2841	Drivability and Dynamometer Analysis	2.00	*Conc-Reqs: AER2841L*
AER2841L	Drivability and Dynamometer Analysis Lab	2.00	*Conc-Reqs: AER2841*
AER2843	Automotive Computer Systems and Supercharging	2.00	*Conc-Reqs: AER2843L*
AER2843L	Automotive Computer Systems and Supercharging Lab	2.00	*Conc-Reqs: AER2843*
AER2850	Automotive Ignition and Emissions Control	2.00	*Conc-Reqs: AER2850L*
AER2850L	Automotive Ignition and Emissions Control Lab	2.00	*Conc-Reqs: AER2850*
AER2949	Cooperative Education Experience in Automotive Technology	4.00	

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
AER1001	Basic Concepts and Service Procedures	2.00	*Conc-Reqs: AER1001L*
AER1001L	Basic Concepts and Service Procedures Lab	2.00	*Conc-Reqs: AER1001*
AER1198	Engine Mechanical Service and Repairs	2.00	*Conc-Reqs: AER1198L*
AER1198L	Engine Mechanical Service and Repairs Lab	2.00	*Conc-Reqs: AER1198*
AER1690	Electricity/Electronics Fundamentals	2.00	*Conc-Reqs: AER1690L*

AER1690L	Electricity/Electronics Fundamentals Lab	2.00		*Conc-Reqs: AER1690*

… …   2nd Semester

		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
AER1598	Automotive Brake Systems	2.00	*Conc-Reqs: AER1598L*
AER1598L	Automotive Brake Systems Lab	2.00	*Conc-Reqs: AER1598*
AER1798	Automotive Heating and Air Conditioning Systems	2.00	*Conc-Reqs: AER1798L*
AER1798L	Automotive Heating and Air Conditioning Systems Lab	2.00	*Conc-Reqs: AER1798*
AER2298	Automotive Automatic Transaxles and Drive Systems	2.00	*Conc-Reqs: AER2298L*
AER2298L	Automotive Automatic Transaxles and Drive Systems Lab	2.00	*Conc-Reqs: AER2298*

… …   Summer Semester

		SEM HRS
AER2949	Cooperative Education Experience in Automotive Technology	2.00

… …   Second Year
… …   1st Semester

		SEM HRS	
… …	**Behavioral & Human Sciences Core**	3.00	
AER1398	Automotive Transaxles and Differentials	2.00	*Conc-Reqs: AER1398L*
AER1398L	Automotive Transaxles and Differentials Lab	2.00	*Conc-Reqs: AER1398*
AER1498	Automotive Steering, Suspension and Alignment	2.00	*Conc-Reqs: AER1498L*
AER1498L	Automotive Steering, Suspension and Alignment Lab	2.00	*Conc-Reqs: AER1498*
AER2843	Automotive Computer Systems and Supercharging	2.00	*Conc-Reqs: AER2843L*
AER2843L	Automotive Computer Systems and Supercharging Lab	2.00	*Conc-Reqs: AER2843*

… …   2nd Semester

		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
AER2840	Automotive Fuel Systems	2.00	*Conc-Reqs: AER2840L*
AER2840L	Automotive Fuel Systems and Lab	2.00	*Conc-Reqs: AER2840*
AER2841	Drivability and Dynamometer Analysis	2.00	*Conc-Reqs: AER2841L*
AER2841L	Drivability and Dynamometer Analysis Lab	2.00	*Conc-Reqs: AER2841*
AER2850	Automotive Ignition and Emissions Control	2.00	*Conc-Reqs: AER2850L*
AER2850L	Automotive Ignition and Emissions Control Lab	2.00	*Conc-Reqs: AER2850*

… …   Summer Semester

		SEM HRS
AER2949	Cooperative Education Experience in Automotive Technology	2.00
TOTAL	**…**	**68.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. MAT1033 fulfills general education requirements for AAS degree programs only.

Bachelor of Applied Science in Supervision and Management

Program Information

BAS Degree - Code 6000 - Catalog 2009/2010

Eileen Hamby, Vice President, 386-506-3939, hambye@daytonastate.edu

Mitch Pietras, Counselor, 386-506-3515, pietrami@daytonastate.edu

Contact Mr. Pietras for info, 386-506-4227, BASinfo@DaytonaState.edu

03/30/2009 M - 26.

Program Description

The Bachelor of Applied Science (BAS) in Supervision and Management Program prepares individuals who already have skills in a technical area for supervisory and management roles and positions. Associate degree programs have prepared these individuals to enter the job market at entry-level or mid-level positions. Upper-level coursework in the BAS program broadens their knowledge in applied management practices and prepares them for supervisory and management opportunities within their technical field.

The Bachelor of Applied Science (BAS) Program uses a 2+2 model requiring the completion of an associate's degree for entry into the program. The degree components are below.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

General Education Core - The state-mandated 36 hours of general education (Communications-9 sch; Math-6 sch; Science-6 sch; Humanities -3 sch; Behavioral and Human (Social) Science-3 sch; Health & Wellness-3 sch; Political, Economic & Business-3 sch; Historical and Global -3 sch.

Typically, students from A.S. or A.A.S. degree programs transfer 15-18 credits of General Education Core. A.A. graduates will typically transfer the total 36 general education core requirements into the BAS program. A.A. graduates will also require 18 hours of lower division credit in an occupational/technical area, e.g., accounting technology, computer science, business, etc., in lieu of the additional general education required of the A.S./A.A.S. student.

General Education Courses

Course	Title	
… …	**Associate Degree Program of Study Credit**	42.00
… …	**General Education Core Requirements Credit**	36.00
… …	**BAS Program of Study Credit**	42.00
TOTAL	**…**	**120.00**

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
GEB3213	Business Writing	3.00	*Pre-Reqs: ENC1101*
MAN3353	Management Theory and Practices	3.00	
MAN3240	Organizational Behavior	3.00	
BUL3130	Legal, Ethical, and Social Aspects of Business	3.00	
ACG3024	Accounting for Non-Financial Majors	3.00	
MAN4162	Customer Relations for Managers	3.00	

MAN4301	Human Resource Management	3.00	
ISM4011	Introduction to Management Information Systems	4.00	*Pre-Reqs: CGS2100*
MAN4120	Leadership Challenges and Supervision	3.00	
GEB4891	Strategic Management and Decision Making	4.00	
GEB4930	Selected Topics in Management	3.00	
MAN4504	Operational Decision Making	3.00	
MAN4900	Capstone Project in Supervision and Management	4.00	

Sample Program of Study

Course	Title		
… …	**FIRST SEMESTER**		
		SEM HRS	
GEB3213 *1*	Business Writing	3.00	*Pre-Reqs: ENC1101*
MAN3353 *1*	Management Theory and Practices	3.00	
MAN3240 *1*	Organizational Behavior	3.00	
… …	**General Education Core**	3.00	
… …	**General Education Core**	3.00	
TOTAL	Semester Credit Hours	**15.00**	
… …	**SECOND SEMESTER**		
		SEM HRS	
BUL3130 *1*	Legal, Ethical, and Social Aspects of Business	3.00	
ACG3024 *1*	Accounting for Non-Financial Majors	3.00	
… …	**General Education Core**	3.00	
… …	**General Education Core**	3.00	
TOTAL	Semester Credit Hours	**12.00**	
… …	**THIRD SEMESTER**		
		SEM HRS	
MAN4162 *1*	Customer Relations for Managers	3.00	
MAN4301 *1*	Human Resource Management	3.00	
ISM4011 *2*	Introduction to Management Information Systems	4.00	*Pre-Reqs: CGS2100*
… …	**General Education Core**	3.00	
… …	**General Education Core**	3.00	
TOTAL	Semester Credit Hours	**16.00**	
… …	**FOURTH SEMESTER**		
		SEM HRS	
MAN4120 *2*	Leadership Challenges and Supervision	3.00	
GEB4891 *2*	Strategic Management and Decision Making	4.00	
GEB4930 *2*	Selected Topics in Management	3.00	
MAN4504 *2*	Operational Decision Making	3.00	
… …	**FIFTH SEMESTER**		
TOTAL	Semester Credit Hours	**13.00**	
		SEM HRS	
MAN4900 *2*	Capstone Project in Supervision and Management	4.00	
TOTAL	Semester Credit Hours	**4.00**	
… …	**TOTAL CREDIT HOURS**	60.00	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

1 Junior status or permission of the Chair

2 Senior status or permission of the Chair

Bachelor of Science - Elementary Education

Program Information

BS Degree - Code 6221 - Catalog 2009/2010

Kathleen Lazarus, Chair, Education, 386-506-3649

Kristy Presswood, AVP, Education, 386-506-3822, presswk@daytonastate.edu

Program Description

This is a state-approved program that fulfills the education courses, professional education competencies, and practical experience required to obtain a five-year Professional Educator's Certificate in Elementary Education. The program includes state endorsements for Reading and ESOL.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

1. Students must have completed two years of the same foreign language in high school or two semesters of the same college level foreign language to graduate.

2. Students must meet CLAST requirements during the first two years of this program.

3. Students must apply and receive an Associate of Arts degree before admission to the upper two years of this program.

4. Students must have a cumulative GPA of 2.5 for admission into the program.

5. Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required to be admitted to the upper two years of this degree. Click here for more information or to register for the exam!

6. Satisfactory Level II background check by the Florida Department of Law Enforcement and the Federal Bureau of Investigation is required prior to admission into the upper two years of this program. Information and registration is available by clicking the following link. Our access code is JLA0020984. www.priderockholdings.com/SafeSupport/Volusia For a list of disqualifying offenses view Florida Statute 1012.315

7. Students must submit a separate application for admission to the upper two years of this program.

8. Students must maintain a 2.5 or better GPA in the bachelor's portion of this degree.

Program Specific Courses

Course	Title	SEM HRS	
EDG4323	Professional Teaching Practices	3.00	
EDF4430	Classroom Assessment	3.00	
LAE3414	Children's Literature	3.00	
TSL3080	ESOL Issues and Strategies I	3.00	
RED3309	Early and Emergent Reading K-2	3.00	
LAE4314	Teaching Language Arts	3.00	
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*
EDE4223	Integrated Art, Music and Movement	3.00	
RED4511	Intermediate Literacy, Reading and Thinking	3.00	*Pre-Reqs: RED3309*
SCE3310	Teachning Science in the Elementary School	3.00	*Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430*
EEX4070	Teaching Exceptional Students	3.00	

RED4519	Diagnosis, Intervention in Reading	3.00	*Pre-Reqs: RED3309 OR RED3012*
RED4844	Reading Practicum	2.00	*Pre-Reqs: TSL3080 AND RED3309 OR RED4511 OR RED3012*
SSE3312	Teaching Social Studies	3.00	*Pre-Reqs: EDG4323 AND EDF4430*
MAE4326	How Children Learn Mathematics	3.00	*Pre-Reqs: TSL3080 AND MAE2801 AND EDF4430 AND EDG4323*
EDE4943	Student Internship	10.00	
ESE4945	Internship Seminar	3.00	
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	
TOTAL	Total Hours	**60.00**	

Sample Program of Study

Course	Title		
… …*1*	**The First Two Years Are Only Recommended for Entry**		
… …	**Year I**		
… …	**Semester 1**		
		SEM HRS	
ENC1101	College Composition	3.00	
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
EDF1005 *2*	Introduction to the Teaching Profession	3.00	

… …	**Year I**		
… …	**Semester II**		
		SEM HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
… …	**MATH OR SCIENCE ELECTIVE**	3.00	
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
ECO2013	Principles of Macro Economics **OR**	3.00	*Co-Reqs: ENC1101*
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*
EDF2085 *2*	Introduction to Diversity for Educators	3.00	

… …	**Year II**		
… …	**Semester I**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
REL2300	World Religion **OR**	3.00	*Co-Reqs: ENC1101*
WOH2012	World History I **OR**	3.00	*Co-Reqs: ENC1101*
WOH2022	World History II	3.00	*Co-Reqs: ENC1101*
BSC1010	General Biology I (For Science Majors)	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: BSC1010L*
BSC1010L	General Biology I (For Science Majors) Lab	1.00	*Conc-Reqs: BSC1010*
PET2084	Personal Health and Wellness	3.00	
EDP2002	Educational Psychology	3.00	

… …	**Year II**		
… …	**Semester II**		
		SEM HRS	
POS2041	American Federal Government	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
MAE2801	Elementary School Mathematics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*

| EME2040 [2] | Introduction to Education Technology | 3.00 |
| … … | **ELECTIVE** | 2.00 |

… …[3]	**Apply for Admission to BS Program**	
… …	**Year III**	
… …	**Semester I**	

		SEM HRS	
EDG4323	Professional Teaching Practices	3.00	
EDF4430	Classroom Assessment	3.00	
LAE3414	Children's Literature	3.00	
TSL3080	ESOL Issues and Strategies I	3.00	
RED3309	Early and Emergent Reading K-2	3.00	

| … … | **Year III** | |
| … … | **Semester II** | |

		SEM HRS	
LAE4314	Teaching Language Arts	3.00	
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*
EDE4223	Integrated Art, Music and Movement	3.00	
RED4511	Intermediate Literacy, Reading and Thinking	3.00	*Pre-Reqs: RED3309*
SCE3310	Teachning Science in the Elementary School	3.00	*Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430*

| … … | **Year IV** | |
| … … | **Semester I** | |

		SEM HRS	
RED4844	Reading Practicum	2.00	*Pre-Reqs: TSL3080 AND RED3309 OR RED4511 OR RED3012*
RED4519	Diagnosis, Intervention in Reading	3.00	*Pre-Reqs: RED3309 OR RED3012*
SSE3312	Teaching Social Studies	3.00	*Pre-Reqs: EDG4323 AND EDF4430*
EEX4070	Teaching Exceptional Students	3.00	
MAE4326	How Children Learn Mathematics	3.00	*Pre-Reqs: TSL3080 AND MAE2801 AND EDF4430 AND EDG4323*

| … … | **Semester II** | |

		SEM HRS	
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	
EDE4943	Student Internship	10.00	
ESE4945	Internship Seminar	3.00	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. This guide is a recommendation for the first two years. The Bachelor of Science in Elementary Education is a 2+2 program and full admittance into the program cannot be granted until the completion of all prerequisite courses and special admission requirements.

2. This course is a required prerequisite for admission into the program. All prerequisite courses require a grade of "C" or better.

3. After completion of the first two years, apply for admission into the Bachelor Science in Elementary Education program and complete all other admission requirements.

Bachelor of Science - Exceptional Education

Program Information

BS Degree - Code 6222 - Catalog 2009/2010

Kathleen Lazarus, Chair, College of Education, 386-506-3649

Program Description

This is a state-approved program that fulfills the education courses, professional education competencies, and practical experience required to obtain a five-year Professional Educator's Certificate in Exceptional Education. The program includes state endorsements for Reading and ESOL.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

1. Students must have completed two years of the same foreign language in high school or two semesters of the same college level foreign language to graduate.

2. Students must meet CLAST requirements during the first two years of this program.

3. Students must apply and receive an Associate of Arts degree before admission to the upper two years of this program.

4. Students must have a cumulative GPA of 2.5 for admission into the program.

5. Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required to be admitted to the upper two years of this degree. Click here for more information or to register for the exam!

6. Satisfactory Level II background check by the Florida Department of Law Enforcement and the Federal Bureau of Investigation is required prior to admission into the upper two years of this program. Information and registration is available by clicking the following link. Our access code is JLA0020984. www.priderockholdings.com/SafeSupport/Volusia For a list of disqualifying offenses view Florida Statute 1012.315

7. Students must submit a separate application for admission to the upper two years of this program.

8. Students must maintain a 2.5 or better GPA in the bachelor's portion of this degree.

Program Specific Courses

Course	Title	SEM HRS	
EDF4430	Classroom Assessment	3.00	
RED3012	Principles of Reading	3.00	
EDG4323	Professional Teaching Practices	3.00	
TSL3080	ESOL Issues and Strategies I	3.00	
EEX3240	Organization, Curriculum Theory and Instructional Strategies	2.00	
EEX3280	Career/Vocational Assessment and Planning	2.00	
LAE3414	Children's Literature	3.00	
SSE3312	Teaching Social Studies	3.00	*Pre-Reqs: EDG4323 AND EDF4430*
LAE4314	Teaching Language Arts	3.00	
SCE3310	Teachning Science in the Elementary School	3.00	*Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430*
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*
RED4844	Reading Practicum	2.00	*Pre-Reqs: TSL3080 AND RED3309 OR RED4511 OR RED3012*

RED4519	Diagnosis, Intervention in Reading	3.00	*Pre-Reqs: RED3309 OR RED3012*
EEX4601	Behavior Management	3.00	
EEX4221	Assessment of Exceptional Education Students	3.00	
MAE4326	How Children Learn Mathematics	3.00	*Pre-Reqs: TSL3080 AND MAE2801 AND EDF4430 AND EDG4323*
EEX4943	Student Externship	9.00	
ESE4945	Internship Seminar	3.00	
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	
TOTAL	Total Hours	**60.00**	

Sample Program of Study

Course	Title		
… …*1*	**The First Two Years are Only**		
… …	**Recommended for Entry into Program**		
… …	**Year I**		
… …	**Semester I**		
		SEM HRS	
ENC1101	College Composition	3.00	
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
EDF1005 *2*	Introduction to the Teaching Profession	3.00	

Course	Title		
… …	**Year I**		
… …	**Semester II**		
		SEM HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
… …	**Math or Science Elective**	3.00	
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
ECO2013	Principles of Macro Economics **OR**	3.00	*Co-Reqs: ENC1101*
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*
EDF2085 *2*	Introduction to Diversity for Educators	3.00	

Course	Title		
… …	**Year II**		
… …	**Semester I**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
REL2300	World Religion **OR**	3.00	*Co-Reqs: ENC1101*
WOH2012	World History I	3.00	*Co-Reqs: ENC1101*
WOH2022	World History II **OR**	3.00	*Co-Reqs: ENC1101*
BSC1010	General Biology I (For Science Majors)	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: BSC1010L*
BSC1010L	General Biology I (For Science Majors) Lab	1.00	*Conc-Reqs: BSC1010*
PET2084	Personal Health and Wellness	3.00	
EDP2002	Educational Psychology	3.00	

Course	Title		
… …	**Year II**		
… …	**Semester II**		
		SEM HRS	
POS2041	American Federal Government	3.00	*Co-Reqs: ENC1101*
ARH1000	Art Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation **OR**	3.00	*Co-Reqs: ENC1101*

LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
MAE2801	Elementary School Mathematics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
EME2040 2	Introduction to Education Technology	3.00	

… …	**Elective**
… …3	**Apply for Admission to BS Program**
… …	**Year III**
… …	**Semester I**

		SEM HRS
EDF4430	Classroom Assessment	3.00
RED3012	Principles of Reading	3.00
EDG4323	Professional Teaching Practices	3.00
TSL3080	ESOL Issues and Strategies I	3.00
EEX3240	Organization, Curriculum Theory and Instructional Strategies	2.00

… …	**Year III**
… …	**Semester II**

		SEM HRS	
EEX3280	Career/Vocational Assessment and Planning	2.00	
LAE3414	Children's Literature	3.00	
SSE3312	Teaching Social Studies	3.00	*Pre-Reqs: EDG4323 AND EDF4430*
LAE4314	Teaching Language Arts	3.00	
SCE3310	Teachning Science in the Elementary School	3.00	*Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430*
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*

… …	**Year IV**
… …	**Semester I**

		SEM HRS	
RED4844	Reading Practicum	2.00	*Pre-Reqs: TSL3080 AND RED3309 OR RED4511 OR RED3012*
RED4519	Diagnosis, Intervention in Reading	3.00	*Pre-Reqs: RED3309 OR RED3012*
EEX4601	Behavior Management	3.00	
EEX4221	Assessment of Exceptional Education Students	3.00	
MAE4326	How Children Learn Mathematics	3.00	*Pre-Reqs: TSL3080 AND MAE2801 AND EDF4430 AND EDG4323*

… …	**Year IV**
… …	**Semester II**

		SEM HRS
EEX4943	Student Externship	9.00
ESE4945	Internship Seminar	3.00
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. This guide is a recommendation for the first two years. The Bachelor of Science in Elementary Education is a 2+2 program and full admittance into the program cannot be granted until the completion of all prerequisite courses and special admission requirements.

2. This course is a required prerequisite for admission into the program. All prerequisite courses require a grade of "C" or better.

3. After completion of the first two years, apply for admission into the Bachelor Science in Elementary Education program and complete all other admission requirements.

Bachelor of Science - Secondary Biology Education

Program Information

BS Degree - Code 6224 - Catalog 2009/2010

Kathleen Lazarus, Academic Chair, Education, 386-506-3649

Kristy Presswood, AVP, Education, 386-506-3822, presswk@daytonastate.edu

Program Description

This is a state-approved program that fulfills the education courses, professional education competencies, and practical experience required to obtain a five-year Professional Educator's Certificate in Secondary Biology Education. The program includes state endorsements for Reading and ESOL.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

1. Students must have completed two years of the same foreign language in high school or two semesters of the same college level foreign language to graduate.

2. Students must meet CLAST requirements during the first two years of this program.

3. Students must apply and receive an Associate of Arts degree before admission to the upper two years of this program.

4. Students must have a cumulative GPA of 2.5 for admission into the program.

5. Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required to be admitted to the upper two years of this degree. Click here for more information or to register for the exam!

6. Satisfactory Level II background check by the Florida Department of Law Enforcement and the Federal Bureau of Investigation is required prior to admission into the upper two years of this program. Information and registration is available by clicking the following link. Our access code is JLA0020984. www.priderockholdings.com/SafeSupport/Volusia For a list of disqualifying offenses view Florida Statute 1012.315

7. Students must submit a separate application for admission to the upper two years of this program.

8. Students must maintain a 2.5 or better GPA in the bachelor's portion of this degree.

Program Specific Courses

Course	Title	SEM HRS	
PCB3034	General Ecology	3.00	*Pre-Reqs: BSC1011*
OCB2000	Introduction to Marine Biology	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: OCB2000L*
OCB2000L	Introduction to Marine Biology Lab	1.00	*Conc-Reqs: OCB2000*
EDG4323	Professional Teaching Practices	3.00	
TSL3080	ESOL Issues and Strategies I	3.00	
EDF3214	Child/Adolescent Development and Learning	3.00	
PCB3203	Cell Physiology/Development	3.00	*Pre-Reqs: BSC1010 AND BSC1010L*
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*
EDF4430	Classroom Assessment	3.00	

Course	Title		
EME3434	Integrating Technology into Math and Science	3.00	*Pre-Reqs: EME2040*
EEX4242	Teaching Exceptional Students in Secondary Schools	3.00	
PCB3060	Introduction to Genetics	3.00	*Pre-Reqs: BSC1011L AND BSC1011 AND CHM1046 AND MAC1105 AND CHM1046L*
SCE4360	Science Instructional Analysis	4.00	*Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430*
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	
LAE4361	Strategies for Literacy for Middle/High Schools	3.00	*Pre-Reqs: TSL3080 AND EDG4323*
BOT3151	Flora of Florida's Coastal Wetlands	4.00	*Pre-Reqs: BOT1010 AND BSC1010*
ESE4943	Student Internship	9.00	
ESE4945	Internship Seminar	3.00	
TOTAL	Total Hours	**60.00**	

Sample Program of Study

Course	Title		
… …	**The First Two Years Are Only Recommended**		
… …	**for Entry into the Program**		
… …	**Year I**		
… …	**Semester I**		
		SEM HRS	
ENC1101	College Composition	3.00	
BSC1010 *2*	General Biology I (For Science Majors)	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: BSC1010L*
BSC1010L *2*	General Biology I (For Science Majors) Lab	1.00	*Conc-Reqs: BSC1010*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
EDF1005 *2*	Introduction to the Teaching Profession	3.00	
… …	**Year I**		
… …	**Semester II**		
		SEM HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
BSC1011 *2*	General Biology II (For Science Majors)	3.00	*Pre-Reqs: BSC1010C OR BSC1010* *Conc-Reqs: BSC1011L*
BSC1011L *2*	General Biology II (For Science Majors) Lab	1.00	*Pre-Reqs: BSC1010C OR BSC1010* *Conc-Reqs: BSC1011*
PET2084	Personal Health and Wellness **OR**	3.00	
HUN1201	Human Nutrition	3.00	
ARH1000	Art Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
OCE1001 *2*	Introduction to Oceanography **OR**	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107*
MET2010	Meteorology	3.00	*Co-Reqs: MAT1033 AND ENC1101 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MAC2311 OR MGF2106*
… …	**Year II**		
… …	**Semester I**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

		SEM HRS	
CHM1045 *2*	General College Chemistry I	3.00	*Co-Reqs: ENC1101 AND MAC1105 OR MAP2302 OR MAC1114 OR MAC2312 OR MGF2107 OR STA2023 OR MAC1140 OR MAC2311 OR MAC2313 OR MAT1033 OR MAC2233 OR MGF2106 Conc-Reqs: CHM1045L*
CHM1045L *2*	General College Chemistry I Lab	1.00	*Conc-Reqs: CHM1045*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
REL2300	World Religion **OR**	3.00	*Co-Reqs: ENC1101*
WOH2012	World History I **OR**	3.00	*Co-Reqs: ENC1101*
WOH2022	World History II	3.00	*Co-Reqs: ENC1101*
EME2040 *2*	Introduction to Education Technology	3.00	

… …   Year II
… …   Semester II

		SEM HRS	
ECO2013	Principles of Macro Economics **OR**	3.00	*Co-Reqs: ENC1101*
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*
CHM1046 *2*	General College Chemistry II	3.00	*Pre-Reqs: CHM1045C OR CHM1045 Conc-Reqs: CHM1046L*
CHM1046L *2*	General College Chemistry II Lab	1.00	*Pre-Reqs: CHM1045C OR CHM1045L OR CHM1045 Conc-Reqs: CHM1046*
BOT1010 *2*	General Botany	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BOT1010L*
BOT1010L *2*	General Botany Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BOT1010*
EDF2085 *2*	Introduction to Diversity for Educators	3.00	

… …   Apply for Admission to BS Program
… …   Year III
… …   Semester I

		SEM HRS	
PCB3034	General Ecology	3.00	*Pre-Reqs: BSC1011*
OCB2000	Introduction to Marine Biology	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: OCB2000L*
OCB2000L	Introduction to Marine Biology Lab	1.00	*Conc-Reqs: OCB2000*
EDG4323	Professional Teaching Practices	3.00	
TSL3080	ESOL Issues and Strategies I	3.00	
EDF3214	Child/Adolescent Development and Learning	3.00	

… …   Year 3
… …   Semester II

		SEM HRS	
PCB3203	Cell Physiology/Development	3.00	*Pre-Reqs: BSC1010 AND BSC1010L*
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*
EDF4430	Classroom Assessment	3.00	
EME3434	Integrating Technology into Math and Science	3.00	*Pre-Reqs: EME2040*
EEX4242	Teaching Exceptional Students in Secondary Schools	3.00	

… …   Year IV
… …   Semester I

		SEM HRS	
PCB3060	Introduction to Genetics	3.00	*Pre-Reqs: BSC1011L AND BSC1011 AND CHM1046 AND MAC1105 AND CHM1046L*
SCE4360	Science Instructional Analysis	4.00	*Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430*
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	

| LAE4361 | Strategies for Literacy for Middle/High Schools | 3.00 | *Pre-Reqs: TSL3080 AND EDG4323* |
| BOT3151 | Flora of Florida's Coastal Wetlands | 4.00 | *Pre-Reqs: BOT1010 AND BSC1010* |

| ... ... | **Year IV** | | |
| ... ... | **Semester II** | | |

		SEM HRS	
ESE4943	Student Internship	9.00	
ESE4945	Internship Seminar	3.00	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. This guide is a recommendation for the first two years. The Bachelor of Science in Secondary Biology Education is a 2+2 program and full admittance into the program cannot be granted until the completion of all prerequisite courses and special admission requirements.

2. This course is a required prerequisite for admission into the program. All prerequisite courses require a grade of "C" or better.

3. After completion of the first two years, apply for admission into the Bachelor Science in Elementary Education program and complete all other admission requirements.

Bachelor of Science - Secondary Earth/Space Science Education

Program Information

BS Degree - Code 6227 - Catalog 2009/2010

Kathleen Lazarus, Academic Chair, Education, 386-506-3649

Kristy Presswood, AVP, Education, 386-506-3822, presswk@daytonastate.edu

Program Description

This is a state-approved program that fulfills the education courses, professional education competencies, and practical experience required to obtain a five-year Professional Educator's Certificate in Secondary Earth/Space Science Education. The program includes state endorsements for Reading and ESOL.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

1. Students must have completed two years of the same foreign language in high school or two semesters of the same college level foreign language to graduate.

2. Students must meet CLAST requirements during the first two years of this program.

3. Students must apply and receive an Associate of Arts degree before admission to the upper two years of this program.

4. Students must have a cumulative GPA of 2.5 for admission into the program.

5. Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required to be admitted to the upper two years of this degree. Click here for more information or to register for the exam!

6. Satisfactory Level II background check by the Florida Department of Law Enforcement and the Federal Bureau of Investigation is required prior to admission into the upper two years of this program. Information and registration is available by clicking the following link. Our access code is JLA0020984. www.priderockholdings.com/SafeSupport/Volusia For a list of disqualifying offenses view Florida Statute 1012.315

7. Students must submit a separate application for admission to the upper two years of this program.

8. Students must maintain a 2.5 or better GPA in the bachelor's portion of this degree.

Program Specific Courses

Course	Title	SEM HRS	
EDF3214	Child/Adolescent Development and Learning	3.00	
MET2010	Meteorology	3.00	*Co-Reqs: MAT1033 AND ENC1101 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MAC2311 OR MGF2106*
TSL3080	ESOL Issues and Strategies I	3.00	
EDG4323	Professional Teaching Practices	3.00	
AST1002	Astronomy	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023*
PCB3034	General Ecology	3.00	*Pre-Reqs: BSC1011*
OCE3014	Oceanography: Coastal Ocean Studies in Geomorphology and Biogeochemistry	3.00	*Pre-Reqs: MAT1033 AND OCE1001 AND GLY2010L AND GLY2010*

EME3434	Integrating Technology into Math and Science	3.00	*Pre-Reqs: EME2040*
EDF4430	Classroom Assessment	3.00	
EEX4242	Teaching Exceptional Students in Secondary Schools	3.00	
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*
LAE4361	Strategies for Literacy for Middle/High Schools	3.00	*Pre-Reqs: TSL3080 AND EDG4323*
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	
SCE4360	Science Instructional Analysis	4.00	*Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430*
BOT3151	Flora of Florida's Coastal Wetlands	4.00	*Pre-Reqs: BOT1010 AND BSC1010*
ESE4943	Student Internship	9.00	
ESE4945	Internship Seminar	3.00	
TOTAL	Total Hours	**60.00**	

Sample Program of Study

Course	Title		
… …*1*	**The First Two Years Are Only Recommended**		
… …	**for Entry into Program**		
… …	**Year I**		
… …	**Semester 1**		
		SEM HRS	
ENC1101	College Composition	3.00	
BSC1010 *2*	General Biology I (For Science Majors)	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: BSC1010L*
BSC1010L *2*	General Biology I (For Science Majors) Lab	1.00	*Conc-Reqs: BSC1010*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
EDF1005	Introduction to the Teaching Profession	3.00	

… …	**Year 1**		
… …	**Semester II**		
		SEM HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
BSC1011 *2*	General Biology II (For Science Majors)	3.00	*Pre-Reqs: BSC1010C OR BSC1010 Conc-Reqs: BSC1011L*
BSC1011L *2*	General Biology II (For Science Majors) Lab	1.00	*Pre-Reqs: BSC1010C OR BSC1010 Conc-Reqs: BSC1011*
PET2084	Personal Health and Wellness **OR**	3.00	
HUN1201	Human Nutrition	3.00	
EDF2085 *2*	Introduction to Diversity for Educators	3.00	
OCE1001 *2*	Introduction to Oceanography	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107*

… …	**Year II**		
… …	**Semester I**		
		SEM HRS	
MAC2311L *2*	Calculus I Lab	1.00	*Conc-Reqs: MAC2311*
MAC2311 *2*	Calculus I	3.00	*Pre-Reqs: MAC1140 AND MAC1114 Conc-Reqs: MAC2311L*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
GLY2010 *2*	Physical Geology	3.00	*Co-Reqs: ENC1101 Conc-Reqs: GLY2010L*
GLY2010L *2*	Physical Geology Lab	1.00	*Conc-Reqs: GLY2010*
REL2300	World Religion **OR**	3.00	*Co-Reqs: ENC1101*

		SEM HRS	
WOH2012	World History I **OR**	3.00	*Co-Reqs: ENC1101*
WOH2022	World History II	3.00	*Co-Reqs: ENC1101*
ARH1000	Art Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*

… …   Year II
… …   Semester II

		SEM HRS	
CHM1045 *4*	General College Chemistry I	3.00	*Co-Reqs: ENC1101 AND MAC1105 OR MAP2302 OR MAC1114 OR MAC2312 OR MGF2107 OR STA2023 OR MAC1140 OR MAC2311 OR MAC2313 OR MAT1033 OR MAC2233 OR MGF2106 Conc-Reqs: CHM1045L*
CHM1045L *4*	General College Chemistry I Lab **OR**	1.00	*Conc-Reqs: CHM1045*
CHM1025 *4*	Introductory to Chemistry	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107 Conc-Reqs: CHM1025L*
CHM1025L *4*	Introduction to Chemistry Lab	1.00	*Conc-Reqs: CHM1025*
GLY2100	Historical Geology	3.00	*Pre-Reqs: GLY2010L AND GLY2010*
EME2040 *2*	Introduction to Education Technology	3.00	
ECO2013	Principles of Macro Economics **OR**	3.00	*Co-Reqs: ENC1101*
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*

… …*3*   Apply for Admission to the BS Program
… …   Year III
… …   Semester I

		SEM HRS	
EDF3214	Child/Adolescent Development and Learning	3.00	
MET2010	Meteorology	3.00	*Co-Reqs: MAT1033 AND ENC1101 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MAC2311 OR MGF2106*
TSL3080	ESOL Issues and Strategies I	3.00	
EDG4323	Professional Teaching Practices	3.00	
AST1002	Astronomy	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023*
PCB3034	General Ecology	3.00	*Pre-Reqs: BSC1011*

… …   Year III
… …   Semester II

		SEM HRS	
OCE3014	Oceanography: Coastal Ocean Studies in Geomorphology and Biogeochemistry	3.00	*Pre-Reqs: MAT1033 AND OCE1001 AND GLY2010L AND GLY2010*
OCE3014L	Oceanography: Coastal Ocean Studies in Geomorphology and Biogeochemistry Lab	1.00	
EME3434	Integrating Technology into Math and Science	3.00	*Pre-Reqs: EME2040*
EDF4430	Classroom Assessment	3.00	
EEX4242	Teaching Exceptional Students in Secondary Schools	3.00	
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*

… …   Year IV
… …   Semester I

		SEM HRS

LAE4361	Strategies for Literacy for Middle/High Schools	3.00	*Pre-Reqs: TSL3080 AND EDG4323*
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	
SCE4360	Science Instructional Analysis	4.00	*Pre-Reqs: TSL3080 AND EDG4323 AND EDF4430*
BOT3151	Flora of Florida's Coastal Wetlands	4.00	*Pre-Reqs: BOT1010 AND BSC1010*

… …	**Year IV**		
… …	**Semester II**		

		SEM HRS	
ESE4943	Student Internship	9.00	
ESE4945	Internship Seminar	3.00	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. This guide is a recommendation for the first two years. The Bachelor of Science in Elementary Education is a 2+2 program and full admittance into the program cannot be granted until the completion of all prerequisite courses and special admission requirements.

2. This course is a required prerequisite for admission into the program. All prerequisite courses require a grade of "C" or better. Student must take the Chemistry lab that corresponds with the Chemistry course they choose.

3. After completion of the first two years, students should apply for admission into the Bachelor Science in Education programs and complete all other admission requirements.

4. PHY2048 /PHY2048L and PHY2049/PHY2049L can be substituted for the lower division chemistry courses according to the State prerequisite manual. However, the chemistry courses are recommended by Daytona State College.

Bachelor of Science - Secondary Mathematics Education

Program Description

This is a state-approved program that fulfills the education courses, professional education competencies and practical experience required to obtain a five-year Professional Educator's Certificate in Secondary Mathematics. The program includes state endorsements for Reading and ESOL.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

1. Students must have completed two years of the same foreign language in high school or two semesters of the same college level foreign language to graduate.

2. Students must meet CLAST requirements during the first two years of this program.

3. Students must apply and receive an Associate of Arts degree before admission to the upper two years of this program.

4. Students must have a cumulative GPA of 2.5 for admission into the program.

5. Satisfactory completion of the General Knowledge portion of the Florida Teacher Certification Exam is required to be admitted to the upper two years of this degree. Click here for more information or to register for the exam!

6. Satisfactory Level II background check by the Florida Department of Law Enforcement and the Federal Bureau of Investigation is required prior to admission into the upper two years of this program. Information and registration is available by clicking the following link. Our access code is JLA0020984. www.priderockholdings.com/SafeSupport/Volusia For a list of disqualifying offenses view Florida Statute 1012.315

7. Students must submit a separate application for admission to the upper two years of this program.

8. Students must maintain a 2.5 or better GPA in the bachelor's portion of this degree.

Program Specific Courses

Course	Title	SEM HRS	
TSL3080	ESOL Issues and Strategies I	3.00	
MTG4212	Modern Geometry	3.00	*Pre-Reqs: MAC2312L AND MAC2312*
MAS4203	Number Theory	3.00	*Pre-Reqs: MAC2312 AND MAC2312L*
EDG4323	Professional Teaching Practices	3.00	
EDF3214	Child/Adolescent Development and Learning	3.00	
MAS3105	Linear Algebra	3.00	*Pre-Reqs: MAC2312 AND MAC2312L*
STA4024	Statistics II	3.00	*Pre-Reqs: STA2023*
EEX4242	Teaching Exceptional Students in Secondary Schools	3.00	
EDF4430	Classroom Assessment	3.00	
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*

EME3434	Integrating Technology into Math and Science	3.00	*Pre-Reqs: EME2040*
MHF4404	History of Mathematics	3.00	*Pre-Reqs: MAC2311 AND MAC2311L*
LAE4361	Strategies for Literacy for Middle/High Schools	3.00	*Pre-Reqs: TSL3080 AND EDG4323*
MAS3301	Abstract Algebra	3.00	*Pre-Reqs: MAS3105*
MAE4360	Mathematics Instructional Analysis	3.00	*Pre-Reqs: EDF4430*
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	
ESE4943	Student Internship	9.00	
ESE4945	Internship Seminar	3.00	
TOTAL	Total Hours	**60.00**	

Sample Program of Study

Course	Title		
… …	**The First Two Years are Only**		
… …*1*	**Recommended for Entry into Program**		
… …	**Year I**		
… …	**Semester I**		
		SEM HRS	
ENC1101	College Composition	3.00	
MAC2311 *2*	Calculus I	3.00	*Pre-Reqs: MAC1140 AND MAC1114*
			Conc-Reqs: MAC2311L
MAC2311L *2*	Calculus I Lab	1.00	*Conc-Reqs: MAC2311*
REL2300	World Religion **OR**	3.00	*Co-Reqs: ENC1101*
WOH2012	World History I **OR**	3.00	*Co-Reqs: ENC1101*
WOH2022	World History II	3.00	*Co-Reqs: ENC1101*
EDF1005 *2*	Introduction to the Teaching Profession	3.00	
BSC1010	General Biology I (For Science Majors)	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: BSC1010L*
BSC1010L	General Biology I (For Science Majors) Lab	1.00	*Conc-Reqs: BSC1010*

… …	**Year I**		
… …	**Semester II**		
		SEM HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MAC2312 *2*	Calculus II	3.00	*Pre-Reqs: MAC2311*
			Conc-Reqs: MAC2312L
MAC2312L *2*	Calculus II Lab	1.00	*Pre-Reqs: MAC2311*
			Conc-Reqs: MAC2312
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
EDF2085 *2*	Introduction to Diversity for Educators	3.00	
ECO2013	Principles of Macro Economics **OR**	3.00	*Co-Reqs: ENC1101*
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*

… …	**Year II**		
… …	**Semester I**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAP2302	Differential Equations	2.00	*Pre-Reqs: MAC2312 OR MAC2312L*
			Conc-Reqs: MAP2302L
MAP2302L	Differential Equations Lab	1.00	*Pre-Reqs: MAC2312*
			Conc-Reqs: MAP2302
MUL1010	Music Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*

ARH1000	Art Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
EME2040 *2*	Introduction to Education Technology	3.00	

… …   **Year II**
… …   **Semester II**

		SEM HRS	
MAD2104 *2*	Discrete Mathematics	3.00	*Pre-Reqs: MAC2311 AND MAC2311L*
… …*3*	**Physical Science Requirement**	3.00	
HUN1201	Human Nutrition **OR**	3.00	
PET2084	Personal Health and Wellness	3.00	
COP2220 *2*	Computer Programming "C"	3.00	*Pre-Reqs: COP1000 OR MAC1105*

… …*4*   **Apply for Admission to BS Program**
… …   **Year III**
… …   **Semester I**

		SEM HRS	
TSL3080	ESOL Issues and Strategies I	3.00	
MTG4212	Modern Geometry	3.00	*Pre-Reqs: MAC2312L AND MAC2312*
MAS4203	Number Theory	3.00	*Pre-Reqs: MAC2312 AND MAC2312L*
EDG4323	Professional Teaching Practices	3.00	
EDF3214	Child/Adolescent Development and Learning	3.00	
MAS3105	Linear Algebra	3.00	*Pre-Reqs: MAC2312 AND MAC2312L*

… …   **Year III**
… …   **Semester II**

		SEM HRS	
STA4024	Statistics II	3.00	*Pre-Reqs: STA2023*
EEX4242	Teaching Exceptional Students in Secondary Schools	3.00	
EDF4430	Classroom Assessment	3.00	
TSL4081	ESOL Issues and Strategies II	3.00	*Pre-Reqs: TSL3080*
EME3434	Integrating Technology into Math and Science	3.00	*Pre-Reqs: EME2040*

… …   **Year IV**
… …   **Semester I**

		SEM HRS	
MHF4404	History of Mathematics	3.00	*Pre-Reqs: MAC2311 AND MAC2311L*
LAE4361	Strategies for Literacy for Middle/High Schools	3.00	*Pre-Reqs: TSL3080 AND EDG4323*
MAS3301	Abstract Algebra	3.00	*Pre-Reqs: MAS3105*
MAE4360	Mathematics Instructional Analysis	3.00	*Pre-Reqs: EDF4430*
EDF4603	Critical Issues in Classroom Management, Ethics, Law and Safety	3.00	

… …   **Year IV**
… …   **Semester II**

		SEM HRS	
ESE4943	Student Internship	9.00	
ESE4945	Internship Seminar	3.00	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

1. This guide is a recommendaton for the first two years. The Bachelor of Science in Secondary Mathematics is a 2+2 program and full admittance into the program cannot be granted until the completion of all prerequisite courses and special admission requirements.

2. This course is a required prerequisite for admission into the program. All prerequisite courses require a grade of "C" or better.

3. Select a Physical Science course from the AA requirements list.

4. After completion of the first two years, apply for admission into the Bachelor of Science in Secondary Mathematics program and complete all other admission requirements.

Building Construction Technology

Program Description

A program providing entry level training for beginning students in residential and commercial contracting skills. The certificate includes instruction in masonry, framing, flooring, roofing, siding, and interior and exterior finishing. The program will be integrated to include technical courses with significant hands on experience off campus (cooperative education experience). Partners for cooperative learning will include local general contractors, specialty contractors and construction companies. The certificate will create a skilled workforce based on the needs expressed by local construction companies.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Textbooks cost approximately $350.00. Lab fees: $30.00 for each course, with exception to the two Co-op Work Experience courses.

Program Specific Courses

Course	Title	VOC HRS	
BCV0020	Tools, Safety and Pre-Construction Skills	1.00	*Conc-Reqs: BCV0020L*
BCV0020L	Tools, Safety and Pre-Construction Skills Lab	2.00	*Conc-Reqs: BCV0020*
BCV0050	Trade Career Path Introduction	1.00	*Conc-Reqs: BCV0050L*
BCV0050L	Trade Career Path Introduction Lab	2.00	*Conc-Reqs: BCV0050*
BCV0103	Wood Products, Substitutes, Lumber and Building Materials	1.00	*Conc-Reqs: BCV0103L*
BCV0103L	Wood Products, Substitutes, Lumber and Building Materials Lab	2.00	*Conc-Reqs: BCV0103*
BCV0110	Leveling Instruments, Site Preparation and Layout	1.00	*Conc-Reqs: BCV0110L*
BCV0110L	Leveling Instruments, Site Preparation and Layout Lab	2.00	*Conc-Reqs: BCV0110*
BCV0134	Foundation Formwork, Wall and Floor Framing	1.00	*Conc-Reqs: BCV0134L*
BCV0134L	Foundation Formwork, Wall and Floor Framing Lab	2.00	*Conc-Reqs: BCV0134*
BCV0140	Roof Framing I	1.00	*Conc-Reqs: BCV0140L*
BCV0140L	Roof Framing I Lab	2.00	*Conc-Reqs: BCV0140*
BCV0141	Roof Framing II and Timber Construction	1.00	
BCV0141L	Roof Framing II and Timber Construction Lab	2.00	
BCV0171	Interior Trim	1.00	*Conc-Reqs: BCV0171L*
BCV0171L	Interior Trim Lab	2.00	*Conc-Reqs: BCV0171*
BCV0173	Exterior Trim and Hardware Finishes	1.00	*Conc-Reqs: BCV0173L*
BCV0173L	Exterior Trim and Hardware Finishes Lab	2.00	*Conc-Reqs: BCV0173*
BCV0921	Carpentry Coop I	4.00	
BCV0922	Carpentry Coop II	4.00	

Sample Program of Study

Course	Title
… …	**First Year**
… …	**1st Semester**

		VOC HRS	
BCV0020	Tools, Safety and Pre-Construction Skills	1.00	*Conc-Reqs: BCV0020L*
BCV0020L	Tools, Safety and Pre-Construction Skills Lab	2.00	*Conc-Reqs: BCV0020*
BCV0103	Wood Products, Substitutes, Lumber and Building Materials	1.00	*Conc-Reqs: BCV0103L*
BCV0103L	Wood Products, Substitutes, Lumber and Building Materials Lab	2.00	*Conc-Reqs: BCV0103*
BCV0110	Leveling Instruments, Site Preparation and Layout	1.00	*Conc-Reqs: BCV0110L*
BCV0110L	Leveling Instruments, Site Preparation and Layout Lab	2.00	*Conc-Reqs: BCV0110*
BCV0140	Roof Framing I	1.00	*Conc-Reqs: BCV0140L*
BCV0110L	Leveling Instruments, Site Preparation and Layout Lab	2.00	*Conc-Reqs: BCV0110*

… …   2nd Semester

		VOC HRS	
BCV0134	Foundation Formwork, Wall and Floor Framing	1.00	*Conc-Reqs: BCV0134L*
BCV0134L	Foundation Formwork, Wall and Floor Framing Lab	2.00	*Conc-Reqs: BCV0134*
BCV0141	Roof Framing II and Timber Construction	1.00	
BCV0141L	Roof Framing II and Timber Construction Lab	2.00	
BCV0171	Interior Trim	1.00	*Conc-Reqs: BCV0171L*
BCV0171L	Interior Trim Lab	2.00	*Conc-Reqs: BCV0171*
BCV0173	Exterior Trim and Hardware Finishes	1.00	*Conc-Reqs: BCV0173L*
BCV0173L	Exterior Trim and Hardware Finishes Lab	2.00	*Conc-Reqs: BCV0173*

… …   Summer Semester - Term A

		VOC HRS
BCV0921	Carpentry Coop I	4.00

… …   Summer Semester - Term B

		VOC HRS
BCV0922	Carpentry Coop II	4.00

… …   Second Year
… …   1st Semester

		VOC HRS	
BCV0050	Trade Career Path Introduction	1.00	*Conc-Reqs: BCV0050L*
BCV0050L	Trade Career Path Introduction Lab	2.00	*Conc-Reqs: BCV0050*
TOTAL	VOC HRS.	**35.00**	
TOTAL	CONTACT HRS.	**1050.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Business Administration

Program Description

The program provieds a solid foundation in business administration principles and the basic techniques and skill for efficient and effective management of businesses. Graduates learn marketing, finance, accounting, management, human relations, business law, and entreprenerial skills.

Graduates of this program are eligible to be enrolled in Daytona State College, Bachelor of Applied Science in Supervision and Management program. Call (386) 506-4BAS or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ECO2013	*1*Principles of Macro Economics	3.00	*Co-Reqs: ENC1101*
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

... ... Humanities, Cultural & Aesthetic Core - CHOOSE ONE

Course	Title	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

... ... Historical and Global Core - CHOOSE ONE:

Course	Title	SEM HRS	
AMH2010	United States History to 1877	3.00	*Co-Reqs: ENC1101*
AMH2020	US History 1865 to Present	3.00	*Co-Reqs: ENC1101*
AMH2042	American Social History 1860 to Present	3.00	*Co-Reqs: ENC1101*
AMH2091	Survey of African American History	3.00	*Co-Reqs: ENC1101*

Course	Title	SEM HRS	
EUH2000	History of Western Civilization to 1648	3.00	*Co-Reqs: ENC1101*
EUH2001	History of Western Civilization from 1648 to Present	3.00	*Co-Reqs: ENC1101*
GEO2000	World Geography	3.00	*Co-Reqs: ENC1101*
INR2002	International Relations	3.00	*Co-Reqs: ENC1101*
REL2300	World Religion	3.00	*Co-Reqs: ENC1101*
WOH2012	World History I	3.00	*Co-Reqs: ENC1101*
WOH2022	World History II	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
ACG2022	Principles of Financial Accounting	4.00	
ACG2071	Principles of Managerial Accounting	4.00	*Pre-Reqs: ACG2022*
BUL2241	Business Law I	3.00	
CGS2100	Microcomputer Applications	3.00	
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*
FIN2000	Principles of Finance	3.00	
GEB1011 *2*	Introduction to Business	3.00	
GEB2351	International Business Practice Firm	3.00	
GEB2430	Business Ethics	3.00	*Co-Reqs: ENC1101*
LIS2004	Introduction to Internet Information Research Resources	1.00	
MAN2021 *2*	Principles of Management	3.00	
MAR2011 *2*	Principles of Global Marketing	3.00	
SBM2000 *2*	Small Business Management	3.00	
OST1141	Keyboarding	1.00	

Sample Program of Study

Course	Title		
… …	**FIRST YEAR**		
… …	**1st Semester**		

Course	Title	SEM HRS	
ACG2022	Principles of Financial Accounting	4.00	
ENC1101	College Composition	3.00	
GEB1011	Introduction to Business	3.00	
MAN2021	Principles of Management	3.00	
OST1141	Keyboarding	1.00	

… …	**2nd Semester**		

Course	Title	SEM HRS	
ACG2071	Principles of Managerial Accounting	4.00	*Pre-Reqs: ACG2022*
BUL2241	Business Law I	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
MAR2011	Principles of Global Marketing	3.00	

… …	**Summer Semester**		

Course	Title	SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**Humanities, Cutlural & Aesthetic Core**	3.00	
… …	**Historical and Global Core**	3.00	

… …   SECOND YEAR
… …   1st Semester

		SEM HRS	
CGS2100	Microcomputer Applications	3.00	
ECO2013	Principles of Macro Economics	3.00	*Co-Reqs: ENC1101*
LIS2004	Introduction to Internet Information Research Resources	1.00	
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*

… …   2nd Semester

		SEM HRS	
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*
FIN2000	Principles of Finance	3.00	
GEB2351	International Business Practice Firm	3.00	
GEB2430	Business Ethics	3.00	*Co-Reqs: ENC1101*
SBM2000	Small Business Management	3.00	

TOTAL   …   64.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. ECO2013 fulfills Behavioral and Social Sciences Core requirement for AS/AAS degree programs only.

2. Course counts toward Business Management Certificate - Code 0916

3. If transfering to a Florida State University, MAC2230 or MAC2233 is required.

Business Administration

Program Information

A.A.S. Degree - Code 3503 - Catalog 2009/2010

Evelyn Delaney, Assistant Chair, 386-785-2004, delanee@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

This program is designed for those who plan to become emplyed in the areas of business management, marketing management, small business/entrepreneurship, or computerized accounting/finance. The program contains a blend of general education courses and program specific courses.

Graduates of this program are eligible to be enrolled in Daytona State College, Bachelor of Applied Science in Supervision and Management program. Call (386) 506-4BAS or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ECO2013 *3*	Principles of Macro Economics **OR**	3.00	*Co-Reqs: ENC1101*
ECO2023	Principles of Micro Economics	3.00	*Co-Reqs: ENC1101*
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition **OR**	3.00	*Pre-Reqs: ENC1101*
ENC2210	Report Writing	3.00	*Pre-Reqs: ENC1101*
MAT1033 *4*	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*

… …   Humanities, Cultural & Aesthetic Core - CHOOSE ONE

Course	Title	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS

APA1111 _5_	Computerized Accounting/Bookkeeping I	4.00	
APA1121	Computerized Accounting/Bookkeeping II	4.00	_Pre-Reqs: APA1111_
APA1711 _5_	Computer Spreadsheet	3.00	
BUL2241	Business Law I	3.00	
FIN2000	Principles of Finance	3.00	
GEB1011 _5_	Introduction to Business	3.00	
GEB2430	Business Ethics	3.00	_Co-Reqs: ENC1101_
GEB2351	International Business Practice Firm **OR**	3.00	
GEB2949 _1_	Cooperative Education Experience in Business	3.00	
MAN2021 _5_	Principles of Management	3.00	
MAR2011 _5_	Principles of Global Marketing	3.00	
MNA2161	Quality Service Management	3.00	
MNA2345	Supervision of Personnel	3.00	
OST1141	Keyboarding **OR**	1.00	
LIS2004	Introduction to Internet Information Research Resources	1.00	
OST2336 _2_	Business Communications	3.00	_Pre-Reqs: ENC1101 OR ENC1200 OR OST1330_
QMB1001 _5_	Business Math	3.00	
SBM2000 _5_	Small Business Management	3.00	

Sample Program of Study

Course	Title		
… …	**FIRST YEAR**		
… …	**1st Semester**		
		SEM HRS	
APA1111	Computerized Accounting/Bookkeeping I	4.00	
APA1711	Computer Spreadsheet	3.00	
ENC1101	College Composition	3.00	
GEB1011	Introduction to Business	3.00	
MAN2021	Principles of Management	3.00	

Course	Title		
… …	**2nd Semester**		
		SEM HRS	
APA1121	Computerized Accounting/Bookkeeping II	4.00	_Pre-Reqs: APA1111_
ECO2013	Principles of Macro Economics **OR**	3.00	_Co-Reqs: ENC1101_
ECO2023	Principles of Micro Economics	3.00	_Co-Reqs: ENC1101_
ENC1102	Literature and Composition **OR**	3.00	_Pre-Reqs: ENC1101_
ENC2210	Report Writing	3.00	_Pre-Reqs: ENC1101_
LIS2004	Introduction to Internet Information Research Resources **OR**	1.00	
OST1141	Keyboarding	1.00	
OST2336	Business Communications	3.00	_Pre-Reqs: ENC1101 OR ENC1200 OR OST1330_

Course	Title		
… …	**Summer Semester**		
		SEM HRS	
QMB1001	Business Math	3.00	

Course	Title		
… …	**SECOND YEAR**		
… …	**1st Semester**		
		SEM HRS	
BUL2241	Business Law I	3.00	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
MAR2011	Principles of Global Marketing	3.00	
MAT1033	Intermediate Algebra	4.00	_Pre-Reqs: MAT0024_
MNA2345	Supervision of Personnel	3.00	

… …   2nd Semester

		SEM HRS	
FIN2000	Principles of Finance	3.00	
GEB2430	Business Ethics	3.00	*Co-Reqs: ENC1101*
GEB2351	International Business Practice Firm **OR**	3.00	
GEB2949	Cooperative Education Experience in Business	3.00	
MNA2161	Quality Service Management	3.00	
SBM2000	Small Business Management	3.00	

TOTAL   …   **64.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. GEB2949 Cooperative Education Experience in Business is approved by Assistant Chair for a value of 1-4 semester hours.

2. OST2336 meets the graduation requirements for Oral Communication for this program.

3. ECO2013 fulfils Behavioral and Social Sciences Core requirements for AS/AAS degree programs only.

4. MAT1033 fulfils general education requirements for AAS degree programs only.

5. Course counts toward Business Management Certificate - 0916.

Business Management

Program Description

The college credit certificate program is designed to provide individuals with the skills and knowledge necessary to start, operate, and/or improved their own small business. Classes will be scheduled to accommodate the needs of individuals already working in the business world.

This college credit certificate is articulated into the AAS degree in Business Administration.

Note: This program is eligible for federal financial aid and state bright futures.

Program Specific Courses

Course	Title	SEM HRS
APA1111	Computerized Accounting/Bookkeeping I	4.00
APA1711	Computer Spreadsheet	3.00
GEB1011	Introduction to Business	3.00
GEB2949 *1*Cooperative Education Experience in Business		2.00
MAN2021	Principles of Management	3.00
MAR2011	Principles of Global Marketing	3.00
QMB1001	Business Math	3.00
SBM2000	Small Business Management	3.00

Sample Program of Study

Course	Title	SEM HRS
… …	**1st Semester**	
APA1111	Computerized Accounting/Bookkeeping I	4.00
GEB1011	Introduction to Business	3.00
MAN2021	Principles of Management	3.00
QMB1001	Business Math	3.00
… …	**2nd Semester**	
APA1711	Computer Spreadsheet	3.00
GEB2949	Cooperative Education Experience in Business	2.00
MAR2011	Principles of Global Marketing	3.00
SBM2000	Small Business Management	3.00
TOTAL	…	**24.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. GEB2949 Cooperative Education Experience in Business is approved by Assistant Chair for a value of 1 -4 semester hours.

Business Operations - Entrepreneurship

Program Information

A.S. Certificate - Code 0913 - Catalog 2009/2010

Evelyn Delaney, Assistant Chair, 386-785-2004, delanee@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

The college credit certificate program is designed to provide individuals with the skills and knowledge necessary to start, operate, and/or improve their own small business. Classes will be scheduled to accommodate the needs of individuals already working in the business world.

Credits earned in this program may be applied toward the AAS degree in Business Administration.

Note: To ensure Financial Aid program eligibility, students need to also be accepted to the parallel associate degree program.

Program Specific Courses

Course	Title	SEM HRS
FIN1100	Personal Financial Planning	3.00
FIN2000	Principles of Finance	3.00
MAR2011	Principles of Global Marketing	3.00
QMB1001	Business Math	3.00
SBM2000	Small Business Management	3.00
… …	**Elective - Choose one:**	
MAN2021	Principles of Management **OR**	3.00
MNA2161	Quality Service Management **OR**	3.00
MNA2345	Supervision of Personnel	3.00

Sample Program of Study

Course	Title	SEM HRS
… …	**1st Semester**	
FIN1100	Personal Financial Planning	3.00
MAR2011	Principles of Global Marketing	3.00
QMB1001	Business Math	3.00
SBM2000	Small Business Management	3.00
… …	**2nd Semester**	
FIN2000	Principles of Finance	3.00
… …	**Elective - Choose one:**	
MAN2021	Principles of Management **OR**	3.00
MNA2161	Quality Service Management **OR**	3.00
MNA2345	Supervision of Personnel	3.00
TOTAL	…	**18.00**

Cable Installation

Program Information

A.S. Certificate - Code 0921 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Lawrence Pivec, Assistant Chair,

Linda Sullivan , 386-506-3087, sullivi@daytonastate.edu

03/27/2009 M - 21:

Program Description

The certificate program provides students with the knowledge and skills necessary to install, and test cable. This program is designed to prepare students for employment as a cable installer, cable tester, cable technician, or to provide supplemental training to persons previously or currently employed in these occupations. More specifically, students will be able to use the various types of precision test equipment found in general use throughout the electronics industry for the purpose of analyzing, troubleshooting and repairing electronic circuitry.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Class Materials Fees: $20 for each program specific EET course; $20 for CGS material fee. See course descriptions.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

All of these courses count towards either the AS degree in Computer Engineering Technology, Computer Information Technology, Computer Programming and Analysis, Electronics Engineering Technology, and Networking Services Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CGS1570	Introduction to Computer Applications	1.00	
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
EET2142	Analog Circuits and Basic Analog Communications	3.00	*Pre-Reqs: EET1141L AND EET1141*
EET2142L	Analog Circuits and Basic Analog Communications Lab	1.00	*Conc-Reqs: EET2142*

Sample Program of Study

Course	Title	SEM HRS
… …	**1st Semester**	
CGS1570	Introduction to Computer Applications	1.00

EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*

… …   2nd Semester

		SEM	
		HRS	
EET2142	Analog Circuits and Basic Analog Communications	3.00	*Pre-Reqs: EET1141L AND EET1141*
EET2142L	Analog Circuits and Basic Analog Communications Lab	1.00	*Conc-Reqs: EET2142*

TOTAL   …   12.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Child Care Center Management Specialization

Program Information

A.S. Certificate - Code 0809 - Catalog 2009/2010

Mary Rodgers, Assistant Chair, 386-506-3113, rodgerm@daytonastate.edu

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

This program prepares students to function in the role of Child Care Administrator or Director. Students obtain the skills and knowledge to administer a quality child care facility with emphasis on staff supervision and financial management. This certificate program meets the requirements for the Advanced Level of the Florida Director's Credential. All the required courses in this certificate program can be applied toward the AS Degree in Early Childhood Education.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

FDLE Background Check - $24

Additional Admission Requirements

In addition to the required courses, students will be required to have a current approved certificate in first aid and infant/child CPR, a current CDA certificate or an equivalent CDA certificate, and the mandated DCF child care training hours.

Program Specific Courses

Course	Title	SEM HRS
CHD2801	Child Development Management	3.00
EEC2523	Leadership and Management of Child Care Programs	3.00
EEC2527	Child Care Center Financial and Legal Issues	3.00
CHD2320	Curriculum Planning for Early Childhood	3.00
TOTAL	…	**12.00**

Child Care Specialist Apprentice

Program Description

The Child Care Apprenticeship Program is a state subsidized, two-year program. We strive to improve the quality of childcare in America by giving childcare workers extensive classroom and on-the-job training (OJT). During the program's six semesters students will study first aid, CPR for young children, curriculum for developmentally appropriate activities for young children, 10-hour modules for special needs children, curriculum for infant and toddler, and curriculum for the after school care for school-age children. Students will have the opportunity to do hands-on activities to use with young children at their childcare centers. This program meets Child & Family Services licensing standards of a CDA Equivalency.

In most cases, a great deal of financial resources and energy are required to prepare for your career, but in a registered apprenticeship program, you are paid a progressively increased wage while you learn the occupation. This program is an aggressive step toward addressing what has become one of the most urgent needs of America's working families-quality child care and good wages for child care workers. Books are loaned to the apprentices each semester. Apprentices are required to work a total of 4,000 hours of OJT and 400 class hours for successful completion of the program. Classes are held at Daytona State College's Daytona Campus, at the West Campus in Deland, and South Campus in New Smyrna when there is significant interest.

Note: The length of this program makes it ineligible for federal and state financial aid.

Additional Admission Requirements

THE ENTRY QUALIFICATIONS SHALL INCLUDE:

Potential apprentices must be 18 years of age or older and employed at child care center

Volusia County Child Care Apprenticeship GNJ Committee must select first-year apprentices, before beginning the program

High school diploma or GED equivalency is required for admission into the program

High school transcripts required. GED grades report required when applicable

Must be employed in a Child Care Facility or Family Child Care Home

DAYTONA STATE COLLEGE ADMISSIONS REQUIREMENTS:

Students who have been selected by the committee must be admitted to Daytona State College by completing the Daytona State College Application for Admissions. The College does charge a one-time, non-refundable assessment fee to all students, at the time of initial enrollment.

Students will be registered for apprenticeship classes and on-the-job training through the appropriate apprenticeship committee.

Careers

Child Development Specialist

Child Care Associate

Child Care Teacher

Child Care Worker

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title

	VOC HRS	
HEV0941 Child Care Apprentice I	3.20	*Co-Reqs: HEV0941L Conc-Reqs: HEV0941*
HEV0941L Child Care Apprentice I Lab	22.66	*Co-Reqs: HEV0941 Conc-Reqs: HEV0941*
HEV0942 Child Care Apprentice II	3.20	*Conc-Reqs: HEV0942L*
HEV0942L Child Care Apprentice II Lab	22.66	*Conc-Reqs: HEV0942*
HEV0943 Child Care Apprentice III	1.20	*Conc-Reqs: HEV0943L*
HEV0943L Child Care Apprentice III Lab	21.33	*Conc-Reqs: HEV0943*
HEV0944 Child Care Apprentice IV	3.20	*Conc-Reqs: HEV0944L*
HEV0944L Child Care Apprentice IV Lab	22.66	*Conc-Reqs: HEV0944*
HEV0945 Child Care Apprentice V	3.20	*Conc-Reqs: HEV0945L*
HEV0945L Child Care Apprentice V Lab	22.66	*Conc-Reqs: HEV0945*
HEV0946 Child Care Apprentice VI	1.20	*Conc-Reqs: HEV0946L*
HEV0946L Child Care Apprentice VI Lab	21.33	*Conc-Reqs: HEV0946*
TOTAL LECTURE VOC. HRS.	**15.20**	
TOTAL LECTURE CONTACT HRS.	**456.00**	
TOTAL OJT VOC. HRS.	**133.30**	
TOTAL OJT CONTACT HRS.	**4000.00**	

Notes

GENERAL INFORMATION

Apprenticeship Programs are:

SKILLED BASED/APPLIED LEARNING CONSISTING OF:

Class Related Instruction
Usually 6 Hours per Week

On-the-Job Training (OJT)
Full-time Employment in Field

Approved by Florida Department of Education,
Apprenticeship Office of Workforce Education

JOURNEYMAN CERTIFICATE

Awarded by Apprenticeship Office of Workforce Education,
Florida Department of Education on Successful Completion of Program

GRADUATES:

Graduates are prepared to work as head teachers of pre-school classes, or assistants/paraprofessionals in the public school system. You will learn to make lesson plans, supervise children and be responsible for a class. Graduates are awarded certificates from Daytona State College (Child Development Specialist) and the Florida Department of Education, Apprenticeship Office of Workforce Education. Upon completion of the program, graduates can apply their credits (17.0 semester hours) toward an associate of science degree in Early Childhood Education.

Computer Engineering Technology

Program Information

A.S. Degree - Code 2013 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Lawrence Pivec, Assistant Chair,

Linda Sullivan , 386-506-3087, sullivi@daytonastate.edu

Program Description

The program provides a solid foundation in the installation, maintenance, and repair of computer systems, computer networks, robotics and simulation technology. The program provides a general electronics background and prepares students to pass the A+ Certification Examination. Selection of advanced electives allows students to specialize in networking, simulator technician or robotics options.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Consult college bookstore for approximate costs of textbooks. Consult college catalog for lab fees. Other costs include a scientific calculator, computer repair tool kit (approx. $20), and soldering kit (approx. $20).

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
… …	**Behavioral & Human Sciences Core-CHOOSE ONE:**		
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core -CHOOSE ONE:**		
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET2123	Microcomputer and Basic Digital Communications	3.00	*Pre-Reqs: CET1112 AND CET1112L AND EET1141L AND EET1141* *Conc-Reqs: CET2123L*
CET2123L	Microcomputer and Basic Digital Communications Lab	1.00	*Conc-Reqs: CET2123*
CET2154	A+:Computer Operating Systems	4.00	
CET1600	Network Plus	4.00	
CET2949	Cooperative Education Experience in Computer Engineering Technology	2.00	
COP1000	Principles of Computer Programming	3.00	
COP2220	Computer Programming "C"	3.00	*Pre-Reqs: COP1000 OR MAC1105*
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024* *Conc-Reqs: EET1011L*
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105* *Pre-Reqs: EET1011L AND EET1011* *Conc-Reqs: EET1021L*
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021* *Pre-Reqs: EET1011 AND EET1011L* *Conc-Reqs: EET1141L*
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
… …	**Elective**	4.00	
… …	**Elective**	3.00	
… …	**Elective**	3.00	

… … **Electives-Choose From:**

Course	Title	SEM HRS	
CAP1801	Simulation Fundamentals	3.00	
CAP2023	Introduction to Game Programming	3.00	
CAP2804	Advanced Simulation Systems	4.00	
ETM2315	Simulation Power and Control	2.00	*Pre-Reqs: EET1021 AND COP1000* *Conc-Reqs: ETM2315L*
ETM2315L	Simulation Power and Control Lab	1.00	*Conc-Reqs: ETM2315*
EGS1000	Professional Performance for Technicians	3.00	
CTS2306	Microsoft Windows Professional	4.00	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2620	Cisco Wide Area Network (WAN)	4.00	*Co-Reqs: CET2615*
CET2660	Fundamentals of Network Security	4.00	*Pre-Reqs: CET1600 OR CTS2306 OR CEN2304*
CET2850	Wireless Networking	4.00	*Pre-Reqs: CET1600*
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
CGS2100	Microcomputer Applications	3.00	
CTS2328	Managing and Maintaining a Windows Network Environment	4.00	*Pre-Reqs: CTS2306*
CTS2320	Implementing, Managing and Maintaining a Windows Network Infrastructure	4.00	*Pre-Reqs: CTS2306 OR CEN2304*

Sample Program of Study

Course	Title	SEM HRS	
	First Year		
	1st Semester		
ENC1101	College Composition	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
COP1000	Principles of Computer Programming	3.00	
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
	2nd Semester		
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024*
			Conc-Reqs: EET1011L
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
CET1600	Network Plus	4.00	
COP2220	Computer Programming "C"	3.00	*Pre-Reqs: COP1000 OR MAC1105*
CET2154	A+:Computer Operating Systems	4.00	
	Summer Semester		
	Humanities, Cultural & Aesthetic Core	3.00	
	Second Year		
	3rd Semester		
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
CET2123	Microcomputer and Basic Digital Communications	3.00	*Pre-Reqs: CET1112 AND CET1112L AND EET1141L AND EET1141*
			Conc-Reqs: CET2123L
CET2123L	Microcomputer and Basic Digital Communications Lab	1.00	*Conc-Reqs: CET2123*
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105*
			Pre-Reqs: EET1011L AND EET1011
			Conc-Reqs: EET1021L
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
	Elective	3.00	
	4th Semester		
	Behavioral & Human Sciences Core	3.00	
CET2949	Cooperative Education Experience in Computer Engineering Technology	2.00	
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
	Elective	4.00	
	Elective	3.00	
TOTAL	**…**	**68.00**	

Computer Engineering Technology Cisco (CCNA)

Program Information

A.S. Certificate - Code 0922 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Lawrence Pivec, Assistant Chair,

Linda Sullivan , 386-506-3087, sullivi@daytonastate.edu

03/25/2009 M - 200

Program Description

Program Description

The certificate program provides students with the knowledge and skills necessary to install, configure and maintain simple networks. Upon completion of this certificate, students may be employed as a Help-desk engineer and Field technician. This program prepares students to pass the Industry certification, Cisco Certified Network Associate (CCNA) exam. The overall benefits for preparing for such a certification is to increase the holder s professional credibility by ensuring high standards of technical expertise.

In particular, the CCNA certification indicates knowledge of networking for the Small-Office, Home-Office (SOHO) market and the ability to work in small businesses or organizations whose networks have fewer than 100 nodes. A CCNA certified individual can do the following: Install and configure Cisco switches and routers in multi-protocol internet-works using Local Area Network (LAN) and Wide Area Network (WAN) interfaces. Provide Level 1 troubleshooting service.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Class Materials Fees: $50 for each program specific CET course. See course descriptions.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

All of these courses count towards either the AS degree in Computer Engineering Technology, Computer Information Technology, Computer Programming and Analysis, Electronics Engineering Technology, and Networking Services Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CET1600	Network Plus	4.00	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2620	Cisco Wide Area Network (WAN)	4.00	*Co-Reqs: CET2615*

Sample Program of Study

Course	Title	SEM HRS
… …	**1st Semester**	
CET1600	Network Plus	4.00

… …   2nd Semester

		SEM HRS	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2620	Cisco Wide Area Network (WAN)	4.00	*Co-Reqs: CET2615*

TOTAL   … **12.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Computer Information Technology

Program Description

The Computer Information Administrator program provides students with the technical credentials needed for analyzing computer oriented operating procedures, software applications packages and hardware in order to devise efficient methods to manage a computer-based work environment. In addition, students will be able to develop new systems to meet projected needs, select and install information technology equipment, troubleshoot information technology equipment and manage and support information technology users. Selected courses prep for CompTIA A+, MCP and MOS certifications.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

Successful completers of CTS 2306 are eligible to take the test to become a Microsoft Certified Professional.

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*

… … Behavioral & Human Sciences Core- CHOOSE ONE:

Course	Title	SEM HRS	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… … Humanities, Cultural & Aesthetic Core -CHOOSE ONE:

Course	Title	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*

MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
APA1111	Computerized Accounting/Bookkeeping I	4.00	
APA1121	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
COP2700	Introduction to Database Management **OR**	3.00	
CTS2431	Data Organization and Management	2.00	*Co-Reqs: COP1000 Conc-Reqs: CTS2431L*
CTS2431L	Data Organization and Management Lab	1.00	*Conc-Reqs: CTS2431*
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
CGS2100	Microcomputer Applications	3.00	
CTS2214	Project Management w/Microsoft Project	3.00	*Pre-Reqs: CGS2100*
COP1000	Principles of Computer Programming	3.00	
COP2510	Software Design and Development I	3.00	*Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010*
COP2949	Cooperative Educational Experience in Computer Programming	2.00	
MNA2161	Quality Service Management	3.00	
QMB1001	Business Math	3.00	

… …	**Computer Programming Elective-Choose One:**	SEM HRS	
CAP2023	Introduction to Game Programming	3.00	
CET2154	A+:Computer Operating Systems	4.00	
CGS2820	Web Programming (JavaScript, Ajax, ASP.Net)	3.00	*Co-Reqs: COP1000* *Pre-Reqs: CGS1555 AND COP1000 OR CTS1851*
CTS2402	Visual Basic Programming	3.00	*Pre-Reqs: COP1000*
EGS1000	Professional Performance for Technicians	3.00	
CTS2321	Linux System Administration	4.00	
COP2800	Computer Programming "Java"	3.00	*Pre-Reqs: COP1000*

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**	SEM HRS	
ENC1101	College Composition	3.00	
QMB1001	Business Math	3.00	
COP2700	Introduction to Database Management **OR**	3.00	
CTS2431	Data Organization and Management	2.00	*Co-Reqs: COP1000 Conc-Reqs: CTS2431L*
CTS2431L	Data Organization and Management Lab	1.00	*Conc-Reqs: CTS2431*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*

… …	**2nd Semester**		

		SEM HRS	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
CGS2100	Microcomputer Applications	3.00	
CET1600	Network Plus	4.00	

… …	**Summer Semester**		
		SEM HRS	
APA1111	Computerized Accounting/Bookkeeping I	4.00	
MNA2161	Quality Service Management	3.00	

… …	**Second Year**		
… …	**1st Semester**		
		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
APA1121	Computerized Accounting/Bookkeeping II	4.00	*Pre-Reqs: APA1111*
CTS2214	Project Management w/Microsoft Project	3.00	*Pre-Reqs: CGS2100*
COP1000	Principles of Computer Programming	3.00	

… …	**2nd Semester**		
		SEM HRS	
… …	**Behavioral & Human Sciences Core**	3.00	
CTS2306	Microsoft Windows Professional	4.00	
COP2510	Software Design and Development I	3.00	*Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010*
… …	**Computer Programming Elective**	3.00	
COP2949	Cooperative Educational Experience in Computer Programming	2.00	

TOTAL	…	**63.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Computer Programming

Program Information

A.S. Certificate - Code 0938 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Jameal Adkins, Assistant Chair, 386-506-3371, adkinsja@daytonastate.edu

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

Program Description

The program provides a solid foundation in programming. Students develop skills enabling them to program C, C++, Visual Basic; as well as to design and develop software. All credits earned in this program are applicable to the AS degree in Computer Programming and Analysis. Selected courses prep for MCP, MCAD, MOS, and Sun Java certifications.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Successful completers of CEN 2304 are eligible to take the test to become a Microsoft Certified Professional.

Program Specific Courses

Course	Title	SEM HRS	
CET1600	Network Plus **OR**	4.00	
CTS2306	Microsoft Windows Professional	4.00	
COP2001	Computer Programming "C++"	2.00	*Pre-Reqs: COP1000* *Conc-Reqs: COP2001L*
COP2001L	Computer Programming "C++" Lab	1.00	*Conc-Reqs: COP2001*
COP1000	Principles of Computer Programming	3.00	
CTS2402	Visual Basic Programming	3.00	*Pre-Reqs: COP1000*
COP2510	Software Design and Development I	3.00	*Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010*
COP2833	Web Application Development - ActionScripting	3.00	*Pre-Reqs: COP1000*
COP2800	Computer Programming "Java"	3.00	*Pre-Reqs: COP1000*
COP2949	Cooperative Educational Experience in Computer Programming	2.00	
EGS1000	Professional Performance for Technicians	3.00	
COP2700	Introduction to Database Management	3.00	
… …	**Computer Elective**	3.00	

… …	**Computer Elective - Choose From:**	SEM HRS	
CAP2023	Introduction to Game Programming	3.00	
CTS2403	Advanced Visual Basic Programming	2.00	*Pre-Reqs: CTS2402 OR COP2010*
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
CGS2100	Microcomputer Applications	3.00	
CGS2821	Advanced Web Programming (XML, ASP.Net, SQL Server)	3.00	*Pre-Reqs: CTS1851 OR CGS1555*
COP2220	Computer Programming "C"	3.00	*Pre-Reqs: COP1000 OR MAC1105*
COP2881	Advanced Computer Programming "Java"	3.00	*Pre-Reqs: COP2800*
CTS2431	Data Organization and Management	2.00	*Co-Reqs: COP1000 Conc-Reqs: CTS2431L*
CTS2431L	Data Organization and Management Lab	1.00	*Conc-Reqs: CTS2431*

Sample Program of Study

Course	Title		
… …	**1st Semester**		
		SEM HRS	
COP1000	Principles of Computer Programming	3.00	
COP2700	Introduction to Database Management	3.00	
CET1600	Network Plus **OR**	4.00	
CTS2306	Microsoft Windows Professional	4.00	
EGS1000	Professional Performance for Technicians	3.00	

Course	Title		
… …	**2nd Semester**		
		SEM HRS	
COP2800	Computer Programming "Java"	3.00	*Pre-Reqs: COP1000*
COP2833	Web Application Development - ActionScripting	3.00	*Pre-Reqs: COP1000*
CTS2402	Visual Basic Programming	3.00	*Pre-Reqs: COP1000*
COP2510	Software Design and Development I	3.00	*Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010*
… …	**Computer Elective**	3.00	

Course	Title		
… …	**Summer Semester**		
		SEM HRS	
COP2001	Computer Programming "C++"	2.00	*Pre-Reqs: COP1000* *Conc-Reqs: COP2001L*
COP2001L	Computer Programming "C++" Lab	1.00	*Conc-Reqs: COP2001*
COP2949	Cooperative Educational Experience in Computer Programming	2.00	

| **TOTAL** | **…** | **33.00** | |

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Computer Programming and Analysis (Software Engineering Technology)

Program Information

A.S. Degree - Code 2047 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Jameal Adkins, Assistant Chair, 386-506-3371, adkinsja@daytonastate.edu

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

Program Description

The program provides a solid foundation in computer programming. Students develop skills enabling them to code C, C++, Visual Basic and Java. Students will learn to design and develop software applications.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*

… …	**Behavioral & Human Sciences Core-CHOOSE ONE:**	3.00	
		SEM HRS	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… …	**Humanities, Cultural & Aesthetic Core -CHOOSE ONE:**	3.00	
		SEM HRS	
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title

Course	Title	SEM HRS	Requisites
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
CTS2214	Project Management w/Microsoft Project	3.00	*Pre-Reqs: CGS2100*
COP1000	Principles of Computer Programming	3.00	
COP2833	Web Application Development - ActionScripting	3.00	*Pre-Reqs: COP1000*
COP2001	Computer Programming "C++"	2.00	*Pre-Reqs: COP1000* *Conc-Reqs: COP2001L*
COP2001L	Computer Programming "C++" Lab	1.00	*Conc-Reqs: COP2001*
CTS2402	Visual Basic Programming	3.00	*Pre-Reqs: COP1000*
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
COP2510	Software Design and Development I	3.00	*Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010*
COP2700	Introduction to Database Management	3.00	
COP2800	Computer Programming "Java"	3.00	*Pre-Reqs: COP1000*
COP2949	Cooperative Educational Experience in Computer Programming	2.00	
EGS1000	Professional Performance for Technicians	3.00	
… …	**Computer Elective**	3.00	
… …	**Computer Elective**	3.00	
… …	**Computer Elective**	3.00	

… … Computer Elective-Choose From:

Course	Title	SEM HRS	Requisites
CTS2403	Advanced Visual Basic Programming	3.00	*Pre-Reqs: CTS2402 OR COP2010*
COP2220	Computer Programming "C"	3.00	*Pre-Reqs: COP1000 OR MAC1105*
CTS2321	Linux System Administration	4.00	
COP2831	Web Scripting (PHP)	3.00	*Pre-Reqs: CGS2820*
CAP2023	Introduction to Game Programming	3.00	
COP2881	Advanced Computer Programming "Java"	3.00	*Pre-Reqs: COP2800*
COP2905	Directed Study in Computer Programming	4.00	
CET2660	Fundamentals of Network Security	4.00	*Pre-Reqs: CET1600 OR CTS2306 OR CEN2304*
CGS2100	Microcomputer Applications	3.00	
CGS2820	Web Programming (JavaScript, Ajax, ASP.Net)	3.00	*Co-Reqs: COP1000* *Pre-Reqs: CGS1555 AND COP1000 OR CTS1851*
CGS2821	Advanced Web Programming (XML, ASP.Net, SQL Server)	3.00	*Pre-Reqs: CTS1851 OR CGS1555*
COP2850	Web Programming Project	3.00	

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**		

Course	Title	SEM HRS	Requisites
ENC1101	College Composition	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
COP1000	Principles of Computer Programming	3.00	
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	

… … 2nd Semester

Course	Title	SEM HRS	Requisites
COP2001	Computer Programming "C++"	2.00	*Pre-Reqs: COP1000* *Conc-Reqs: COP2001L*
COP2001L	Computer Programming "C++" Lab	1.00	*Conc-Reqs: COP2001*
CTS2402	Visual Basic Programming	3.00	*Pre-Reqs: COP1000*

		SEM HRS	
COP2700	Introduction to Database Management	3.00	
CET1600	Network Plus	4.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**Summer Semester**		
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
… …	**Second Year**		

Second Year content below

… …	**1st Semester**		

		SEM HRS	
… …	**Behavioral & Human Sciences Core**	3.00	
COP2833	Web Application Development - ActionScripting	3.00	*Pre-Reqs: COP1000*
COP2800	Computer Programming "Java"	3.00	*Pre-Reqs: COP1000*
CTS2214	Project Management w/Microsoft Project	3.00	*Pre-Reqs: CGS2100*
… …	**Computer Elective**	3.00	
… …	**2nd Semester**		

		SEM HRS	
COP2510	Software Design and Development I	3.00	*Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010*
EGS1000	Professional Performance for Technicians	3.00	
… …	**Computer Elective**	3.00	
… …	**Computer Elective**	3.00	
COP2949	Cooperative Educational Experience in Computer Programming	2.00	
TOTAL	…	**63.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Computer Specialist

Program Information

A.S. Certificate - Code 0901 - Catalog 2009/2010

Anindya Paul, Chair, School of Computer Scien, 386-506-3324, paula@daytonastate.edu

Lawrence Pivec, Assistant Chair,

Linda Sullivan , 386-506-3087, sullivi@daytonastate.edu

Program Description

The certificate program in Computer Specialist provides the student a broad understanding of computer systems architecture, analysis and design of computer systems, technical and product skills, underlying principles of technology and safety.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

May vary from $20-$50 for each program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degree in Computer Engineering Technology, and some courses could be applied towards AS degrees in Computer Information Technology, Electronics Engineering Technology, and Networking Services Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET2949	Cooperative Education Experience in Computer Engineering Technology	2.00	
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024* *Conc-Reqs: EET1011L*
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105* *Pre-Reqs: EET1011L AND EET1011* *Conc-Reqs: EET1021L*
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
CET1600	Network Plus **OR**	4.00	
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021* *Pre-Reqs: EET1011 AND EET1011L* *Conc-Reqs: EET1141L*
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
CET2154	A+:Computer Operating Systems	4.00	

Sample Program of Study

Course	Title		
… …	**1st Semester**		
		SEM	
		HRS	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024*
			Conc-Reqs: EET1011L
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*

Course	Title		
… …	**2nd Semester**		
		SEM	
		HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET2154	A+:Computer Operating Systems	4.00	
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105*
			Pre-Reqs: EET1011L AND EET1011
			Conc-Reqs: EET1021L
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*

Course	Title		
… …	**3rd Semester**		
		SEM	
		HRS	
CET1600	Network Plus **OR**	4.00	
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
CET2949	Cooperative Education Experience in Computer Engineering Technology	2.00	
TOTAL	…	**27.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Correctional Officer Recruit Training (Limited Access Program)

Program Description

The program is designed for the student who intends to become a correctional officer. Students learn the tasks, duties and responsibilities of a correctional officer. Florida statute requires this certificate of completion for certification as a correctional officer.
Job title: Correctional Officer.

This program is certified by the Criminal Justice Standards and Training Commission, Florida Department of Law Enforcement.

Graduates of the program are eligible to take the Florida Department of Law Enforcement Examination for Correctional Certification/Employment.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs
Lab Fees $ 320.00
Physical Exam - $ 150 to $ 250
Textbooks/Equipment/Uniforms - $ 200.00
State Exam - $ 100

Additional Admission Requirements
Complete a Criminal Justice Training Center Application.
Completion of the Basic Abilities Test (CJBAT) and score a minimum of 75%.
Completion of the test for Adult Basic Education (TABE) and score a minimum of 10.0 on each section. (This does not apply to Correctional Probation).
Must attend the Criminal Justice Training Center Orientation.
Satisfactory results of a Florida Department of Law Enforcement background check.
Must be able to meet minimum standards for the Florida Department of Law Enforcement as set forth in Florida Statute 943.
Be at least 19 years of age prior to graduation of program.
Be a citizen of the United States.
High School Diploma or GED.
Not have been convicted of any felony, domestic violence or of a misdemeanor involving perjury or false statement.
Any person who after July 1, 1981, pleads guilty or nolo-contendere to, or is found guilty of a felony or of a misdemeanor involving perjury or false statement shall not be eligible for employment or appointment as an officer, notwithstanding suspension of sentence or withholding of adjudication.
Never have received a dishonorable discharge from any of the Armed Forces of the United States.
Be of good moral character.
Currently possess a valid Driver's License.
Must be able to pass a physical examination by a licensed physician to include an EKG and drug screen.
Students will be held accountable for the policy and procedures of the Criminal Justice Training Center Program as outlined in the CJTC student policy/rule book, as well as the college student handbook.
Students will be required to wear uniforms.

Program Specific Courses

Course	Title

		VOC
		HRS
CJK0270	Corrections Legal I	1.53
CJK0285	Corrections Legal II	0.73
CJK0286	Corrections Communications	1.40
CJK0100	Corrections Interpersonal Skills I	2.07
CJK0101	Corrections Interpersonal Skills II	1.67
CJK0480	Emergency Preparedness	0.87
CJK0102	Correctional Operations	2.13
CJK0051	Criminal Justice Defensive Tactics	2.67
CJK0040	CMS Criminal Justice Firearms	2.67
CJK0031	CMS First Aid for Criminal Justice Officers	1.33
CJK0280	Criminal Justice Officer Physical Fitness Training	1.33

Sample Program of Study

Course	**Title**	
		VOC
		HRS
CJK0270	Corrections Legal I	1.53
CJK0285	Corrections Legal II	0.73
CJK0286	Corrections Communications	1.40
CJK0100	Corrections Interpersonal Skills I	2.07
CJK0101	Corrections Interpersonal Skills II	1.67
CJK0480	Emergency Preparedness	0.87
CJK0102	Correctional Operations	2.13
CJK0051	Criminal Justice Defensive Tactics	2.67
CJK0040	CMS Criminal Justice Firearms	2.67
CJK0031	CMS First Aid for Criminal Justice Officers	1.33
CJK0280	Criminal Justice Officer Physical Fitness Training	1.33

TOTAL	VOC. CRS.	**18.40**
TOTAL	CONTACT HRS.	**552.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Correctional Probation Officer Academy (Limited Access Program)

Program Information

Vocational Certificate - Code 1031 - Catalog 2009/2010

Sheila Ellison, Assistant Chair, 386-506-3882

Louie Mercer, Director, 386-506-3171, mercerlo@daytonastate.edu

Program Description

This program is designed for the student who intends to become a Correctional Probation Officer. Students learn tasks, duties and responsibilities of a Correctional Probation Officer. Florida statue requires this certificate of completion for certification as a Correctional Probation Officer. Job title: Correctional Probation Officer.

This program is certified by the Criminal Justice Standards and Training Commission, Florida Department of Law Enforcement.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Lab fees - $154

Physical Exam - $150 to $200

Textbooks - $75

State Exam - $100

Additional Admission Requirements

Complete a Criminal Justice Training Center Application.

Completion of the Basic Abilities Test (BAT) and score a minimum of:

Must attend the Criminal Justice Training Center Orientation.

Satisfactory results of a Florida Department of Law Enforcement background check.

Must be able to meet minimum standards for the Florida Department of Law Enforcement as set forth in Florida Statute 943

Be at least 19 years of age prior to graduation of program.

Be a citizen of the United States.

High School diploma or GED.

Not have been convicted of any felony, or of a misdemeanor involving perjury or false statement. Any Person who after July 1, 1981, pleads guilty or nolo-contendere to, or is found guilty of a felony or of a misdemeanor involbing perjury or false statement shall not be eligible for employment or appointment as an officer, notwithstanding suspension of sentence or witholding of adjudication.

Never have received a dishonorable from any of the Armed Forces of the United States.

Be of good moral character.

Currently possess a valid Driver's License.

Must be able to pass a physical examination by a licensed physician to include and EKG and drug screen.

Must possess a Bachelor's Degree or be in the final semester.

Students will be held accountable for the policy and procedures of the School of Criminal Justice program as outlined in the student policy/rule book, as well as the college student handbook.

Students will be required to wear uniforms.

Program Specific Courses

Course	Title	VOC HRS

CJK0273	Correctional Probation Caseload Management	1.33
CJK0274	Correctional Probation Supervision	2.93
CJK0275	Correctional Probation Investigations	1.30
CJK0276	Correctional Probation Management Information Systems	0.90
CJK0051	Criminal Justice Defensive Tactics	2.67
CJK0031	CMS First Aid for Criminal Justice Officers	1.33
CJK0255	Correctional Probation Firearms	0.53
CJK0281	Correctional Probation Officer Physical Fitness Training	1.13
CJK0271	Correctional Probation Legal	1.90
CJK0272	Correctional Probation Interpersonal Communication Skills	1.47

Sample Program of Study

Course	Title	VOC HRS
CJK0273	Correctional Probation Caseload Management	1.33
CJK0274	Correctional Probation Supervision	2.93
CJK0275	Correctional Probation Investigations	1.30
CJK0276	Correctional Probation Management Information Systems	0.90
CJK0051	Criminal Justice Defensive Tactics	2.67
CJK0031	CMS First Aid for Criminal Justice Officers	1.33
CJK0255	Correctional Probation Firearms	0.53
CJK0281	Correctional Probation Officer Physical Fitness Training	1.13
CJK0271	Correctional Probation Legal	1.90
CJK0272	Correctional Probation Interpersonal Communication Skills	1.47

| **TOTAL** | VOC. HRS. | **15.50** |
| **TOTAL** | CONTACT HRS. | **465.00** |

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Cosmetology</u>

<u>Program Information</u>

Vocational Certificate - Code 1084 - Catalog 2009/2010

Helen King, Assistant Chair, Daytona Campus, 386-506-4452, kingl@daytonastate.edu

Michael Zuba, Assistant Chair, Deltona Campus, 386-789-7346, zubam@daytonastate.edu

Dr. Stan Sidor, 386-506-3612, sidors@daytonastate.edu

<u>Program Description</u>

The program provides the student with the technical knowledge and skills necessary for entry-level employment in the cosmetology field. The curriculum incorporates the industry's most advanced training and educational systems. Students learn state of the art techniques for cutting, styling, creative hair coloring, skin care treatment and much more. Specialized classroom activities include intensive studies of cosmetology law, ethics, cosmetic chemistry, hair styling, manicure/pedicure, salon management and other information related to the occupation. Skill and technical knowledge are acquired through planned, supervised lab activities. Students use hair mannequins to perform initial exercises and perform cosmetic services upon clients in the college salon.

Note: This program is eligible for federal financial aid and state bright futures.

<u>Approximate Additional Costs</u>

Textbooks - $264.39 plus tax

Lab Fees - Refer to individual catalog descriptions for lab fee requirements

Students may purchase other supplies ranging in price from $350.00 to $450.00 depending on brand selection and items purchased.

<u>Ability to Benefit (ATB) Consideration</u>

Students who do not have a standard high school diploma may be eligible for admission to this program if they meet the following criteria:

1. Take the Test of Adult Basic Education (TABE) which measures reading, English and math skills, and achieve specified minimum scores.

2. Meet with a counselor or advisor for placement test evaluation, advice on course selection and registration.

Students admitted to this program who achieved the ability to benefit level on the College Placement Exam (CPT) can receive student financial aid if eligible.

<u>Careers</u>

Hairdresser, fashion photo stylist, behind-the-scenes hair show stylist, platform artist, retail sales specialist, hair colorist, salon manager, or salon owner

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

<u>Program Specific Courses</u>

Course	Title	VOC HRS	
COS0080	Cosmetology I	2.67	*Conc-Reqs: COS0080L*
COS0080L	Cosmetology I Lab	5.33	*Conc-Reqs: COS0080*
COS0081	Cosmetology II	2.67	*Pre-Reqs: COS0080*
			Conc-Reqs: COS0081L
COS0081L	Cosmetology II Lab	5.33	*Conc-Reqs: COS0081*

COS0082 Cosmetology III	2.67	*Pre-Reqs: COS0081 AND COS0080*
		Conc-Reqs: COS0082L
COS0082L Cosmetology III Lab	5.33	*Conc-Reqs: COS0082*
COS0083 Cosmetology IV	2.67	*Pre-Reqs: COS0081 AND COS0080 AND COS0082*
		Conc-Reqs: COS0083L
COS0083L Cosmetology IV Lab	5.33	*Conc-Reqs: COS0083*
COS0084 Cosmetology V	2.67	*Pre-Reqs: COS0080 AND COS0082 AND COS0081 AND COS0083*
		Conc-Reqs: COS0084L
COS0084L Cosmetology V Lab	5.33	*Conc-Reqs: COS0084*

Sample Program of Study

Course	Title		
… …	**1st Semester**		
		VOC	
		HRS	
COS0080 Cosmetology I	2.67	*Conc-Reqs: COS0080L*	
COS0080L Cosmetology I Lab	5.33	*Conc-Reqs: COS0080*	
COS0081 Cosmetology II	2.67	*Pre-Reqs: COS0080*	
		Conc-Reqs: COS0081L	
COS0081L Cosmetology II Lab	5.33	*Conc-Reqs: COS0081*	

… …	**2nd Semester**		
		VOC	
		HRS	
COS0082 Cosmetology III	2.67	*Pre-Reqs: COS0081 AND COS0080*	
		Conc-Reqs: COS0082L	
COS0082L Cosmetology III Lab	5.33	*Conc-Reqs: COS0082*	
COS0083 Cosmetology IV	2.67	*Pre-Reqs: COS0081 AND COS0080 AND COS0082*	
		Conc-Reqs: COS0083L	
COS0083L Cosmetology IV Lab	5.33	*Conc-Reqs: COS0083*	

… …	**3rd Semester**		
		VOC	
		HRS	
COS0084 Cosmetology V	2.67	*Pre-Reqs: COS0080 AND COS0082 AND COS0081 AND COS0083*	
		Conc-Reqs: COS0084L	
COS0084L Cosmetology V Lab	5.33	*Conc-Reqs: COS0084*	

TOTAL	VOC. HRS.	**40.00**
TOTAL	CONTACT HRS.	**1200.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Criminal Justice Bridge for Federal Law Enforcement Officers (Limited Access Program)

Program Information

A.S. Degree - Code 2239 - Catalog 2009/2010

Robert Doyle, Assistant Chair, 386-506-3089, doylebo@daytonastate.edu

Louie Mercer, Director - School of Emergency, 386-506-3171, mercerlo@daytonastate.edu

04/01/2009 M - 29

Program Description

This program is a limited access Criminal Justice A.S. degree program that is specifically designed for certified Federal Law Enforcement officers who wish to obtain a two-year college degree in their field and may wish to continue their studies by entering Daytona State College's Bachelor of Applied Science (B.A.S.) degree in Supervision and Management.

Program participants must be currently trained, certified and working Federal Law Enforcement officers.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Students should contact the Criminal Justice Training Center for approximate costs of lab fees.

Additional Admission Requirements

Students must have previously completed a Federal Law Enforcement Academy and must be certified in Law Enforcement by the Federal Government.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
RTV2300	Broadcast Research/Newswriting/Presentation Skills **OR**	3.00	*Pre-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MGF2107	Mathematics for Liberal Arts **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103* *Pre-Reqs: MAT1033*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities **OR**	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS
CCJ1010	Introduction to Criminology	3.00
CCJ1020	Introduction to Criminal Justice	3.00

| CJC1000 | Introduction to Corrections | 3.00 |
| CJJ2002 | Juvenile Delinquency | 3.00 |

… …	**Criminal Justice Electives (Choose 2)**	
		SEM
		HRS
CCJ2949	Cooperative Education Experience in Criminal Justice	3.00
CCJ2949	Cooperative Education Experience in Criminal Justice	3.00
CCJ2647	Organized Crime	3.00
CJT2100	Criminal Investigation	3.00
CJE1670	Crime Scene Investigation	3.00
CCJ2930	Selected Topics in Criminal Justice	3.00

Specializations

Course	Title	
… …	**Advanced Standing Courses**	
		SEM
		HRS
… …	**CJD2990**	**28.00**
… …	**Credit Awarded for Fed. Academy & Certification**	

Sample Program of Study

Course	Title	
… …	**Credit awarded upon completion of a Federal Law En**	**28.00**
… …	**1st Semester**	
		SEM
		HRS
ENC1101	College Composition	3.00
CCJ1020	Introduction to Criminal Justice	3.00
… …	**Criminal Justice Elective**	3.00

… …	**2nd Semester**		
		SEM	
		HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MGF2107	Mathematics for Liberal Arts **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103*
			Pre-Reqs: MAT1033
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*

… …	**3rd Semester**		
		SEM	
		HRS	
… …	**Criminal Justice Elective**	3.00	
RTV2300	Broadcast Research/Newswriting/Presentation Skills **OR**	3.00	*Pre-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
CCJ1010	Introduction to Criminology	3.00	
CJJ2002	Juvenile Delinquency	3.00	

… …	**4th Semester**	
		SEM
		HRS

HUM2210 Prehistory to Medieval Humanities **OR**	3.00	*Co-Reqs: ENC1101*
HUM2230 Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
PSY1012 General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
SYG2000 Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
CJC1000 Introduction to Corrections	3.00	
TOTAL …	**64.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Criminal Justice Technology Bridge (Limited Access Programs)

Program Information

A.S. Degree - Code 2039 - Catalog 2009/2010

Robert Doyle, Assistant Chair, 386-506-3089, doylebo@daytonastate.edu

Louie Mercer, Director, 386-506-3171, mercerlo@daytonastate.edu

Program Description

The Criminal Justice Training Center offers an associate of science degree bridge program that allows law enforcement and correctional officers who have been certified in compliance with the Criminal Justice Standards and Training Commission, to transfer vocational credits earned in their academy to college credit. The program will prepare officers for promotion to a supervisory capacity and meets the qualifications for salary incentives. Non certified individuals may also be eligible for enrollment in the program if their intention is to become state certified at a later date.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Students should contact the Criminal Justice Training Center for approximate costs of lab fees and textbooks.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033 OR MAC1105*
MGF2107	Mathematics for Liberal Arts	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033*
… …	**Behavioral & Human Sciences Core - CHOOSE ONE**		
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2022	Nineteenth Century English Literature	3.00	*Pre-Reqs: ENC1101*
ENL2280	Contemporary English Literature	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Culinary Management

Program Description

This program provides students with the necessary food service skills and culinary skills for an entry-level position as a restaurant cook, chef (restaurants, hotels, clubs, large industrial kitchens) or a food service manager. The curriculum is designed to give the student a solid foundation of cooking skills. Students also are taught sanitation and safety, basic nutrition, supervision of personnel, purchasing, food and beverage service and cost control. With this base, graduates should be successful in any environment that requires basic or advanced knowledge of food preparation and handling.

Graduates of this program are eligible to enroll in Daytona State's Bachelor of Applied Science in Supervision and Management Program. Call (386) 506-4BAS or e-mail BASinfo@DaytonaState.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees charged for each Food Production Course for food costs - $150

Uniforms - $125 (approximately)

Professional Cutlery - $221

Careers

Restaurant cook, Chef, Food Service Manager, Baker. Work in the industry in restaurants, hotels, country clubs, resorts, industrial kitchens.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033 6	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS
HFT1000	Introduction to Hospitality Industry	3.00
FOS1201	Sanitation and Safety	3.00
HFT2282	Hospitality Supervision	3.00

HUN1203	Culinary Nutrition	3.00	
HFT1820	Purchasing for Hospitality	3.00	
HFT1940	Hospitality Practicum I (Basic)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1940L
HFT1940L	Hospitality Practicum I Lab (Basic)	1.00	*Conc-Reqs: HFT1940*
HFT1941	Hospitality Practicum II (Intermediate)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1941L
HFT1941L	Hospitality Practicum II Lab (Intermediate)	1.00	*Conc-Reqs: HFT1941*
HFT2942	Hospitality Practicum III (Advanced)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT2942L
HFT2942L	Hospitality Practicum III Lab (Advanced)	1.00	*Conc-Reqs: HFT2942*
FSS1202 *1*	Food Production I	2.00	*Co-Reqs: FOS1201 Conc-Reqs: FSS1202L*
FSS1202L	Food Production I Lab	1.00	*Conc-Reqs: FSS1202*
FSS1222	Food Production II	2.00	*Pre-Reqs: FSS1202*
			Conc-Reqs: FSS1222L
FSS1222L	Food Production II Lab	1.00	*Conc-Reqs: FSS1222*
FSS1063	Baking	2.00	*Pre-Reqs: FOS1201*
			Conc-Reqs: FSS1063L
FSS1063L	Baking Lab	1.00	*Conc-Reqs: FSS1063*
FSS2210	Advanced Cuisine	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS2210L
FSS2210L	Advanced Cuisine Lab	1.00	*Conc-Reqs: FSS2210*
FSS1240	Contemporary American Cuisine	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS1240L
FSS1240L	Contemporary American Cuisine Lab	1.00	*Conc-Reqs: FSS1240*
FSS1242	International Cuisine	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS1242L
FSS1242L	International Cuisine Lab	1.00	*Conc-Reqs: FSS1242*
FSS2284	Catering and Buffet Management	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS2284L
FSS2284L	Catering and Buffet Management Lab	1.00	*Conc-Reqs: FSS2284*
HFT2454	Food and Beverage Cost Control	3.00	*Pre-Reqs: MAT1033*

Sample Program of Study

Course		Title	
… …		**First Year**	
… …		**1st Semester**	

		SEM HRS	
ENC1101	College Composition	3.00	
FOS1201	Sanitation and Safety	3.00	
HFT1000	Introduction to Hospitality Industry	3.00	
FSS1202 *1*	Food Production I	2.00	*Co-Reqs: FOS1201 Conc-Reqs: FSS1202L*
FSS1202L	Food Production I Lab	1.00	*Conc-Reqs: FSS1202*
FSS1222 *2*	Food Production II	2.00	*Pre-Reqs: FSS1202*
			Conc-Reqs: FSS1222L
FSS1222L	Food Production II Lab	1.00	*Conc-Reqs: FSS1222*

… …		**2nd Semester**	

		SEM HRS	
MAT1033 *6*	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
FSS1063	Baking	2.00	*Pre-Reqs: FOS1201*
			Conc-Reqs: FSS1063L
FSS1063L	Baking Lab	1.00	*Conc-Reqs: FSS1063*
HUN1203	Culinary Nutrition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
HFT2282	Hospitality Supervision	3.00	

… …		**Summer Semester A**	

	SEM HRS

		SEM HRS	
FSS1240 *3*	Contemporary American Cuisine	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS1240L
FSS1240L	Contemporary American Cuisine Lab	1.00	*Conc-Reqs: FSS1240*

… …   Summer Semester B

		SEM HRS	
FSS1242 *3*	International Cuisine	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS1242L
FSS1242L	International Cuisine Lab	1.00	*Conc-Reqs: FSS1242*

… …   Summer Semester C

		SEM HRS	
FSS2210 *3*	Advanced Cuisine	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS2210L
FSS2210L	Advanced Cuisine Lab	1.00	*Conc-Reqs: FSS2210*

… …   Second Year
… …   1st Semester

		SEM HRS	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HFT2454 *5*	Food and Beverage Cost Control	3.00	*Pre-Reqs: MAT1033*
HFT1940 *4*	Hospitality Practicum I (Basic)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1940L
HFT1940L	Hospitality Practicum I Lab (Basic)	1.00	*Conc-Reqs: HFT1940*
FSS2284 *3*	Catering and Buffet Management	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS2284L
FSS2284L	Catering and Buffet Management Lab	1.00	*Conc-Reqs: FSS2284*

… …   2nd Semester

		SEM HRS	
HFT1941 *4*	Hospitality Practicum II (Intermediate)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1941L
HFT1941L	Hospitality Practicum II Lab (Intermediate)	1.00	*Conc-Reqs: HFT1941*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HFT2942 *4*	Hospitality Practicum III (Advanced)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT2942L
HFT2942L	Hospitality Practicum III Lab (Advanced)	1.00	*Conc-Reqs: HFT2942*
HFT1820	Purchasing for Hospitality	3.00	

TOTAL   …   64.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

1. Co-Req Course FOS1201

2. Pre-Res Course FSS1202

3. Advanced Class must have completed FSS1222 prior to registering for this course

4. Advanced Class must have completed FSS 1222 or obtain approval from Department Chair

5. Student should complete and pass MAT1033 prior to registering for this class

6. MAT 1033 fulfills general education requirements for AAS degree programs only.

Culinary Operations - Baking and Pastry Specialization

Program Information

Vocational Certificate - Code 1034 - Catalog 2009/2010

Rick Florsheim, Chair, 386-506-3254, florshr@daytonastate.edu

Lisa Allen, Program Advisor, 386-506-3946, allenl@daytonastate.edu

Program Description

This program will prepare students for employment in the retail and wholesale bakery segment of the food service industry. This program is designed to teach students specific skills in the techniques and methods of planning, and production of baked goods. Students will learn industry standards of quality and quantity. An additional bonus for students in the Culinary AAS program if they choose to complete the Baking & Pastry Certificate is the increased marketability of their skill set.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees per course for Food Costs - $150

Uniform - Approximately $125

Professional Cutlery/Pastry Set - $221

Careers

Baker, Pastry Chef, Wedding Cake Specialist, Retail or Wholesale Bakeshop Manager.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	VOC HRS	
HMV0103	Pastry I	2.50	
HMV0104 *1*	Advanced Pastry	2.50	*Pre-Reqs: HMV0103*
FSS0070 *2*	Artisan Breads	2.50	
FSS0071 *2*	Cakes and Petit Fours	2.50	
FSS0072 *2*	Desserts Production and Presentation	2.50	*Pre-Reqs: HMV0104*
FSS0291 *2*	Chocolate and Pastillage and Sugar	2.50	*Pre-Reqs: HMV0104*
HMV0145 *2*	Wholesale Bakeshop Production	2.50	*Pre-Reqs: HMV0104*
HMV0146 *2*	Retail Bakeshop Production	2.50	*Pre-Reqs: HMV0104*

Sample Program of Study

Course	Title	VOC HRS	
… …	**First Year**		
… …	**First Semester**		
HMV0103	Pastry I	2.50	
HMV0104	Advanced Pastry	2.50	*Pre-Reqs: HMV0103*
FSS0070	Artisan Breads	2.50	
… …	**Second Semester**		
FSS0071	Cakes and Petit Fours	2.50	

| FSS0072 | Desserts Production and Presentation | 2.50 | *Pre-Reqs: HMV0104* |
| FSS0291 | Chocolate and Pastillage and Sugar | 2.50 | *Pre-Reqs: HMV0104* |

… …   Summer Semester

		VOC	
		HRS	
HMV0145	Wholesale Bakeshop Production	2.50	*Pre-Reqs: HMV0104*
HMV0146	Retail Bakeshop Production	2.50	*Pre-Reqs: HMV0104*

TOTAL   VOC. HRS.   20.00
TOTAL   CONTACT HRS.   600.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>**Notes**</u>

1 In order for the student to register in HMV0104 they must complete HMV0103

2 Student must complete HMV0104 prior to registering for FSS 0071, FSS0072, FSS0291, HMV0145 and HMV0146

Dental Assisting (Limited Access Program)

Program Description

This program teaches students to pass and receive dental instruments; expose, process, and mount dental radiographs; provide oral health care instructions; mix various dental materials; maintain patient clinical records and order supplies; manage recare maintenance systems; prepare instruments for sterilization; and acquire knowledge of infection control practices. Dental assistants are professional members of the dental health team who can perform minor laboratory and basic business office procedures.

Upon completion of the program, students are eligible to take the Dental Assisting National Board examination to obtain certification as a Certified Dental Assistant (CDA).

The Dental Assisting Program is accredited by the American Dental Association's Commission on Dental Accreditation, a specialized accrediting body recognized by the United States Department of Education. The Commission can be contacted at (312)440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs
Textbooks - $635
Lab Fees (including liability insurance) - $290
Uniforms, Lab Supplies, and Tooth Model - $500
American Dental Assistants Association Student Membership - $25
Graduation Fee - $25
Dental Assisting National Board Examination - $300
Health Screening and Immunizations (depends on applicant's health care provider) - $250
Basic Life Support Certification - $50
Florida Department of Law Enforcement Background Check - $25

Additional Admission Requirements
*Score on the placement test for vocational certification programs (TABE) indicating reading, language, and math skills at a 10th grade level or higher.
*Cumulative grade point average of 2.0 or better.
*Recommend taking a course in basic computer skills as well as general biology or anatomy and physiology before entering the program (if these courses were not taken previously in high school).
*Submit completed School of Dental Sciences application to the Academic Advisor in the College of Health, Human, and Public Services.
*Selection is made once per year based on the date of the School of Dental Sciences application.
*Completion of health screening to include: recent physical examination; verification of immunization against tetanus-diphtheria, measles, mumps, rubella, and Hepatitis B; and negative test for tuberculosis.
*Basic Life Support (BLS) certification for the Health Care Provider through the American Heart Association or the American Red Cross before entering the program.
*Florida Department of Law Enforcement (FDLE) background checks must be completed prior to the first day of class. Final program acceptance contingent upon satisfactory results of the FDLE screening.
*All program general education and dental assisting courses must be completed with a grade of "C" or better.
*OST 1330 Business English is an acceptable prerequisite course for SPC 2608 Oral Communication/Research/Presentation Skills and INP 1390 Human Relations in the Workplace for this program.

Dental Hygiene (Limited Access Program)

Program Information

A.S. Degree - Code 2036 - Catalog 2009/2010

Claire Peterson, Assistant Chair, 386-785-2068

Pamela Ridilla, Chairperson, 386-785-2093, ridillp@daytonastate.edu

05/04/2009 M - 36.

Program Description

Students are taught to remove deposits from tooth surfaces; provide methods of oral physiotherapy; expose, process, mount, and interpret dental radiographs; provide oral health education as well as acquire knowledge in methods of infection control practices. Dental hygienists are licensed professionals, who under the supervision of a licensed dentist, provide oral health care services and treatment in dental offices and public health facilities.

During the last semester of this program, students are eligible to take the National Board Dental Hygiene Examination. Upon successfully passing the National Board Dental Hygiene Examination and graduating from the program, graduates are eligible to take state/regional licensure examinations.

The Dental Hygiene Program is accedited by the American Dental Association's Commission on Dental Accreditation, a specialized accrediting body recognized by the United States Department of Education. The Commission can be contacted at (312)440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Textbooks - $1075

Lab Fees (including liability insurance) - $655

Uniforms and Supplies - $342

Instrument Kits, Clinical Supplies, and Tooth Model - $2125

American Dental Hygienists' Association Student Membership - $116

National Board Dental Hygiene Review Course - $400

National Board Dental Hygiene Examination - $265

Graduation Fee - $25

Class Pin and Composite Picture - $100

Florida Dental Hygiene Licensure Board Examination - $1000

Health Screening and Immunizations (depends on applicant's health care provider) - $250

Basic Life Support Certification - $50

Florida Department of Law Enforcement Background Check - $25

Additional Admission Requirements

*Completion of the prerequisite courses with a grade of "C" or better before submitting an application to the program: ENC 1101 College Composition; MAC 1105 College Algebra; BSC 1085/1085L Human Anatomy and Physiology I and Lab; BSC 1086/1086L Human Anatomy and Physiology II and Lab; and CHM 1025/1025L Introduction to Chemistry and Lab.

*Cumulative grade point average of 2.0 or better.

*Applicants who have graduated from a dental assisting program, accredited by the Commission on Dental Accreditation, within a three-year time frame, may receive credit for: DEH 1133 Orofacial Anatomy and Physiology; DES 1100/1100L Elements of Dental Materials and Lab; DES 1200/1200L Dental Radiology and Lab; DES 1840 Preventive Dentistry; and DES 2830L Expanded Functions for the Dental Hygienist. Transfer of credit for these courses will be at the discretion of the Chairperson.

*Submit completed School of Dental Sciences application to the Academic Advisor in the College of Health, Human, and Public Services between May 1st and May 31st.

*Completion of health screening to include: recent physical examination; verification of immunization against tetanus-diphtheria, measles,

mumps, rubella and Hepatitis B; and negative test for tuberculosis.

*Basic Life Support (BLS) certification for the Health Care Provider through the American Heart Association or the American Red Cross before entering the program.

*Florida Department of Law Enforcement (FDLE) background checks must be completed prior to the first day of class. Final program acceptance contingent upon satisfactory results of the FDLE screening.

*All program prerequisite, general education, and dental hygiene courses must be completed with a grade of "C" or better.

*Students will be held accountable for the policy and procedures of the dental hygiene program as outlined in the Dental Hygiene Student Policy Handbook as well as the College Student Handbook.

General Education Courses

Course	Title	SEM HRS	
HUN1201	Human Nutrition	3.00	
MCB1010 *1*	Microbiology	3.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010L*
MCB1010L	Microbiology Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… …   Humanities, Cultural & Aesthetic Core - CHOOSE ONE

Course	Title	SEM HRS	
AML2010	Early American Literature **OR**	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature **OR**	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature **OR**	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature **OR**	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
ENL2012	Early English Literature **OR**	3.00	*Pre-Reqs: ENC1101*
ENL2022	Nineteenth Century English Literature **OR**	3.00	*Pre-Reqs: ENC1101*
ENL2280	Contemporary English Literature **OR**	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities **OR**	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities **OR**	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I **OR**	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II **OR**	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea **OR**	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People **OR**	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation **OR**	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
DEH1002	Preclinical Dental Hygiene	2.00	*Pre-Reqs: BSC1085 AND BSC1086 AND BSC1085L AND BSC1086L Conc-Reqs: DEH1002L*
DEH1002L	Preclinical Dental Hygiene Lab	2.00	*Pre-Reqs: BSC1085 AND BSC1086L AND BSC1085L OR BSC1086 Conc-Reqs: DEH1002*
DEH1133	Orofacial Anatomy and Physiology	2.00	*Pre-Reqs: BSC1086L AND BSC1085 AND BSC1086 AND BSC1085L*
DEH1133L	Orofacial Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085 AND BSC1085L AND BSC1086L AND BSC1086*
DEH1800	Clinical Dental Hygiene I	2.00	*Co-Reqs: DEH1800L Pre-Reqs: DEH1002 AND DES1840 AND DEH1002L*

DEH1800L	Dental Hygiene Clinic I	2.00	*Co-Reqs: DEH1800*
			Pre-Reqs: DEH1002 AND DEH1002L AND DES1200L AND DES1200
DEH1802	Clinical Dental Hygiene II	2.00	*Co-Reqs: DEH1802L*
			Pre-Reqs: DEH1800L AND DEH1800
DEH1802L	Dental Hygiene Clinic II	2.00	*Co-Reqs: DEH1802*
			Pre-Reqs: DEH1800 AND DEH1800L
DEH2300	Pharmacology and Pain Control	2.00	*Pre-Reqs: BSC1086 AND CHM1025L AND BSC1086L AND CHM1025*
DEH2400	General and Oral Pathology	2.00	*Pre-Reqs: DEH2602 AND BSC1086L OR BSC1086*
DEH2602 2	Periodontology	3.00	*Pre-Reqs: DEH1002 AND DEH1002L AND DES1840*
DEH2702	Community Dental Health	2.00	*Pre-Reqs: DEH2804 AND DEH2602*
			Conc-Reqs: DEH2702L
DEH2702L	Community Dental Health Lab	1.00	*Pre-Reqs: DEH2804 AND DEH2602*
			Conc-Reqs: DEH2702
DEH2804	Clinical Dental Hygiene III	2.00	*Co-Reqs: DEH2804L*
			Pre-Reqs: DEH1802L AND DEH1802
DEH2804L	Dental Hygiene Clinic III	4.00	*Co-Reqs: DEH2804*
			Pre-Reqs: DEH1802 AND DEH1802L
DEH2806	Clinical Dental Hygiene IV	2.00	*Co-Reqs: DEH2806L*
			Pre-Reqs: DEH2804L AND DEH2804
DEH2806L	Dental Hygiene Clinic IV	4.00	*Co-Reqs: DEH2806*
			Pre-Reqs: DEH2804L AND DEH2804
DES1100	Elements of Dental Materials	2.00	*Pre-Reqs: DES2830L AND CHM1025 AND CHM1025L*
			Conc-Reqs: DES1100L
DES1100L	Elements of Dental Materials Lab	1.00	*Pre-Reqs: CHM1025L AND CHM1025 AND DES2830L*
			Conc-Reqs: DES1100
DES1200	Dental Radiography	2.00	*Pre-Reqs: BSC1086 AND BSC1086L AND CHM1025L AND CHM1025*
			Conc-Reqs: DES1200L
DES1200L	Dental Radiography Lab	2.00	*Pre-Reqs: BSC1086 AND CHM1025 AND BSC1086L AND CHM1025L*
			Conc-Reqs: DES1200
DES1840	Preventive Dentistry	2.00	*Pre-Reqs: BSC1086 AND BSC1086L AND BSC1085L AND BSC1085*
DES2010	Head and Neck Anatomy	2.00	*Pre-Reqs: DEH1133 AND DEH1133L*
DES2600	Medical and Dental Emergencies	1.00	*Pre-Reqs: DEH1802 AND BSC1086 AND BSC1086L*
DES2830L	Expanded Functions for the Dental Hygienist	2.00	*Pre-Reqs: DEH1133 AND DEH1002 AND DEH1002L*

Sample Program of Study

Course	Title		
… …	**PREREQUISITE COURSES**		
		SEM HRS	
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: BSC1086L
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L*
			Conc-Reqs: BSC1086
CHM1025	Introductory to Chemistry	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107 Conc-Reqs: CHM1025L*
CHM1025L	Introduction to Chemistry Lab	1.00	*Conc-Reqs: CHM1025*
ENC1101	College Composition	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*

Course	Title		
… …	**FIRST YEAR: FALL SEMESTER**		
		SEM HRS	
MCB1010	Microbiology	3.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010L*
MCB1010L	Microbiology Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010*
DEH1002	Preclinical Dental Hygiene	2.00	*Pre-Reqs: BSC1085 AND BSC1086 AND BSC1085L AND BSC1086L*
			Conc-Reqs: DEH1002L
DEH1002L	Preclinical Dental Hygiene Lab	2.00	*Pre-Reqs: BSC1085 AND BSC1086L AND BSC1085L OR BSC1086*
			Conc-Reqs: DEH1002
DEH1133	Orofacial Anatomy and Physiology	2.00	*Pre-Reqs: BSC1086L AND BSC1085 AND BSC1086 AND BSC1085L*

DEH1133L	Orofacial Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085 AND BSC1085L AND BSC1086L AND BSC1086*
DES1200	Dental Radiography	2.00	*Pre-Reqs: BSC1086 AND BSC1086L AND CHM1025L AND CHM1025*
			Conc-Reqs: DES1200L
DES1200L	Dental Radiography Lab	2.00	*Pre-Reqs: BSC1086 AND CHM1025 AND BSC1086L AND CHM1025L*
			Conc-Reqs: DES1200
DES1840	Preventive Dentistry	2.00	*Pre-Reqs: BSC1086 AND BSC1086L AND BSC1085L AND BSC1085*

... ...   FIRST YEAR: SPRING SEMESTER

		SEM HRS	
HUN1201	Human Nutrition	3.00	
DEH1800	Clinical Dental Hygiene I	2.00	*Co-Reqs: DEH1800L*
			Pre-Reqs: DEH1002 AND DES1840 AND DEH1002L
DEH1800L	Dental Hygiene Clinic I	2.00	*Co-Reqs: DEH1800*
			Pre-Reqs: DEH1002 AND DEH1002L AND DES1200L AND DES1200
DEH2602	Periodontology	3.00	*Pre-Reqs: DEH1002 AND DEH1002L AND DES1840*
DES2010	Head and Neck Anatomy	2.00	*Pre-Reqs: DEH1133 AND DEH1133L*
DES2830L	Expanded Functions for the Dental Hygienist	2.00	*Pre-Reqs: DEH1133 AND DEH1002 AND DEH1002L*

... ...   FIRST YEAR: SUMMER SEMESTER (Term A - Six Weeks)

		SEM HRS	
DEH1802	Clinical Dental Hygiene II	2.00	*Co-Reqs: DEH1802L*
			Pre-Reqs: DEH1800L AND DEH1800
DEH1802L	Dental Hygiene Clinic II	2.00	*Co-Reqs: DEH1802*
			Pre-Reqs: DEH1800 AND DEH1800L
DES1100	Elements of Dental Materials	2.00	*Pre-Reqs: DES2830L AND CHM1025 AND CHM1025L*
			Conc-Reqs: DES1100L
DES1100L	Elements of Dental Materials Lab	1.00	*Pre-Reqs: CHM1025L AND CHM1025 AND DES2830L*
			Conc-Reqs: DES1100

... ...   FIRST YEAR: SUMMER SEMESTER (Term B - Six Weeks)

		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

... ...   SECOND YEAR: FALL SEMESTER

		SEM HRS	
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
DEH2300	Pharmacology and Pain Control	2.00	*Pre-Reqs: BSC1086 AND CHM1025L AND BSC1086L AND CHM1025*
DEH2400	General and Oral Pathology	2.00	*Pre-Reqs: DEH2602 AND BSC1086L OR BSC1086*
DEH2804	Clinical Dental Hygiene III	2.00	*Co-Reqs: DEH2804L*
			Pre-Reqs: DEH1802L AND DEH1802
DEH2804L	Dental Hygiene Clinic III	4.00	*Co-Reqs: DEH2804*
			Pre-Reqs: DEH1802 AND DEH1802L
DES2600	Medical and Dental Emergencies	1.00	*Pre-Reqs: DEH1802 AND BSC1086 AND BSC1086L*

... ...   SECOND YEAR: SPRING SEMESTER

		SEM HRS	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
... ...3	**Humanities, Cultural & Aesthetic Core**	3.00	
DEH2702	Community Dental Health	2.00	*Pre-Reqs: DEH2804 AND DEH2602*
			Conc-Reqs: DEH2702L
DEH2702L	Community Dental Health Lab	1.00	*Pre-Reqs: DEH2804 AND DEH2602*
			Conc-Reqs: DEH2702

DEH2806	Clinical Dental Hygiene IV	2.00	*Co-Reqs: DEH2806L*
			Pre-Reqs: DEH2804L AND DEH2804
DEH2806L	Dental Hygiene Clinic IV	4.00	*Co-Reqs: DEH2806*
			Pre-Reqs: DEH2804L AND DEH2804

TOTAL … **88.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

1. MCB 1010/1010L fulfills general education requirements for AS degree programs only.

2. DEH 2602 meets the graduation requirement for the basic use of computers for this program.

3. See list of accepted courses listed under General Education Courses.

Drafting and Design Technology

03/27/2009 M - 30

Program Description

The program provides entry-level skills in Drafting and Design Technology for engineering, manufacturing and related disciplines. Instruction covers the various aspects of engineering drawing with specific instruction in 2D and 3D computer aided drafting. Solid modeling is also included to provide specific design and drawing techniques for manufacturing. With the inclusion of general education courses, this certificate can be directly applied towards the Associate of Applied Science degree in Drafting and Design Technology (CAD).

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	

… …	**General Education Elective - Choose One**		
		SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
EGS1110	Engineering Drawing	2.00	*Conc-Reqs: EGS1110L*
EGS1110L	Engineering Drawing Lab	1.00	*Conc-Reqs: EGS1110*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*

ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2350	Computer Aided Design Applications (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2350L
ETD2350L	Computer Aided Design Applications (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2350*
ETD2355	Inventor Solid Modeling	2.00	*Conc-Reqs: ETD2355L*
ETD2355L	Inventor Solid Modeling Lab **OR**	1.00	*Conc-Reqs: ETD2355*
ETD2364	SolidWorks Solid Modeling	2.00	*Conc-Reqs: ETD2364L*
ETD2364L	SolidWorks Solid Modeling Lab	1.00	*Conc-Reqs: ETD2364*
MTB1348	Applied Technical Math	3.00	*Pre-Reqs: MAT0024*

Sample Program of Study

Course	Title		
… …	**1st Semester**		
		SEM HRS	
ENC1101	College Composition	3.00	
MTB1348	Applied Technical Math	3.00	*Pre-Reqs: MAT0024*
EGS1110	Engineering Drawing	2.00	*Conc-Reqs: EGS1110L*
EGS1110L	Engineering Drawing Lab	1.00	*Conc-Reqs: EGS1110*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*

Course	Title		
… …	**2nd Semester**		
		SEM HRS	
… …	**General Education Elective**	3.00	
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2350	Computer Aided Design Applications (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2350L
ETD2350L	Computer Aided Design Applications (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2350*
ETD2355	Inventor Solid Modeling	2.00	*Conc-Reqs: ETD2355L*
ETD2355L	Inventor Solid Modeling Lab **OR**	1.00	*Conc-Reqs: ETD2355*
ETD2364	SolidWorks Solid Modeling	2.00	*Conc-Reqs: ETD2364L*
ETD2364L	SolidWorks Solid Modeling Lab	1.00	*Conc-Reqs: ETD2364*
… …	**TOTAL**	24.00	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Drafting and Design Technology (CAD)

Program Information

A.A.S. Degree - Code 3505 - Catalog 2009/2010

Roger Rowan, Chair, 386-506-4171, rowanr@daytonastate.edu

Sylvia Zuelch, Administrative Assistant, 386-506-4165, zuelchs@daytonastate.edu

Program Description

The program provides a foundation in the principles of engineering drawing with an emphasis on manufacturing, computer aided drafting (CAD) and 3D computer modeling. Along with a background in engineering drawing, students are provided with specialized courses in computer numerical control (CNC), tool design, solid modeling and 3D computer animation.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
… …	**Behavioral & Human Sciences Core - CHOOSE ONE**		
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
		SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title

		SEM HRS	
MTB1348	Applied Technical Math	3.00	*Pre-Reqs: MAT0024*
CGS2100	Microcomputer Applications	3.00	
EGS1110	Engineering Drawing	2.00	*Conc-Reqs: EGS1110L*
EGS1110L	Engineering Drawing Lab	1.00	*Conc-Reqs: EGS1110*
ETD2218	Geometric Tolerancing	2.00	*Pre-Reqs: EGS1110*
			Conc-Reqs: ETD2218L
ETD2218L	Geometric Tolerancing Lab	1.00	*Conc-Reqs: ETD2218*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2350	Computer Aided Design Applications (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2350L
ETD2350L	Computer Aided Design Applications (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2350*
ETD2355	Inventor Solid Modeling	2.00	*Conc-Reqs: ETD2355L*
ETD2355L	Inventor Solid Modeling Lab	1.00	*Conc-Reqs: ETD2355*
ETD2377	3D Computer Animation (3D Studio)	2.00	*Conc-Reqs: ETD2377L*
ETD2377L	3D Computer Animation (3D Studio) Lab	1.00	*Conc-Reqs: ETD2377*
ETD2465	Tool Design	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2465L
ETD2465L	Tool Design Lab	1.00	*Conc-Reqs: ETD2465*
ETD2805	Technical Illustration	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2805L
ETD2805L	Technical Illustration Lab	1.00	*Conc-Reqs: ETD2805*
ETD2364	SolidWorks Solid Modeling	2.00	*Conc-Reqs: ETD2364L*
ETD2364L	SolidWorks Solid Modeling Lab	1.00	*Conc-Reqs: ETD2364*
ETG2520	Statics and Strength of Materials	3.00	*Pre-Reqs: MTB1348 OR MAC1105*
PMT1250	Introduction to Computer Numerical Control	2.00	*Conc-Reqs: PMT1250L*
PMT1250L	Introduction to Computer Numerical Control	1.00	*Conc-Reqs: PMT1250*
ETG2949	Cooperative Education Experience in Engineering	2.00	
… …	**Manufacturing Elective**	3.00	

… …	**Manufacturing Elective - CHOOSE ONE**		
		SEM HRS	
PMT1212	Machine Tool Technology I	2.00	*Conc-Reqs: PMT1212L*
PMT1212L	Machine Tool Technology I Lab **OR**	1.00	*Conc-Reqs: PMT1212*
PMT2261	Introduction to Computer Aided Manufacturing (Mastercam)	2.00	*Conc-Reqs: PMT2261L*
PMT2261L	Introduction to Computer Aided Manufacturing (Mastercam) Lab	1.00	*Conc-Reqs: PMT2261*

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**		
		SEM HRS	
ENC1101	College Composition	3.00	
MTB1348	Applied Technical Math	3.00	*Pre-Reqs: MAT0024*
CGS2100	Microcomputer Applications	3.00	
EGS1110	Engineering Drawing	2.00	*Conc-Reqs: EGS1110L*
EGS1110L	Engineering Drawing Lab	1.00	*Conc-Reqs: EGS1110*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*

	2nd Semester		
… …		**SEM**	
		HRS	
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2805	Technical Illustration	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2805L
ETD2805L	Technical Illustration Lab	1.00	*Conc-Reqs: ETD2805*
PMT1250	Introduction to Computer Numerical Control	2.00	*Conc-Reqs: PMT1250L*
PMT1250L	Introduction to Computer Numerical Control	1.00	*Conc-Reqs: PMT1250*
… …	**Manufacturing Elective**	3.00	

	Summer Semester		
… …		**SEM**	
		HRS	
… …	**Behavioral & Human Sciences Core**	3.00	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	

	Second Year		
… …	**1st Semester**		
… …		**SEM**	
		HRS	
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
ETD2350	Computer Aided Design Applications (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2350L
ETD2350L	Computer Aided Design Applications (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2350*
ETD2355	Inventor Solid Modeling	2.00	*Conc-Reqs: ETD2355L*
ETD2355L	Inventor Solid Modeling Lab	1.00	*Conc-Reqs: ETD2355*
ETG2520	Statics and Strength of Materials	3.00	*Pre-Reqs: MTB1348 OR MAC1105*
ETG2949	Cooperative Education Experience in Engineering	2.00	

	2nd Semester		
… …		**SEM**	
		HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
ETD2218	Geometric Tolerancing	2.00	*Pre-Reqs: EGS1110*
			Conc-Reqs: ETD2218L
ETD2218L	Geometric Tolerancing Lab	1.00	*Conc-Reqs: ETD2218*
ETD2377	3D Computer Animation (3D Studio)	2.00	*Conc-Reqs: ETD2377L*
ETD2377L	3D Computer Animation (3D Studio) Lab	1.00	*Conc-Reqs: ETD2377*
ETD2465	Tool Design	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2465L
ETD2465L	Tool Design Lab	1.00	*Conc-Reqs: ETD2465*
ETD2364	SolidWorks Solid Modeling	2.00	*Conc-Reqs: ETD2364L*
ETD2364L	SolidWorks Solid Modeling Lab	1.00	*Conc-Reqs: ETD2364*

TOTAL	…	**62.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Early Childhood Education Associate Degree

Program Information

A.S. Degree - Code 2044 - Catalog 2009/2010

Mary Rodgers, Assistant Chair, 386-506-3113, rodgerm@daytonastate.edu

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Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

The program prepares students to work as child development center teachers, child development center curriculum coordinators, infant-toddler teachers, preschool teachers, child development center managers, or to provide supplementary training for persons previously or currently employed in these occupations. The program includes a core of courses which must be completed by all students and an area of specialization. The areas of specialization are Preschool (ages three to five), Infant/Toddler and Child Development Center Management. Activities and courses will reflect the student's area of specialization. A pre-admission consultation with the assistant chair is strongly recommended.

Select courses in this program meet the educational requirements for the CDA credential and the Director's Credential. Contact the assistant chair for further information.

Note: In addition to the required courses, students will be required to have a current approved certificate in first aid and infant child and adult CPR. This certificate must be earned in the semester prior to graduation.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

FDLE Background Screening $24

Additional Admission Requirements

-Basic Cardiac Life Support for Health Care Provider and AED through American Heart Association or American Red Cross.

-Program specific courses and general education courses must be completed with a grade 'C' or better.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
DEP2004	Developmental Psychology **OR**	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*

… …   Humanities, Cultural & Aesthetic Core - CHOOSE ONE

Course	Title	SEM HRS	
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*

LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CHD1104	Introduction to Early Childhood Education I	3.00	*Conc-Reqs: CHD1104L*
CHD1104L	Introduction to Early Childhood Education I Lab	1.00	*Conc-Reqs: CHD1104*
CHD1220	Child Growth and Development	3.00	
CHD1430	Observation, Recording and Assessment	3.00	
CHD1820	Introduction to Early Childhood Education II	3.00	*Conc-Reqs: CHD1820L*
CHD1820L	Introduction to Early Childhood Education II Lab	1.00	*Conc-Reqs: CHD1820*
CHD2320	Curriculum Planning for Early Childhood	3.00	
CHD2333	Creative Activities for the Young Child	2.00	*Conc-Reqs: CHD2333L*
CHD2333L	Creative Activities for the Young Child Lab	1.00	*Conc-Reqs: CHD2333*
CHD2334	Language Arts for the Young Child	3.00	*Conc-Reqs: CHD2334L*
CHD2334L	Language Arts Activities Lab	1.00	*Conc-Reqs: CHD2334*
CHD2335	Music and Motor Activities for the Young Child	2.00	*Conc-Reqs: CHD2335L*
CHD2335L	Music and Motor Activities for the Young Child Lab	1.00	*Conc-Reqs: CHD2335*
CHD2338	Math and Science for the Young Child	3.00	*Conc-Reqs: CHD2338L*
CHD2338L	Math and Science Activities Lab	1.00	*Conc-Reqs: CHD2338*
CHD2440	Child Development Practicum	6.00	
EEX1600	Classroom Management (Early Childhood)	2.00	
EEX2080	Teaching the Exceptional Learner	3.00	
HSC1421	Health, Safety and Nutrition for the Young Child	3.00	

TOTAL … 63.00

Specializations

Course	Title	
… …	**Students MUST select second (2nd) year courses**	
… …	**based on their area of specialization.**	
… …		
… …	**PRESCHOOL SPECIALIZATION**	
… …	**All Program Specific Courses**	
… …		
… …	**INFANT/TODDLER SPECIALIZATION**	
… …	**Substitute CHD1820 and CHD1820L with:**	

Course	Title	SEM HRS
CHD2110	Infant/Toddler Development	4.00

… …	**SCHOOL AGE SPECIALIZATION**		
… …	**Substitute CHD1820 and CHD1820L with:**		
		SEM HRS	
CHD2236	Introduction to School-Age Child Care	3.00	

… …	**Substitute CHD2320 with:**		
		SEM HRS	
CHD2382	Planning Curriculum for School-Age Care Programs	3.00	

… …[1]	**CHILD DEVELOPMENT ASSOCIATE (CDA) CREDENTIAL**		
		SEM HRS	
CHD1220	Child Growth and Development	3.00	
CHD2320	Curriculum Planning for Early Childhood	3.00	
CHD2930	Special Topics in Early Childhood	1.00	
EEC2401	Home, School and Community	2.00	

… …[1]	**FLORIDA DIRECTOR'S CREDENTIAL**		
		SEM HRS	
CHD2801	Child Development Management	3.00	
EEC2523	Leadership and Management of Child Care Programs	3.00	
EEC2527	Child Care Center Financial and Legal Issues	3.00	

Notes

1. This certification only requires these courses. Students have the option of registering under Program Code 2144 for this Certification. See assistant chair for further information.

Electrical Apprentice - Non-Union

Program Information

Apprenticeship - Code 1071 - Catalog 2009/2010

Billy Wiggins, Adjunct Faculty, 386-255-0742, bwseconomy@bellsouth.net

Patricia Dyke, Coordinator, 386-506-3182, dykep@daytonastate.edu

NgocLang Root, Sr. Staff Assist, 386-506-3964, rootl@daytonastate.edu

Program Description

The Mid-Florida Electrical Non-union Apprenticeship, GNJ Program is a state subsidized, four-year program. Apprentices in the electrical construction trade will be taught principles of electricity and magnetism, wiring, installation methods, community first aid, safety issues, electric motor theory and control. Apprentices receive extensive classroom and on-the-job training (OJT).

In most cases, a great deal of financial resources and energy are required to prepare for your career, but in a registered apprenticeship program, you are paid a progressively increased wage while you learn the occupation. The curriculum provides knowledge and skills training in all aspects of electrical construction work in the residential, commercial, and industrial markets. Apprentices are required to work a total of 8,000 hours of OJT and 792 class hours for successful completion of the program. Classes are held at The Advanced Technology Center, 1770 Technology Boulevard, Daytona Beach, FL 32124 and OJT is scheduled at various places of employment.

Note: The length of this program makes it ineligible for federal and state financial aid.

Additional Admission Requirements

THE ENTRY QUALIFICATIONS SHALL INCLUDE:

1. Potential apprentices must be 18 years of age or older at the time the application is completed at Mid-Florida Non-union Electrical Apprenticeship, GNJ, 2407 Bellevue Avenue Extension, Daytona Beach, FL 32114. Billy Wiggins, Sr. 386-255-0742, bwseconomy@bellsouth.net or midflgnj@cfl.rr.com.

2. Mid-Florida Non-union Electrical Apprenticeship and Training Committee must select first-year apprentices, before beginning the program. There web site is www.midfl-electricalgnj.com .

3. High school diploma or GED equivalency is required for admission into the program.

4. Valid driver's license.

5. Physically able to perform duties of trade.

6. Take a drug test prior to employment.

DAYTONA STATE COLLEGE ADMISSIONS REQUIREMENTS:

1. Students who have been selected by the committee must be admitted to Daytona State College by completing the Daytona State College Application for Admissions. The College does charge a one-time, non-refundable assessment fee to all students, at the time of initial enrollment.

2. Students will be registered for apprenticeship classes and on-the-job training through the appropriate apprenticeship committee.

Careers

General foremen, project managers, estimators, safety specialists, training director or instructor, construction, electronics, journeyman electrician

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title
	VOC
	HRS

BCA0350	Electrical Apprentice I (Non-Union)	3.30	*Conc-Reqs: BCA0350L*
BCA0350L	Electrical Apprentice I Lab-OJT (Non-Union)	22.66	*Conc-Reqs: BCA0350*
BCA0351	Electrical Apprentice 2 (Non-Union)	3.30	*Conc-Reqs: BCA0351L*
BCA0351L	Electrical Apprentice 2 Lab-OJT (Non-Union)	22.66	*Conc-Reqs: BCA0351*
BCA0352L	Electrical Apprentice 3 Lab-OJT (Non-Union)	21.33	
BCA0353	Electrical Apprentice 4 (Non-Union)	3.30	*Conc-Reqs: BCA0353L*
BCA0353L	Electrical Apprentice 4 Lab-OJT (Non-Union)	22.66	*Conc-Reqs: BCA0353*
BCA0354	Electrical Apprentice 5 (Non-Union)	3.30	*Conc-Reqs: BCA0354L*
BCA0354L	Electrical Apprentice 5 Lab-OJT (Non-Union)	22.66	*Conc-Reqs: BCA0354*
BCA0355L	Electrical Apprentice 6 Lab-OJT (Non-Union)	21.33	
BCA0356	Electrical Apprentice 7 (Non-Union)	3.30	*Conc-Reqs: BCA0356L*
BCA0356L	Electrical Apprentice 7 Lab-OJT (Non-Union)	22.66	*Conc-Reqs: BCA0356*
BCA0357	Electrical Apprentice 8 (Non-Union)	3.30	*Conc-Reqs: BCA0357L*
BCA0357L	Electrical Apprentice 8 Lab-OJT (Non-Union)	22.66	*Conc-Reqs: BCA0357*
BCA0340L	Electrical Apprentice 9 Lab-OJT (Non-Union)	21.33	
BCA0341	Electrical Apprentice 10 (Non-Union)	3.30	*Conc-Reqs: BCA0341L*
BCA0341L	Electrical Apprentice 10 Lab-OJT (Non-Union)	22.66	*Conc-Reqs: BCA0341*
BCA0342	Electrical Apprentice 11 (Non-Union)	3.30	*Conc-Reqs: BCA0342L*
BCA0342L	Electrical Apprentice II Lab-OJT (Non-Union)	22.66	*Conc-Reqs: BCA0342*
BCA0343L	Electrical Apprentice 12 Lab-OJT (Non-Union)	21.33	
TOTAL	**LECTURE VOC. HRS.**	**26.40**	
TOTAL	**LECTURE CONTACT HRS.**	**793.00**	
TOTAL	**OJT VOC. HRS.**	**266.66**	
TOTAL	**OJT CONTACT HRS.**	**8000.00**	

Notes

If you are interested in applying for this program, please contact Mid-Florida Non-union Apprenticeship, GNJ, Billy Wiggins, Senior at 386-255-0742. Other contact information:

Billy Wiggins, Sr., Program Manager/Director

Mid-Florida Non-union Electrical

2407 Bellevue Avenue Extension

Daytona Beach, FL 32114

Phone: (386) 255-0742

E-mail: bwseconomy@bellsouth.net and midflgnj@cfl.rr.com

Electrical Apprentice - Union

Program Description

The Daytona Beach Electrical Union Apprenticeship, JATC Program (Don Morgan Electrical Academy) is a state subsidized, four-year program. A journeyman of the electrical construction trade would be expected to be capable of planning and initiating projects. A graduate can become a manager, dispatcher, estimator, safety specialist, marketing manager, business manager, training director, instructor and many more! Apprentices receive extensive classroom and on-the-job training (OJT).

In most cases, a great deal of financial resources and energy are required to prepare for your career, but in a registered apprenticeship program, you are paid a progressively increased wage while you learn the occupation.

The curriculum provides knowledge and skills training in all aspects of electrical construction work in the residential, commercial, and industrial markets. Apprentices are required to work a total of 8,000 hours of OJT and 990 class hours for successful completion of the program. Classes are held at The Advanced Technology Center, 1770 Technology Boulevard, Daytona Beach, FL 32124 and OJT is scheduled at various places of employment.

Note: The length of this program makes it ineligible for federal and state financial aid.

Additional Admission Requirements

THE ENTRY QUALIFICATIONS SHALL INCLUDE:

1. Potential apprentices must be 18 years of age or older at the time the application is completed at Don Morgan Electrical Academy (Electrical Union Apprenticeship, JATC) office, 790 Commonwealth Boulevard, Port Orange, FL 32127

2. Don Morgan Electrical Academy (Electrical Union Apprenticeship, JATC) Committee must select first-year apprentices, before beginning the program.

3. High school diploma or GED equivalency is required for admission into the program. To be determined by Committee.

4. High school transcripts required. GED grades report required when applicable.

5. Valid driver's license.

6. Physically able to perform duties of trade.

7. One credit of high school algebra.

8. Take the industry's validated aptitude test.

9. Take a drug test prior to employment.

DAYTONA STATE COLLEGE ADMISSIONS REQUIREMENTS:

1. Students who have been selected by the committee must be admitted to Daytona State College by completing the Daytona State College Application for Admissions. The College does charge a one-time, non-refundable assessment fee to all students, at the time of initial enrollment.

2. Students will be registered for apprenticeship classes and on-the-job training through the appropriate apprenticeship committee.

Careers

General foremen, project managers, estimators, safety specialist, training director or instructor, construction, electronics, journeyman electrician

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	VOC HRS
BCA0330	Electrical Academy Union Apprentice I	3.30
BCA0330L	Electrical Academy Union Apprentice I Lab-OJT	22.66
BCA0331	Electrical Academy Union Apprentice 2	3.30
BCA0331L	Electrical Academy Union Apprentice 2 Lab-OJT	22.66
BCA0332L	Electrical Academy Union Apprentice 3 Lab-OJT	21.33
BCA0333	Electrical Academy Union Apprentice 4	3.30
BCA0333L	Electrical Academy Union Apprentice 4 Lab-OJT	22.66
BCA0334	Electrical Academy Union Apprentice 5	3.30
BCA0334L	Electrical Academy Union Apprentice 5 Lab-OJT	22.66
BCA0335L	Electrical Academy Union Apprentice 6 Lab-OJT	21.33
BCA0336	Electrical Academy Union Apprentice 7	3.30
BCA0336L	Electrical Academy Union Apprentice 7 Lab-OJT	22.66
BCA0337	Electrical Academy Union Apprentice 8	3.30
BCA0337L	Electrical Academy Union Apprentice 8 Lab-OJT	22.66
BCA0338	Electrical Academy Union Apprentice 9	3.30
BCA0338L	Electrical Academy Union Apprentice 9 Lab-OJT	21.33
BCA0339	Electrical Academy Union Apprentice 10	3.30
BCA0339L	Electrical Academy Union Apprentice 10 Lab-OJT	22.66
BCA0390	Electrical Academy Union Apprentice 11	3.30
BCA0390L	Electrical Academy Union Apprentice 11 Lab-OJT	22.66
BCA0391	Electrical Academy Union Apprentice 12	3.30
BCA0391L	Electrical Academy Union Apprentice 12 Lab-OJT	21.33
TOTAL	**LECTURE VOC. HRS.**	**33.00**
TOTAL	**LECTURE CONTACT HRS.**	**990.00**
TOTAL	**OJT VOC. HRS.**	**266.66**
TOTAL	**OJT CONTACT HRS.**	**8000.00**

Notes

If you are interest in applying to Electrical Union Apprenticeship, JATC Program (Don Morgan Electrical Academy), please contact Don Morgan Electrical Academy, Carl Scott Jarvis at 386-322-6236. His e-mail is scottdbjatc@aol.com and their Website is www.electricalcareer.net.

Scott Jarvis, Program Manager/Director

Don Morgan Electrical Academy

790 Commonwealth Boulevard

Port Orange, FL 32127

Electronics Engineering Technology

Program Information

A.S. Degree - Code 2003 - Catalog 2009/2010

Anindya Paul, Chair, School of Computer Scien, 386-506-3324, paula@daytonastate.edu

Lawrence Pivec, Assistant Chair,

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

Program Description

The Electronics Engineering Technology program offers opportunities for students desiring to learn about the field of electronics in such areas as analog and digital circuits, computers, instrumentation, communications, microprocessor and fiber optics systems.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Consult assistant chair for approximate costs of textbooks, lab fees and project fees. A scientific calculator is required first semester. Electronics Assembly project cost is $187.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
MAC1114	College Trigonometry	3.00	*Pre-Reqs: MAC1105 OR MAC1104*
PHY1053	General Physics I	3.00	*Co-Reqs: ENC1101* *Pre-Reqs: MAC1114 OR MTB1348* *Conc-Reqs: PHY1053L*
PHY1053L	General Physics I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: PHY1053*
PHY1054 *1*	General Physics II	3.00	*Pre-Reqs: PHY1053C OR PHY1053* *Conc-Reqs: PHY1054L*
PHY1054L	General Physics II Lab **OR**	1.00	*Pre-Reqs: PHY1053C OR PHY1053* *Conc-Reqs: PHY1054*
EET2949	Cooperative Education Experience in Electronics	4.00	

… … **Behavioral & Human Sciences Core-CHOOSE ONE:**

Course	Title	SEM HRS	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… … **Humanities, Cultural & Aesthetics Core-CHOOSE ONE**

SEM HRS

AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CGS2100	Microcomputer Applications	3.00	
CET2123	Microcomputer and Basic Digital Communications	3.00	*Pre-Reqs: CET1112 AND CET1112L AND EET1141L AND EET1141* *Conc-Reqs: CET2123L*
CET2123L	Microcomputer and Basic Digital Communications Lab	1.00	*Conc-Reqs: CET2123*
COP2220	Computer Programming "C"	3.00	*Pre-Reqs: COP1000 OR MAC1105*
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024* *Conc-Reqs: EET1011L*
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021* *Pre-Reqs: EET1011 AND EET1011L* *Conc-Reqs: EET1141L*
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
EET2142	Analog Circuits and Basic Analog Communications	3.00	*Pre-Reqs: EET1141L AND EET1141*
EET2142L	Analog Circuits and Basic Analog Communications Lab	1.00	*Conc-Reqs: EET2142*
EET2326	Wireless Communications	3.00	*Pre-Reqs: EET2142L AND EET2142* *Conc-Reqs: EET2326L*
EET2326L	Wireless Communications Lab	1.00	*Conc-Reqs: EET2326*
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105* *Pre-Reqs: EET1011L AND EET1011* *Conc-Reqs: EET1021L*
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*

… …	**Technical Elective-CHOOSE ONE from the list below**	4.00	

Course	Title	SEM HRS	
BOT1010	General Botany	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BOT1010L*
BOT1010L	General Botany Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BOT1010*
MCB1010	Microbiology	3.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010L*
MCB1010L	Microbiology Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010*
OCB2000	Introduction to Marine Biology	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR*

MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: OCB2000L

OCB2000L	Introduction to Marine Biology Lab	1.00	*Conc-Reqs: OCB2000*

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**		
		SEM HRS	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
CGS2100	Microcomputer Applications	3.00	
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024*
			Conc-Reqs: EET1011L
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*

… …	**2nd Semester**		
		SEM HRS	
MAC1114	College Trigonometry	3.00	*Pre-Reqs: MAC1105 OR MAC1104*
ENC1101	College Composition	3.00	
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105*
			Pre-Reqs: EET1011L AND EET1011
			Conc-Reqs: EET1021L
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
… …	**Technical Elective**	4.00	

… …	**Second Year**		
… …	**3rd Semester**		
		SEM HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
PHY1053	General Physics I	3.00	*Co-Reqs: ENC1101*
			Pre-Reqs: MAC1114 OR MTB1348
			Conc-Reqs: PHY1053L
PHY1053L	General Physics I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: PHY1053*
CET2123	Microcomputer and Basic Digital Communications	3.00	*Pre-Reqs: CET1112 AND CET1112L AND EET1141L AND EET1141*
			Conc-Reqs: CET2123L
CET2123L	Microcomputer and Basic Digital Communications Lab	1.00	*Conc-Reqs: CET2123*
EET2142	Analog Circuits and Basic Analog Communications	3.00	*Pre-Reqs: EET1141L AND EET1141*
EET2142L	Analog Circuits and Basic Analog Communications Lab	1.00	*Conc-Reqs: EET2142*
COP2220	Computer Programming "C"	3.00	*Pre-Reqs: COP1000 OR MAC1105*

… …	**4th Semester**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**Behavioral & Human Sciences Core**	3.00	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	

EET2326	Wireless Communications	3.00	*Pre-Reqs: EET2142L AND EET2142*
			Conc-Reqs: EET2326L
EET2326L	Wireless Communications Lab	1.00	*Conc-Reqs: EET2326*
PHY1054 *2*	General Physics II	3.00	*Pre-Reqs: PHY1053C OR PHY1053*
			Conc-Reqs: PHY1054L
PHY1054L	General Physics II Lab **OR**	1.00	*Pre-Reqs: PHY1053C OR PHY1053*
			Conc-Reqs: PHY1054
EET2949	Cooperative Education Experience in Electronics	4.00	
TOTAL	…	**68.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. Required for transfer students.

Emergency Medical Services (Limited Access Program)

Program Information

A.A.S. Degree - Code 3506 - Catalog 2009/2010

Patricia Maher, Assistant Chair of EMS, 386-506-3714

Elizabeth Rafferty, Senior Staff Assistant, 386-506-3249, daltone@daytonastate.edu

Program Description

Program Description The program prepares the student for state certification as an Emergency Medical Technician and Paramedic. The Paramedic delivers pre-hospital life support care and transportation necessary for accident and emergency illness victims. Instruction covers IV therapy, advanced cardiac life support, advanced care skills for patients in shock, telemetry and communications. Graduates are qualified to work as basic EMTs or advanced care paramedics on ambulances, in hospital emergency rooms, intensive care units and emergency helicopter transport agencies, and they may also qualify for management positions. Credits earned in the EMT and Paramedic certificate programs will be counted toward completion of this degree. Completers of this degree program are eligible for state certification as an EMT and subsequently for state certification as a paramedic. Please Note: This program is eligible for federal and state financial aid.

Approximate Additional Costs

Graduation Fee $ 25.00

Additional Admission Requirements

Acceptable score on the TABE or CPT examinations.

Attendance at EMS Department Orientation Session, Session dates are announced by the EMS Department.

Submit completed application to the EMS Department prior to the designated deadline.

Completion of heallth screening to include: recent physical examination; verfication of immunization against tetnus, measles, mumps rubella and Hepattis "B" and negative test for tuberculosis.

Satisfactory results of a Florida Department of Law Enforcement background check.

If there are more qualified applified applicants than space allows, students will be admitted on the basis of date and time completed applications were received by the EMS Department.

Students will be held accountable for the policy and procedures of the EMS Program as outlines in the EMS student policy handbook.

Program corequsites must be completed successfully prior to enrolling in subsequent paramedic program sections.

Careers

Paramedic/EMT Graduates have been employed at the local public safety agencies, theme parks and local hospitals.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
ENC2210 *1* Report Writing		3.00	*Pre-Reqs: ENC1101*
MAT1033 *1* Intermediate Algebra		4.00	*Pre-Reqs: MAT0024*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
… …	**HUMANITIES, CULTURAL & AESTHETIC CORE - CHOOSE ONE**		
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*

ENL2022	Nineteenth Century English Literature	3.00	*Pre-Reqs: ENC1101*
ENL2280	Contemporary English Literature	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
EMS1119	Emergency Medical Technician I	7.00	*Co-Reqs: EMS1401L AND EMS1431*
EMS1401L	Emergency Medical Technician I Lab	2.00	*Co-Reqs: EMS1119 AND EMS1431*
EMS1431	Emergency Medical Technician Clinical/Field Experience	2.00	*Co-Reqs: EMS1401L AND EMS1119 Conc-Reqs: EMS1431L*
EMS2603	Paramedic I	9.00	*Co-Reqs: EMS2666 Conc-Reqs: EMS2603L*
EMS2603L	Paramedic I Lab	4.00	*Co-Reqs: EMS2666 Conc-Reqs: EMS2603*
EMS2666	Paramedic Clinical I	1.00	*Co-Reqs: EMS2603 AND EMS2603L*
EMS2604	Paramedic II	9.00	*Co-Reqs: EMS2667* *Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603* *Conc-Reqs: EMS2604L*
EMS2604L	Paramedic II Lab	3.00	*Co-Reqs: EMS2667* *Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603* *Conc-Reqs: EMS2604*
EMS2667	Paramedic Clinical II	2.00	*Co-Reqs: EMS2604L AND EMS2604* *Pre-Reqs: EMS2603 AND EMS2603L*
EMS2605	Paramedic III	8.00	*Co-Reqs: EMS2659 AND EMS2668* *Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667* *Conc-Reqs: EMS2605L*
EMS2605L	Paramedic III Lab	3.00	*Co-Reqs: EMS2659 AND EMS2668* *Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667* *Conc-Reqs: EMS2605*
EMS2659	Paramedic Field Internship	3.00	*Co-Reqs: EMS2605L AND EMS2605* *Pre-Reqs: EMS2667 AND EMS2604L AND EMS2604*
HSC1531	Medical Terminology	4.00	

Sample Program of Study

Course	Title		
… …	**First Year/Ist Semester**	SEM HRS	
ENC1101	College Composition	3.00	
EMS1119	Emergency Medical Technician I	7.00	*Co-Reqs: EMS1401L AND EMS1431*
EMS1401L	Emergency Medical Technician I Lab	2.00	*Co-Reqs: EMS1119 AND EMS1431*
EMS1431	Emergency Medical Technician Clinical/Field Experience	2.00	*Co-Reqs: EMS1401L AND EMS1119 Conc-Reqs: EMS1431L*
… …	**2nd Semester**	SEM HRS	
ENC1102	Literature and Composition **OR**	3.00	*Pre-Reqs: ENC1101*
ENC2210	Report Writing	3.00	*Pre-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*

HSC1531	Medical Terminology	3.00	

… …   3rd Semester

		SEM HRS	
EMS2603	Paramedic I	9.00	*Co-Reqs: EMS2666 Conc-Reqs: EMS2603L*
EMS2603L	Paramedic I Lab	4.00	*Co-Reqs: EMS2666 Conc-Reqs: EMS2603*
EMS2666	Paramedic Clinical I	1.00	*Co-Reqs: EMS2603 AND EMS2603L*

… …   Second Year/1st Semester

		SEM HRS	
EMS2604	Paramedic II	9.00	*Co-Reqs: EMS2667*
			Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603
			Conc-Reqs: EMS2604L
EMS2604L	Paramedic II Lab	3.00	*Co-Reqs: EMS2667*
			Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603
			Conc-Reqs: EMS2604
EMS2667	Paramedic Clinical II	3.00	*Co-Reqs: EMS2604L AND EMS2604*
			Pre-Reqs: EMS2603 AND EMS2603L

… …   2nd Semester

		SEM HRS	
EMS2605	Paramedic III	8.00	*Co-Reqs: EMS2659 AND EMS2668*
			Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667
			Conc-Reqs: EMS2605L
EMS2605L	Paramedic III Lab	3.00	*Co-Reqs: EMS2659 AND EMS2668*
			Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667
			Conc-Reqs: EMS2605
EMS2659	Paramedic Field Internship	3.00	*Co-Reqs: EMS2605L AND EMS2605*
			Pre-Reqs: EMS2667 AND EMS2604L AND EMS2604
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
TOTAL	**…**	**73.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

Please contact Patricia Maher 386-506-3714 regarding transfer credits from other schools, and life time learning credit.

1 ENC 2210 and MAT 1033 fulfills general education requirements for AAS degree programs only.

Emergency Medical Technician (Limited Access Program)

Program Information

Applied Tech. Diploma - Code 0960 - Catalog 2009/2010

Patricia Maher, Director, 386-506-3714

Elizabeth Rafferty, Senior Staff Assistant, 386-506-3249, daltone@daytonastate.edu

Program Description

The program teaches students the basic skills and techniques of pre-hospital emergency medical care. The course emphasizes developing skills in recognizing the symptoms of illness and injuries, and the application and proper procedures essential in delivering basic life support to the sick and injured. The program is designed to prepare students for state certification in emergency care; however, it also is open for students who wish to take it for personal development. Training includes 60 hours of clinical experience with pre-hospital care agencies and a hospital emergency room. Graduates are qualified to work as basic care providers in emergency medical systems, hospitals, and industrial medicine. Job title: Emergency Medical Technician.

This certificate serves as a prerequisite to the Paramedic certificate program. Credits earned in this program may be counted in the Emergency Medical Services degree.

Please Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Lab Fees - Approximately $125.00

Textbooks/ Equipment- $175.00

Uniforms-$200.00

FDLE Background Check -$ 24.00

State Application -$ 75.00

The approximate cost for the whole program with tuition, books and uniforms would be about $ 1500.00

Additional Admission Requirements

All students must obtain an application from the EMS Program at the Daytona Campus Building 320-022, application must be completed and submitted to the EMS Program prior to the stated deadline.

Acceptable score on the TABE or CPT examinations.

Attendance at the EMS Orientation Session is Mandatory - Date and time will be announced by the EMS Program.

Careers

EMT Graduates have been employed at the local public safety agencies, theme park and local hospital.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
EMS1119	Emergency Medical Technician I	7.00	*Co-Reqs: EMS1401L AND EMS1431*
EMS1401L	Emergency Medical Technician I Lab	2.00	*Co-Reqs: EMS1119 AND EMS1431*
EMS1431	Emergency Medical Technician Clinical/Field Experience	2.00	*Co-Reqs: EMS1401L AND EMS1119 Conc-Reqs: EMS1431L*

Sample Program of Study

Course	Title	SEM HRS	
EMS1119 *1*	Emergency Medical Technician I	7.00	*Co-Reqs: EMS1401L AND EMS1431*
EMS1401L *1*	Emergency Medical Technician I Lab	2.00	*Co-Reqs: EMS1119 AND EMS1431*
EMS1431 *1*	Emergency Medical Technician Clinical/Field Experience	2.00	*Co-Reqs: EMS1401L AND EMS1119 Conc-Reqs: EMS1431L*
TOTAL	…	**11.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

Please contact Beth Dalton 386-506-3249 or email her at daltone@daytonastate.edu if you have any questions about Emergency Medical Technician.

1 Courses must be taken together in the same semester.

Fire Apparatus Operator (Limited Access Program)

Program Information

Vocational Certificate - Code 1057 - Catalog 2009/2010

Louie Mercer, Director, 386-506-3171, mercerlo@daytonastate.edu

Teresa Campbell, Senior Staff Assistant, 386-506-3693, campbet@daytonastate.edu

04/01/2009 M - 32.

Program Description

This program prepares firefighters to become fire department apparatus driver/operators and/or pump operators. Students will learn fundamental driving techniques, laws regarding operation of emergency vehicles, apparatus and pump design, maintenance and testing, pump theory, pump procedures, and basic hydraulics. Students will demonstrate this knowledge through hands-on exercises. Students successfully completing this program may apply to take a state examination to obtain a state pump operator certificate. Job Titles: Fire Apparatus Operator, Driver/Engineer.

The Fire Apparatus Operator program is certified through the Florida State Fire College.

Note: A continuing education course is available for firefighters who have successfully completed the Fire Apparatus Operator option and who require additional training in Aerial Apparatus Operations. Students should contact the Fire Science Department for additional information on this course.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Lab fee - $25.00

Additional Admission Requirements

Must apply for admission to Daytona State College.

Must have a current valid Class "D" Florida driver's license with an "E" endorsement.

Must be able to operate vehicles with a standard transmission.

Must have completed a state-approved Firefighter I program (as a minimum) or possess a valid Florida Firefighter Certificate of Compliance.

Must register for the course and pay the tuition and lab fees.

Must purchase textbooks and a calculator with a square root function key.

Must follow the rules and regulations as outlined in the college Student Handbook.

Program Specific Courses

Course	Title	SEM HRS
FFP0361	Hydraulics and Water Distribution Systems	1.33
FFP0360	Fire Apparatus Operations	1.34

Sample Program of Study

Course	Title	VOC HRS
… …	**Prerequisite Course**	
FFP0010	Firefighter I	7.50
… …	**1st Semester**	

FFP0361	Hydraulics and Water Distribution Systems	1.33
FFP0360	Fire Apparatus Operations	1.34
TOTAL	VOC. HRS.	**10.17**
TOTAL	CONTACT HRS.	**305.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

FFP 0360 is a corequisite to FFP 0361. Both courses must be taken together (Hydraulics first, followed by Fire Apparatus Operations) in order to successfully complete the Fire Apparatus Operator option and to apply for the state certification examination.

Fire Fighter II (Limited Access Program)

Program Information

Vocational Certificate - Code 1056 - Catalog 2009/2010

Louie Mercer, Director, 386-506-3171, mercerlo@daytonastate.edu

Teresa Campbell, Senior Staff Assistant, 386-506-3693, campbet@daytonastate.edu

Program Description

This program prepares students with the fundamental knowledge and skills necessary to safely and dependably perform fire-rescue duties during emergency and non-emergency response situations. Students learn the tasks, duties, and responsibilities of a firefighter in accordance with NFPA Standard 1001 and Florida State Statute 633. This program is a contiguous program, in which Firefighter I and Firefighter II are offered in a series. Studens desiring to obtain a State of Florida Certificate of Compliance (Firefighter II) must successfully complete the series (450 contiguous hours). They may then participate in the written and practical examinations administered by the state. This certification is required for employment as a firefighter. Job titles: Volunteer Firefighter, Career Firefighter.

The Fire Fighter II program is certified through the Florida State Fire College.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Lab fee - $275.00 per course

Uniforms, books, and supplies - $300.00

Personal Protective Equipment/bunker gear rental - $650.00

Physical examination - $100.00

State fingerprint fee - $90.00

Daytona State College graduation fee - $10.00

Additional Admission Requirements

Must apply for admission to Daytona State College.

Must take TABE - students need one attempt of test (minimum of 8 in each of the three sections) to enter the course and must have 10 in each catagory before completion of the course.

Must complete fire academy application - available in Fire Science Department office in June for Fall class and in October for Spring class.

Must have physical examination - includes 12-lead EKG and vision/hearing screening.

Must be 18 years of age before completion of the course.

Must have a standard high school diploma or a GED.

Must not currently be on probation.

Must have no felony convictions.

Must successfully complete a state mandated criminal background check.

Must complete a physical skills assessment (Agility Test) prior to acceptance into the course.

Must complete the Fire Academy Orientation.

Must order classroom uniforms.

Must rent firefighter bunker gear.

Must purchase textbooks and classroom supplies/materials.

Must register for the course and pay tuition and lab fees.

Must follow the rules and regulations outlined in the course Student Handbook, as well as those of the college Student Handbook.

Must not have used tobacco products (cigarettes, snuff, chewing tobacco, etc.) for one year prior to employment at a fire service agency.

Program Specific Courses

Course	Title

		VOC	
		HRS	
FFP0010	Firefighter I	7.50	
FFP0020	Firefighter II	7.50	Pre-Reqs: FFP0010

Sample Program of Study

Course	Title		
		VOC	
		HRS	
FFP0010	Firefighter I	7.50	
FFP0020	Firefighter II	7.50	Pre-Reqs: FFP0010

TOTAL	VOC HRS.	**15.00**
TOTAL	CONTACT HRS.	**450.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Fire Science Technology

Program Information

A.S. Degree - Code 2056 - Catalog 2009/2010

Louie Mercer, Director, 386-506-3171, mercerlo@daytonastate.edu

Teresa Campbell, Senior Staff Assistant, 386-506-3693, campbet@daytonastate.edu

Program Description

This program is designated for students employed or those who desire employment in the fire service. Students take a balance of general education and fire science courses covering fire service organization, strategy and tactics, fire codes, and alarm and extinguishing systems. As certain classes are completed, students may apply to take state certification exams which may lead to advancement within the fire service.

The Fire Science Technology program is certified through the Florida State Fire College.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
CHM1025	Introductory to Chemistry	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107 Conc-Reqs: CHM1025L*
CHM1025L	Introduction to Chemistry Lab	1.00	*Conc-Reqs: CHM1025*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core -CHOOSE ONE**		
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2280	Contemporary English Literature	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
ENL2022	Nineteenth Century English Literature	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title

Fire Science Technology

Program Information

A.A.S. Degree - Code 3507 - Catalog 2009/2010

Louie Mercer, Director, 386-506-3171, mercerlo@daytonastate.edu

Teresa Campbell, Senior Staff Assistant, 386-506-3693, campbet@daytonastate.edu

Program Description

This program is designated for students employed or those who desire employment in the fire service. Students take a balance of general education and fire science courses covering fire service organization, strategy and tactics, fire codes, and alarm and extinguishing systems. As certain classes are completed, students may apply to take state certification exams which my lead to advancement within the fire service.

The Fire Science Technology program is certified through the Florida State Fire College.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees - $5.00 for FFP1000, FFP1510, FFP1520, FFP1700, FFP1810, $3.00 for FFP1799

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAT1033 *1*	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
CGS2100 *2*	Microcomputer Applications	3.00	
CHM1025	Introductory to Chemistry	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107 Conc-Reqs: CHM1025L*
CHM1025L	Introduction to Chemistry Lab	1.00	*Conc-Reqs: CHM1025*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core -CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2280	Contemporary English Literature	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
ENL2022	Nineteenth Century English Literature	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title		
		SEM	
		HRS	
FFP1510	Construction Codes and Material Rating	3.00	
FFP1520	Fire Prevention Programs	3.00	
FFP1799	Time Management for Fire Service	1.00	
FFP1810	Firefighting Strategy and Tactics I	3.00	
FFP2120	Building Construction	3.00	
FFP2540	Private Fire Protection Systems	3.00	
FFP2720	Fire Department Leadership	3.00	
FFP2740	Fire Service Instructor	3.00	
FFP2811	Firefighting Strategy and Tactics II	3.00	
… …	**Fire Science Elective**	3.00	
… …	**Fire Science Elective**	3.00	
… …	**Fire Science Elective**	3.00	
… …	**Fire Science Elective**	3.00	

	Electives - Choose Four:		
		SEM	
		HRS	
EMS1119	Emergency Medical Technician I	7.00	*Co-Reqs: EMS1401L AND EMS1431*
FFP1000	Introduction to Fire Protection Hazards	3.00	
FFP1700	Management of Municipal Fire Protection	3.00	
FFP2401	Hazardous Materials I	3.00	
FFP2402	Hazardous Materials II	3.00	*Pre-Reqs: FFP2401*
FFP2521	Blueprint Reading and Plans Evaluation	3.00	
FFP2604	Fire Detection and Investigation	3.00	
FFP2741	Fire Service Course Design	3.00	
FFP2949	Cooperative Education Experience in Fire Science	1.00	
PAD2002	Introduction to Public Service Principles	6.00	

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**		
		SEM	
		HRS	
ENC1101	College Composition	3.00	
MAT1033 *1*	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
FFP1510	Construction Codes and Material Rating	3.00	
FFP1810	Firefighting Strategy and Tactics I	3.00	
FFP2811	Firefighting Strategy and Tactics II	3.00	

	2nd Semester		
		SEM	
		HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
CGS2100 *2*	Microcomputer Applications	3.00	
FFP1520	Fire Prevention Programs	3.00	
FFP2120	Building Construction	3.00	

	Second Year		
… …	**1st Semester**		
		SEM	
		HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
CHM1025	Introductory to Chemistry	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR*

			MAC2313 OR STA2023 OR MGF2106 OR MGF2107 Conc-Reqs:
			CHM1025L
CHM1025L	Introduction to Chemistry Lab	1.00	*Conc-Reqs: CHM1025*
FFP2720	Fire Department Leadership	3.00	
… …	**Fire Science Elective**	3.00	
… …	**Fire Science Elective**	3.00	

… …	**2nd Semester**	
		SEM
		HRS
FFP1799	Time Management for Fire Service	1.00
FFP2540	Private Fire Protection Systems	3.00
FFP2740	Fire Service Instructor	3.00
… …	**Fire Science Elective**	3.00
… …	**Fire Science Elective**	3.00

TOTAL	…	**60.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1 MAT1033 fulfills general education requirements for AAS degree programs only.

2 CGS2100 fulfills general education requirements for AAS degree programs only.

College Catalog - General Education Requirements for Associate of Arts Degree

You are required to complete 60 hours of transferable college level credit to receive an AA degree. Florida State Board of Education Administrative Rule 6A-10.024 (3a) requires 36 semester hours of general education courses, excluding college prep courses. The remaining 24 credit hours are elective credits. Graduates must also meet the requirements of the Gordon Rule, a state mandated foreign language requirement, and demonstrate the level of attainment of college-level skills (CLAS) in communication and computation as listed in Rule 6A-10.0316. This is also known as the CLAS requirement. You also must meet the Daytona State College residency requirements and have a cumulative 2.0 GPA and a Daytona State 2.0 GPA. (See Graduation Requirements and Procedures.)

Foreign Language Requirements

Completion of two years of the same foreign language in high school or eight college semester credits of the same foreign language or in American Sign at the level of ASL 2140/2140L or above. Foreign and sign language courses satisfy elective credits toward the AA degree.

Attainment of College-Level Academic Skills (CLAS Requirement)

Students are considered to have demonstrated the attainment of college-level academic skills in communication and computation prior to or after the completion of required courses as stated in Rule 6A-10.0316 as follows:

a) **College-Level Communication:** Earn a 2.5 grade point average in two (2) courses for a minimum of six (6) semester hours of credit from: ENC 1101, ENC 1102 or equivalent college level English course (course prefixes AML, ENC, ENG, ENL, CRW and LIT); or have a CPT score of 93 on the Reading and 105 on the Writing; a SAT score of 500 on the verbal or an ACT score of 22 on the reading and 21 on the English. (Exemption via waiver for students with a prior documented specific learning disability is possible.)

b) **College-Level Computation:** Earn a 2.5 grade point average in two (2) courses for a minimum of six (6) semester hours of credit from: MAC 1105 or any other MAC course with the last three digits higher than 105; MGF 2106, 2107, or STA 2023; or have a CPT score of 91 on the Elementary Algebra, a SAT score of 500 on the math or an ACT score of 21 on the math. (Exemption via waiver for students with a prior documented specific learning disability is possible.)

Gordon Rule

Florida State Board of Education Rule 6A-10.030, commonly referred to as "The Gordon Rule," requires students to complete six (6) semeste hours of English coursework in which the student is required to demonstrate college-level writing skills through multiple assignments and to complete six (6) semester hours of mathematics coursework at the level of college algebra or higher. Each course used to satisfy this rule mus be completed with a grade of C or higher.

Courses that satisfy the Gordon Rule are part of the General Education Core and are denoted with an *.

Prior to enrollment in college level English or math courses, some students may be required to complete college preparatory course work.

General Education Core

The state mandated 36 hours of general education are distributed in the following areas:

Communications (English)	9 (Credits)
Mathematics	6
Sciences (Biological & Physical)	6
Humanities, Cultural & Aesthetic	3
Behavioral & Social Sciences	3
Health & Wellness	3
Political, Economic & Business	3
Historical & Global	3
TOTAL GENERAL EDUCATION	**36 credits**

Elective Core

The remaining 24 credit hours are elective and must be selected from the list of College Transfer Elective Courses. However, it is recommended that you know the requirements of the senior university you plan to attend and that you work with your faculty advisor or an academic advisor to select electives to fulfill the prerequisites for your major.

TOTAL ELECTIVE CREDITS	**24 credits**

TOTAL CREDIT HOURS FOR THE AA DEGREE   60 credits

GENERAL EDUCATION CORE COURSE SELECTION LISTINGS

36 Total Hours Required

Credit hours for each class are listed in parentheses after the course title.

Courses marked with an * are Gordon Rule courses and require a "C" or better.

COMMUNICATIONS CORE (English)
Nine credit hours required - Must have at least a "C" in all courses. College preparatory courses (which do not fulfill core requirements) may be required.
* ENC 1101 College Composition (3) (Required)
* ENC 1102 Literature and Composition (3) (Required) OR
* ENC 1122 Honors Composition (3) (Required)
* SPC 2608 Oral Communications/Research/Presentation Skills (3) OR
* RTV 2300 Broadcast Research/Newswriting/Presentation Skills (3)

MATHEMATICS CORE
Six credit hours required - Choose two courses. Must have at least a "C" on all mathematics courses. College preparatory or prerequisite courses which do not fulfill core requirements may be required.
* MAC 1105 College Algebra (3)
* MAC 1114 College Trigonometry (3)
* MAC 1140 Pre-Calculus Algebra (3)
* MAC 2233 Calculus for Business and Nonphysical Sciences I (3)
* MAC 2311/2311L Calculus I and Lab (4)
* MAC 2312/2312L Calculus II and Lab (4)
* MAC 2313/2313L Calculus III and Lab (4)
* MAP 2302/ 2302L Differential Equations and Lab (3)
* MGF 2106 College Mathematics (3)
* MGF 2107 Mathematics for Liberal Arts (3)
* STA 2023 Elementary Statistics (3)

SCIENCES CORE
Six credit hours required: three credits from biological sciences and three credits from physical sciences. ALL science courses require ENC 1101 as a prerequisite or corequisite.

Biological Sciences
BOT 1010/1010L General Botany and Lab (4)
BSC 1005 Survey of Biological Science (For Non-Science Majors) (3)
BSC 1010/1010L General Biology I (For Science Majors) and Lab (4)
BSC 1020 Human Biology (3)
BSC 2930 Biological Themes in Film (3)
OCB 2000/2000L Introduction to Marine Biology and Lab (4)
or both
BSC 1085/1085L Human Anatomy & Physiology I and Lab (4)
and
BSC 1086/1086L Human Anatomy & Physiology II and Lab (4)
Students who choose the BSC 1085 /1086 option to fulfill the biological science core requirements can use remaining credits to fulfill elective hours as appropriate. Both courses must be successfully completed to satisfy the biological sciences core requirements.

Physical Sciences
All of the following courses require MAT 1033 or higher as a prerequisite or corequisite.
AST 1002 Astronomy (3)
CHM 1025/1025L Introduction to Chemistry (4)
CHM 1045/1045L General College Chemistry I and Lab (4)
*GLY 2010/2010L Physical Geology and Lab (4)
MET 2010 Meteorology (3)
OCE 1001 Introduction to Oceanography (3)
PHY 1053/1053L General Physics I and Lab (4)
PHY 2048/2048L Physics with Calculus I and Lab (5)
PSC 1121 Physical Science (3)
The requirement of MAT1033 is not applicable to this course.
Note: For those students selecting a four hour science course, three hours are applied to the general education core area and one is applied to the appropriate elective hour.

HUMANITIES, CULTURAL & AESTHETIC CORE

Three credit hours required - Choose one course. Must have at least a "C" in all courses.
The following courses require College Composition (ENC 1101) as a prerequisite.
* AML 2050 Modern American Literature
* AML 2060 Contemporary American Literature
* AML 2600 Introduction to African American Literature
* ENL 2931 Selected Topics in Shakespeare
* LIT 2110 Masterpieces of World Literature I
* LIT 2030 Understanding Poetry
* LIT 2040 Dramatic Literature
* LIT 2120 Masterpieces of World Literature II
* LIT 2380 Literature by Women
* LIT 2602 Literature of the Sea
The following courses require College Composition (ENC 1101) as a prerequisite or corequisite.
* ARH 1000 Art Appreciation (3)
* DAN 1100 Dance Appreciation (3)
* HUM 2210 Prehistory to Medieval Humanities (3)
* HUM 2230 Renaissance to Postmodern Humanities (3)
* MUH 2051 Introduction to the Music of the World's Peoples (3)
* MUL 1010 Music Appreciation (3)
* MUL 2380 Popular Music in America (3)
* THE 1000 Dramatic Appreciation (3)

BEHAVIORAL & HUMAN (SOCIAL) SCIENCES CORE

Three credit hours required - Choose one course. Must have at least a "C" in all courses. All courses require College Composition (ENC 1101 as prerequisite or corequisite. See course descriptions.
* DEP 2004 Developmental Psychology (3)
* PSY 1012 General Psychology (3)
* SYG 2000 Introduction to Sociology (3)

HEALTH & WELLNESS CORE

Three Credit hours required - Choose one course.
* CLP 2001 Psychology of Adjustment (3)
HLP 1081 Fitness Assessment and Improvement (3)
HSC 2400 First Aid, Responding to Emergencies (3)
HUN 1201 Human Nutrition (3)
PET 2084 Personal Health and Wellness (3)
SLS 1122 Dynamics of Student Success (3)
* CLP 2001 requires College Composition (ENC 1101) as a prerequisite or corequisite.

POLITICAL, ECONOMIC & BUSINESS CORE

Three credit hours required - Choose one course. Must have at least a "C" in all courses. All courses require College Composition (ENC 1101 as prerequisite or corequisite. See course descriptions.
* CPO 2001 Comparative Government (3)
* ECO 2013 Principles of Macro Economics (3)
* ECO 2023 Principles of Micro Economics (3)
* GEB 2430 Business Ethics (3)
* INR 2002 International Relations (3)
* ISS 1120 American Political & Economic Issues (3)
* PLA 2880 Constitutional Law (3)
* POS 2112 State and Local Government (3)
* POS 2041 American Federal Government (3)

HISTORICAL & GLOBAL CORE

Three credit hours required - Choose one course. Must have at least a "C" in all courses. All courses require College Composition (ENC 1101 as prerequisite or corequisite. See course descriptions.
* AMH 2010 United States History to 1877 (3)
* AMH 2020 United States History 1865 to Present (3)
* AMH 2042 American Social History 1860 to Present (3)
* AMH 2045 American Maritime History (3)
* AHM 2059 The Vietnam War (3)
* AMH 2091 Survey of African American History (3)
* EUH 2000 History of Western Civilization to 1648 (3)
* EUH 2001 History of Western Civilization 1648 to Present (3)
* GEO 2000 World Geography (3)
* GEO 2420 Cultural Geography (3)
* PHI 2001 Introduction to Philosophy I (3)
* PHI 2600 Introduction to Ethics (3)

* REL 2300 World Religion (3)
* WOH 2012 World History I (3)
* WOH 2022 World History II (3)

Associate of Arts - Transfer Advising Track Codes
0100 Undecided

7150 Liberal Arts

7200 Behavioral and Human Sciences -General
7210 Psychology
7211 Marriage and Family (Relational)
7212 Experimental/Research
7213 Clinical/Counseling
7214 Developmental Psychology
7215 Sociology

7220 Education - Transfer, General
7221 Elementary Education
7222 Exceptional Education
7223 Secondary Math Education
7224 Secondary Biology Education
7227 Secondary Earth/Space Science Education

7300 Economics and Business - General
  Accounting
  Economics
  Finance
  General Business
  Management
  Marketing

7400 Communications - General
7405 Advertising/Public Relations
7410 English
7415 Foreign Languages
7420 Journalism
7425 Television / Radio Broadcasting

7500 Historical, Political and Global - General
7505 Geography
7510 History
7515 International Relations
7520 Political Science
7525 Pre-Law

7600 Humanities & Arts - General
7605 Performing Arts
  Acting/Theatre
  Dance
  Music
7610 Art
  Fine Arts
7615 Philosophy
7620 Photography
7625 Religion

7700 Mathematics and Technology - General
7705 Architecture (Pre-)
7710 Computer Science
7715 Digital Media
  Animation
7720 Engineering
7725 Library and Information Science
7730 Math/Statistics

7800 Public Service - General
7805 Criminal Justice
  Criminology

7810 Legal Studies
7815 Social Work

7900 Science - General
7905 Agriculture
7910 Astronomy
7915 Athletic Training/Sports Medicine
7920 Biology
  Botany
  Marine Biology
  Microbiology
  Zoology
7925 Chemistry
7930 Dietetics/Nutrition
7935 Environmental Science and Public Policy
7940 Forestry and Conservation
7945 Forensic Science
7950 Meteorology
7955 Pre-Bachelors of Science Nursing (BSN)
7960 Pharmacy (Pre-)
7965 Pre-Professional
  Chiropractic (Pre-)
  Dentist (Pre-)
  Medicine (Pre-)
  Physical Therapy (Pre-)
  Veterinarian (Pre-)
7970 Radiology (Pre-)

It is recommended that you know the requirements of the senior university you plan to attend and that you work with your faculty advisor or an academic advisor to select electives to fulfill the prerequisites for your major.

BEHAVIORAL & HUMAN SCIENCES

ANT 2000 Introduction to Anthropology (3)
CLP 2001 Psychology of Adjustment (3)
CLP 2140 Abnormal Psychology (3)
DEP 2001 Infant and Child Psychology (3)
DEP 2004 Developmental Psychology (3)
DEP 2402 Psychology of Adulthood and Aging (3)
DEP 2481 Death and Dying: Life and Living (3)
EXP 2420 Animal Behavior and Training (3)
INP 1390 Human Relations in the Workplace (3)
PCO 2202 Counseling Techniques (3))
PPE 2001 Survey of Personality (3)
PSB 2442 Addictions I - Psychology of Addictions (3)
PSY 1012 General Psychology (3)
PSY 2930 Special Topics in Psychology (3)
SOP 2002 Introduction to Social Psychology (3)
SOP 2772 Psychology of Human Sexuality (3)
SYG 2000 Introduction to Sociology (3)
SYG 2010 Social Problems and Deviance (3)
SYG 2430 The American Family (3)

EDUCATION

EDF 1005 Introduction to the Teaching Profession (3)
EDF 2030 Effective Classroom Management (3)
EDF 2060 History of Education in the USA (3)
EDF 2085 Introduction to Diversity for Education (3)
EDP 2002 Educational Psychology (3)
EEX 2010 Introduction to Exceptional Education (3)
EME 2040 Introduction to Educational Technology (3)
MAE 2801 Elementary School Mathematics (3)

ECONOMIC & BUSINESS

ACG 2022 Principles of Financial Accounting (4)
ACG 2071 Principles of Managerial Accounting (4)
BUL 2241 Business Law I (3)

BUL 2242 Business Law II (3)
ECO 2013 Principles of Macro Economics (3)
ECO 2023 Principles of Micro Economics (3)
GEB 1011 Introduction to Business (3)
GEB 2430 Business Ethics (3)
MAN 2021 Principles of Management (3)
MAR 2720 Introduction to E-Commerce (3)

COMMUNICATIONS

ASL 2140 American Sign Language I (3)
ASL 2140L American Sign Language I Lab (1)
ASL 2150 American Sign Language II (3)
ASL 2150L American Sign Language II Lab (1)
ASL 2160 American Sign Language III (3)
ASL 2160L American Sign Language III Lab (1)
ASL 2200 American Sign Language IV (3)
ASL 2200L American Sign Language IV Lab (1)
ENC 2210 Report Writing (3)
ENC 2341 Article Writing (3)
ENG 2100 Introduction to Film (3)*
ENL 2012 Early English Literature (3)
ENL 2022 Nineteenth Century English Literature (3)
ENL 2280 Contemporary English Literature (3)
ENL 2931 Selected Topics in Shakespeare (3)
FRE 1120/1120L Elementary French I Concentrated and Lab (4)
FRE 1121/1121L Elementary French II Concentrated and Lab (4)
FRE 2220/2220L Intermediate French Reading and Conversation I and Lab (4)
FRE 2221/2221L Intermediate French Reading and Conversation II and Lab (4)
GER 1120/1120L Elementary German I Concentrated and Lab (4)
GER 1121/1121L Elementary German II Concentrated and Lab (4)
GER 2220/2220L Intermediate German Reading and Conversation I and Lab (4)
GER 2221/2221L Intermediate German Reading and Conversation II and Lab (4)
ITA 1120/1120L Elementary Italian I Concentrated and Lab (4)
ITA 1121/1121L Elementary Italian II Concentrated and Lab (4)
ITA 2220/2220L Intermediate Italian Reading and Conversation I and Lab (4)
ITA 2221/2221L Intermediate Italian Reading and Conversation II and Lab (4)
JOU 1100 Introduction to Journalism (3)
LIT 2030 Understanding Poetry(3)
LIT 2040 Dramatic Literature (3)
LIT 2110 Masterpieces of World Literature I (3)
LIT 2120 Masterpieces of World Literature II (3)
LIT 2380 Literature by Women (3)
LIT 2602 Literature of the Sea (3)
MMC 1000 Introduction to Mass Communication (3)
ORI 2000 Fundamentals of Oral Interpretation (3)
POR 1120/ 1120L Elementary Portuguese I Concentrated and Lab (4)
POR 1121/ 1121L Elementary Portuguese II Concentrated and Lab (4)
RTV 2102 Writing for Radio and Television (Broadcast Writing) (3)
RTV 2300 Broadcast Research/Newswriting/Presentation Skills (3)
SPC 2511 Argumentation and Debate (3)
SPC 2608 Oral Communications/Research/Presentation Skills (3)
SPN 1120/1120L Elementary Spanish I Concentrated and Lab (4)
SPN 1121/1121L Elementary Spanish II Concentrated and Lab (4)
SPN 2220/2220L Intermediate Spanish Reading and Conversation I and Lab (4)
SPN 2221/2221L Intermediate Spanish Reading and Conversation II and Lab (4)

HISTORICAL, POLITICAL & GLOBAL

AMH 2010 United States History to 1877 (3)
AMH 2020 United States History 1865 to Present (3)
AMH 2042 American Social History 1860 to Present (3)
AMH 2045 American Maritime History (3)
AHM 2059 The Vietnam War (3)
AMH 2091 Survey of African American History (3)
CPO 2001 Comparative Government (3)
EUH 2000 History of Western Civilization to 1648 (3)
EUH 2001 History of Western Civilization 1648 to Present (3)
GEO 2000 World Geography (3)

GEO 2420 Cultural Geography (3)
INR 2002 International Relations (3)
ISS 1120 American Political and Economic Issues (3)
PHI 1100 Practical Logic (3)
PHI 2001 Introduction to Philosophy I (3)
PHI 2002 Introduction to Philosophy II (3)
PHI 2600 Introduction to Ethics (3)
PLA 2880 Constitutional Law (3)
POS 2112 State and Local Government (3)
POS 2041 American Federal Government (3)
REL 2300 World Religion (3)
WOH 2012 World History I (3)
WOH 2022 World History II (3)

HUMANITIES & ARTS

AML 2010 Early American Literature (3)
AML 2050 Modern American Literature (3)
AML2060 Contemporary American Literature (3)
AML 2260 Southern Literature (3)
AML 2600 Introduction to African American Literature (3)
ARH 1000 Art Appreciation (3)
ARH 2050 Introduction to the History and Criticism of Art I (3)
ARH 2051 Introduction to the History and Criticism of Art II (3)
ART 1201/1201L Design I and Lab (3)
ART 1203/1203L Design II and Lab (3)
ART 1300/1300L Drawing I and Lab (3)
ART 1301/1301L Drawing II and Lab (3)
ART 1331/1331L Drawing III and Lab (3)
ART 1500/1500L Painting I and Lab (3)
ART 1501/1501L Painting II and Lab (3)
ART 1754/1754L Pottery Handbuilding I and Lab (3)
ART 1772/1772L Raku Pottery I and Lab (3)
ART 2400/2400L Printmaking I and Lab (3)
ART 2540/2540L Watercolor I and Lab (3)
ART 2701/2701L Sculpture I and Lab (3)
ART 2702/2702L Sculpture II and Lab (3)
ART 2710/2710L Stone Carving and Lab (3)
ART 2752/2752L Pottery Wheelthrowing I and Lab (3)
ART 2834 Museum and Gallery Practices (3)
CRW 2100 Fiction Writing (3)
CRW 2300 Poetry Writing (3)*
DAA 1100 Modern Dance I (3)
DAA 1200 Classical Ballet I (3)
DAA 1500 Beginning Jazz Dance (3)
DAA 1520 Beginning Tap Dance (3)
DAA 2101 Modern Dance II (3)
DAA 2201 Classical Ballet II (3)
DAA 2501 Intermediate Jazz Dance (3)
DAA 2610 Dance Composition (3)
DAA 2640/2640L Choreography and Dance Ensemble and Lab (3)
DAA 2540 Musical Theater Dance (3)
DAN 1100 Dance Appreciation (3)
DAN 2740 Stretch & Placement (3)
DIG 1109 Digital Imaging Fundamentals (3)
DIG 2115 Digital Imaging Fundamentals II (3)
DIG 2132 Digital Art and Design (3)
GRA 1741 Principles of Design and Color (3)
HUM 2210 Prehistory to Medieval Humanities (3)
HUM 2230 Renaissance to Postmodern Humanities(3)
HUM 2480 Multi-Cultural Humanities(3)
MUH 2051 Introduction to the Music of the World's Peoples (3)
MUL 1010 Music Appreciation (3)
MUL 2380 Popular Music in America (3)
MUN 1120/1120L College Band and Lab (3)
MUN 1210/1210L Orchestra and Lab (3)
MUN 1340/1340L Concert Choir and Lab (3)
MUN 1362/1362L Madrigal Dinner Rehearsal and Performance and Lab (3)
MUN 1710/1710L Jazz Ensemble and Lab (2)

MUN 1720/1720L Contemporary Vocal Ensemble and Lab (3)
MUS 2360 Learning Basic Music Using the Computer (3)
MUT 1121/1121L Music Theory I and Lab (4)
MUT 1122/1122L Music Theory II and Lab (4)
MUT 2126/2126L Music Theory III and Lab (4)
MUT 2127/2127L Music Theory IV and Lab (4)
MVK 1111 Applied Music - Group (Piano) I & II (1)
MVK 2121 Applied Music - Group (Piano) III & IV (1)
MVS 1116 Beginning Class Guitar (1)
MVS 2126 Intermediate Class Guitar (1)
PGY 2000 History and Aesthetics of Photography (3)
THE 1000 Dramatic Appreciation (3)
THE 1035 Dramatics I (Acting) (3)
THE 1036 Dramatics II (Acting) (3)
THE 2037 Dramatics III (Theatre Production) (3)
THE 2038 Dramatics IV (Theatre Production) (3)
TPA 2200 Stagecraft (3)
TPP 2190/2190L Theatre Rehearsal and Performance and Lab (3)

MATHEMATICS AND TECHNOLOGY

CGS 2100 Microcomputer Applications (3)
MAC 1105 College Algebra (3)
MAC 1114 College Trigonometry (3)
MAC 1140 Pre-Calculus Algebra (3)
MAC 2233 Calculus for Business and Nonphysical Sciences I (3)
MAC 2311/2311L Calculus I and Lab (4)
MAC 2312/2312L Calculus II and Lab (4)
MAC 2313/2313L Calculus III and Lab (4)
MAD 2104 Discrete Mathematics (3)
MAP 2302 Differential Equations (3)
MGF 2106 College Mathematics (3)
MGF 2107 Mathematics for Liberal Arts (3)
STA 2023 Elementary Statistics (3)

PUBLIC SERVICE

CCJ 1010 Introduction to Criminology (3)
CCJ 1020 Introduction to Criminal Justice (3)
CCJ 2647 Organized Crime (3)
CJC 1000 Introduction to Corrections (3)
CJE 1670 Crime Scene Investigation (3)
CJJ 2002 Juvenile Delinquency (3)
CJT 2100 Criminal Investigation (3)

SCIENCE

AST 1002 Astronomy (3)
BOT 1010/1010L General Botany and Lab (4)
BSC 1005 Survey of Biological Science (For Non-Science Majors) (3)
BSC 1005L Survey of Biological Science Lab (For Non-Science Majors) (1)
BSC 1010/1010L General Biology I (For Science Majors) and Lab (4)
BSC 1011/1011L General Biology II (For Science Majors) and Lab (4)
BSC 1020 Human Biology (3)
BSC 1085/1085L Human Anatomy and Physiology I and Lab (4)
BSC 1086/1086L Human Anatomy and Physiology II and Lab (4)
BSC 2930 Biological Themes in Film (3)
CHM 1025/1025L Introduction to Chemistry and Lab (4)
CHM 1045/1045L General College Chemistry I and Lab (4)
CHM 1046/1046L General College Chemistry II and Lab (4)
CHM 2205/2205L Introduction to Organic and Biochemistry and Lab (4)
CHM 2210/2210L Organic Chemistry I and Lab (4)
CHM 2211/2211L Organic Chemistry II and Lab (4)
GLY 2010/2010L Physical Geology and Lab (4)
GLY 2100 Historical Geology (3)
HLP 1081 Fitness Assessment and Improvement (3)
HUN 1201 Human Nutrition (3)
HUN 1270 Sports Nutrition (3)
HSC 2400 First Aid, Responding to Emergencies (3)

MCB 1010/1010L Microbiology and Lab (4)
MET 2010 Meteorology (3)
OCB 2000/2000L Introduction to Marine Biology and Lab (4)
OCE 1001 Introduction to Oceanography (3)
PCB 2510/2510L Human Genetics and Lab (4)
PET 2084 Personal Health and Wellness (3)
PET 2621 Principles of Athletic Training (3)
PET 2622/2622L Care and Prevention of Athletic Injuries and Lab (3)
PHY 1053/1053L General Physics I and Lab (4)
PHY 1054/1054L General Physics II and Lab (4)
PHY 2048/2048L Physics with Calculus I and Lab (5)
PHY 2049/2049L Physics with Calculus II and Lab (5)
PSC 1121 Physical Science (3)

IN ADDITION, the courses listed below may also be used as electives:
All Applied Music - Principal Level Courses (1)
All Applied Music - Secondary Level Courses (1)
All Chamber Music Ensemble Courses (1)
AFR 1101 The Air Force Today I (General Military Course) (1)
AFR 1111 The Air Force Today II (General Military Course) (1)
AFR 2130 The Development of Air Power I (General Military Course) (1)
AFR 2131 The Development of Air Power II (General Military Course) (1)
ART 2551/2551L Airbrush Techniques (3)
CGS 1060 Basic Computer Concepts (3)
HFT 1000 Introduction to Hospitality Industry (3)
HSC 1531 Medical Terminology (4)
HUS 1001 Introduction to Human Services (3)
HUS 1332 Advanced Counseling/ Interview Skills (3)
HUS 2200 Group Dynamics (3)
HUS 2441 Addictions, Families and Communities (3)
HUS 2500 Issues and Ethics in Human Services (3)
HUS 2424 Addictions and Treatment (3)
LIS 1002 Finding Information: Skills and Technologies (3)
LIS 2004 Introduction to Internet Information Research Resources (1)
MAR 2011 Principles of Global Marketing (3)
MAT 1033 Intermediate Algebra (4)
MNA 2345 Supervision of Personnel (3)
MSL 1001 Foundations of Officership (1)
MSL 1002 Basic Leadership (1)
MSL 2101 Individual Leadership (1)
MSL 2102 Leadership and Teamwork (1)
OST 1330 Business English (3)
PGY 1100 Photography I (3)
SLS 1122 Dynamics of Student Success (3)
SLS 1225 Human Potential Seminar (3)
SLS 1261 Dynamics of Student Leadership Development (3)
SLS 2301 Career Planning (3)
SLS 2304 Career Exploration (1)
SLS 2363 Adults in Transition (3)
WST 2010 Women's Studies Seminar (3)

Note: All courses are listed in the most recent Transfer Student Counseling Manual. These courses will either be duplicated in our catalog or brought in as transfer courses.

Courses transferred from other institutions are decided on an individual basis.

Health Information Management (Limited Access Program)

Program Information

A.A.S. Degree - Code 3509 - Catalog 2009/2010

Nancy Thomas, Assistant Chair, 386-506-3748

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

05/04/2009 M - 37.

Program Description

The program trains individuals to supervise many of the health information management department's daily functions; review records for consistency, completeness and accuracy; index and classify all diagnosis and operations on diseases for public health authorities; prepare studies for medical staff; and respond to authorized inquiries for insurance or legal purposes. Clinical experience will be provided in local health care facilities. Graduates are eligible to take the Registered Health Information Technician (RHIT) Examination. Successful candidates are awarded the RHIT credential. RHIT designation signifies a person is a qualified specialist in coding, assembling, analyzing, abstracting and maintaining health information. The Health Information Management program is accredited by the Commission on Accreditation for Health Informatics and Information Management (CAHIIM).

AHIMA/CAHIIM Offices

233 N. Michigan Avenue   21st Floor

Chicago, IL 60601

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Textbooks - $600

FDLE Background Screening - $24

Lab Fees (including liability insurance) - $20

Graduation Fee - $25

Additional Admission Requirements

-To be eligible for program admission, the student must qualify for ENC 1101 (College Composition) and MAT 1033 (Intermediate Algebra). This eligibility can be met through assessment results or course work.

-Program Prerequisite (courses must be completed with a grade of 'C' or better): HSC 1531 (Medical Terminology) before you will be accepted into the program.

-Submit completed application to the School of Health Careers and Human Services.

- Applications accepted anytime during the year.

- Selection is made once per year. Effective Fall 2010 applicants that have a 2.5 Cumulative GPA or higher will be given priority acceptance.

- Florida Department of Law Enforcement (FDLE) background screening must be completed prior to the first day of class. Final program acceptance contingent upon satisfactory results of the FDLE screening.

-A pre-admission consultation with the assistant chair is recommended.

-Program specific courses and general education courses must be completed with a grade 'C' or better.

General Education Courses

Course	Title

		SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
BSC1020	Human Biology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*

**… …   Humanities, Cultural & Aesthetic Core
-CHOOSE ONE:**

		SEM HRS	
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title		
		SEM HRS	
HSC1531	Medical Terminology	4.00	
HIM1000L	Introduction to Health Information Management Lab	1.00	*Conc-Reqs: HIM1000*
HIM1000	Introduction to Health Information Management	2.00	*Pre-Reqs: HSC1531* *Conc-Reqs: HIM1000L*
CGS2100	Microcomputer Applications	3.00	
HIM1222	Beginning ICD-9 Coding	3.00	*Co-Reqs: HIM1000* *Pre-Reqs: HSC1531* *Conc-Reqs: HIM1222L*
HIM1222L	Beginning ICD-9 Coding Lab	1.00	*Conc-Reqs: HIM1222*
HIM1273	Billing and Reinbursement Methods	1.00	*Conc-Reqs: HIM1273L*
HIM1273L	Billing and Reinbursement Methods Lab	1.00	*Conc-Reqs: HIM1273*
HIM2012	Legal Aspects of Health Records	2.00	*Pre-Reqs: HIM1000*
HIM2214	Health Information Management Statistics	2.00	*Co-Reqs: HIM2810* *Pre-Reqs: HIM1000*
HIM2234	Advanced ICD-9 Coding	3.00	*Pre-Reqs: HIM1222* *Conc-Reqs: HIM2234L*
HIM2234L	Advanced ICD-9 Coding Lab	1.00	*Conc-Reqs: HIM2234*
HIM2253	Beginning CPT Coding	2.00	*Pre-Reqs: HIM1222 AND HSC1531* *Conc-Reqs: HIM2253L*
HIM2253L	Beginning CPT Coding Lab	1.00	*Conc-Reqs: HIM2253*
HIM2430	Concepts of Diseases	4.00	*Co-Reqs: HIM2442* *Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020*
HIM2442	Pharmacology and Lab	1.00	*Co-Reqs: HIM2430*
HIM2400	Health Records in Alternate Settings	3.00	*Co-Reqs: HIM2810* *Pre-Reqs: HIM2234 AND HIM1000*

HIM2500	Quality Assurance and Compliance	2.00	*Pre-Reqs: HIM1000 AND HIM2810 AND HIM2214*
HIM2512	Health Information Systems Management	2.00	*Pre-Reqs: HIM2800*
HIM2652	Electronic Health Record	1.00	*Co-Reqs: HIM2810*
			Pre-Reqs: HIM1000
			Conc-Reqs: HIM2652L
HIM2652L	Electronic Health Record Lab	1.00	*Conc-Reqs: HIM2652*
HIM2283	Advanced CPT Coding	2.00	*Conc-Reqs: HIM2283L*
HIM2283L	Advanced CPT Coding Lab	1.00	*Conc-Reqs: HIM2283*
HIM2800	Coding Professional Practice Experience I	1.00	*Pre-Reqs: HIM2253*
HIM2810	Professional Practice II	2.00	*Pre-Reqs: HIM2800*
HIM2820	Professional Practice Experience III	2.00	*Pre-Reqs: HIM2810*
HIM2920	Health Information Management Seminar	2.00	*Co-Reqs: HIM2820*
			Pre-Reqs: HIM2283 AND HIM2400

Sample Program of Study

Course	Title		
… …	**Prerequisite Course**		
		SEM HRS	
HSC1531	Medical Terminology	4.00	

	First Year - 1st Semester - Spring		
… …			
		SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
BSC1020	Human Biology	3.00	*Co-Reqs: ENC1101*
HIM1000	Introduction to Health Information Management	2.00	*Pre-Reqs: HSC1531*
			Conc-Reqs: HIM1000L
HIM1000L	Introduction to Health Information Management Lab	1.00	*Conc-Reqs: HIM1000*
HIM1222	Beginning ICD-9 Coding	3.00	*Co-Reqs: HIM1000*
			Pre-Reqs: HSC1531
			Conc-Reqs: HIM1222L
HIM1222L	Beginning ICD-9 Coding Lab	1.00	*Conc-Reqs: HIM1222*

… …	**2nd Semester - Summer**		
		SEM HRS	
CGS2100	Microcomputer Applications	3.00	
HIM2012	Legal Aspects of Health Records	2.00	*Pre-Reqs: HIM1000*
HIM2253	Beginning CPT Coding	2.00	*Pre-Reqs: HIM1222 AND HSC1531*
			Conc-Reqs: HIM2253L
HIM2253L	Beginning CPT Coding Lab	1.00	*Conc-Reqs: HIM2253*

… …	**3rd Semester - Fall**		
		SEM HRS	
HIM2234	Advanced ICD-9 Coding	3.00	*Pre-Reqs: HIM1222*
			Conc-Reqs: HIM2234L
HIM2234L	Advanced ICD-9 Coding Lab	1.00	*Conc-Reqs: HIM2234*
HIM2430	Concepts of Diseases	4.00	*Co-Reqs: HIM2442*
			Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020
HIM2442	Pharmacology and Lab	1.00	*Co-Reqs: HIM2430*
HIM1273	Billing and Reinbursement Methods	1.00	*Conc-Reqs: HIM1273L*
HIM1273L	Billing and Reinbursement Methods Lab	1.00	*Conc-Reqs: HIM1273*
HIM2800	Coding Professional Practice Experience I	1.00	*Pre-Reqs: HIM2253*

… …	**Second Year - 1st Semester - Spring**		
		SEM HRS	

HIM2214	Health Information Management Statistics	2.00	*Co-Reqs: HIM2810*
			Pre-Reqs: HIM1000
HIM2400	Health Records in Alternate Settings	3.00	*Co-Reqs: HIM2810*
			Pre-Reqs: HIM2234 AND HIM1000
HIM2652	Electronic Health Record	1.00	*Co-Reqs: HIM2810*
			Pre-Reqs: HIM1000
			Conc-Reqs: HIM2652L
HIM2652L	Electronic Health Record Lab	1.00	*Conc-Reqs: HIM2652*
HIM2283	Advanced CPT Coding	2.00	*Conc-Reqs: HIM2283L*
HIM2283L	Advanced CPT Coding Lab	1.00	*Conc-Reqs: HIM2283*
HIM2810	Professional Practice II	2.00	*Pre-Reqs: HIM2800*

… …	**Second Year - 2nd Semester - Summer**		
		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	

… …	**Second Year - 3rd Semester - Fall**		
		SEM HRS	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HIM2512	Health Information Systems Management	2.00	*Pre-Reqs: HIM2800*
HIM2500	Quality Assurance and Compliance	2.00	*Pre-Reqs: HIM1000 AND HIM2810 AND HIM2214*
HIM2820	Professional Practice Experience III	2.00	*Pre-Reqs: HIM2810*
HIM2920	Health Information Management Seminar	2.00	*Co-Reqs: HIM2820*
			Pre-Reqs: HIM2283 AND HIM2400

TOTAL	…	**67.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. MAT 1033 fulfills general education requirements for AAS degree programs only.

Hospitality Management

Program Description

This program provides a solid foundation in hospitality management skills including travel and tourism, food preparation, property management, hotel/motel basics, and service management.

Graduates of this program are eligible to enroll in Daytona State's Bachelor of Applied Science in Supervision and Management Program. Call (386) 506-4BAS or e-mail BASinfo@DaytonaState.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees charged per Food Production Course for food costs - $150

Uniforms - $125 (Approximately)

Professional Cutlery - $221

Additional Admission Requirements

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course depending upon College Placement Test scores.

Careers

Manager in Hotel/Lodging Industry, Resorts, Spas, Corporate, Country Clubs, Restaurants and Food Service Industry.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
BSC1005	Survey of Biological Sciences (For Non-Science Majors)	3.00	*Co-Reqs: ENC1101*
EUH2000	History of Western Civilization to 1648	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIS2004	Introduction to Internet Information Research Resources	1.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

Hospitality Management (Event Planning Specialization)

Program Information

A.A.S. Degree - Code 3510 - Catalog 2009/2010

Rick Florsheim, Chair, 386-506-3254, florshr@daytonastate.edu

Lisa Allen, Program Advisor, 386-506-3946, allenl@daytonastate.edu

Program Description

This program is designed for those who plan careers in Hospitality Management in the area of Event Planning Management. The program contains a blend of general education courses, hospitality core classes and classes that specialize in the field of Event Planning Management. The program is designed to prepare the student for a career path in the Event Planning Industry.

Graduates of this program are eligible to enroll in Daytona State College's Bachelor of Applied Science in Supervision and Management Program. Call (386)506-4BAS or email BASinfo@DaytonaState.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees charged per Food Production Course for food costs - $150

Uniforms - $125 (approximately)

Professional Cutlery - $221

Additional Admission Requirements

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course depending upon their College Placement Test scores.

Careers

Event Planner in own business, Hotel/Lodging Industry, Corporations, Country Clubs, Resorts

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS

HFT1000	Introduction to Hospitality Industry	3.00	
FOS1201	Sanitation and Safety	3.00	
HFT2282	Hospitality Supervision	3.00	
HUN1203	Culinary Nutrition	3.00	
HFT1820	Purchasing for Hospitality	3.00	
HFT1940	Hospitality Practicum I (Basic)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1940L
HFT1940L	Hospitality Practicum I Lab (Basic)	1.00	*Conc-Reqs: HFT1940*
HFT1941	Hospitality Practicum II (Intermediate)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1941L
HFT1941L	Hospitality Practicum II Lab (Intermediate)	1.00	*Conc-Reqs: HFT1941*
HFT2671	Event Risk Management	3.00	*Pre-Reqs: HFT1000*
HFT2500	Event Marketing	3.00	*Pre-Reqs: HFT1000*
HFT2742	Global Meetings and Exhibitions	3.00	*Pre-Reqs: HFT1000*
FSS2284	Catering and Buffet Management	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS2284L
FSS2284L	Catering and Buffet Management Lab	1.00	*Conc-Reqs: FSS2284*
HFT2454	Food and Beverage Cost Control	3.00	*Pre-Reqs: MAT1033*
HFT2600	Hospitality Law	3.00	
HFT2283	Hospitality Contract Management	3.00	
HFT1261	Hospitality Service	3.00	
HFT2750	Hospitality and Tourism Marketing	3.00	

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**First Semester**		
		SEM HRS	
ENC1101	College Composition	3.00	
HFT1000	Introduction to Hospitality Industry	3.00	
FOS1201	Sanitation and Safety	3.00	
HFT2500	Event Marketing	3.00	*Pre-Reqs: HFT1000*
HUN1203	Culinary Nutrition	3.00	

… …	**2nd Semester**		
		SEM HRS	
MAT1033	*I*Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
HFT1261	Hospitality Service	3.00	
HFT2282	Hospitality Supervision	3.00	
HFT2600	Hospitality Law	3.00	
HFT2283	Hospitality Contract Management	3.00	

… …	**Summer Semester A**		
		SEM HRS	
HFT1940	Hospitality Practicum I (Basic)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1940L
HFT1940L	Hospitality Practicum I Lab (Basic)	1.00	*Conc-Reqs: HFT1940*

… …	**Summer Semester B**		
		SEM HRS	
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*

… …	**Second Year**		
… …	**1ST SEMESTER**		
		SEM HRS	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*

HFT2671	Event Risk Management	3.00	*Pre-Reqs: HFT1000*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
FSS2284	Catering and Buffet Management	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS2284L
FSS2284L	Catering and Buffet Management Lab	1.00	*Conc-Reqs: FSS2284*
HFT1820	Purchasing for Hospitality	3.00	

… …   2nd Semester

SEM HRS

HFT1941	Hospitality Practicum II (Intermediate)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1941L
HFT1941L	Hospitality Practicum II Lab (Intermediate)	1.00	*Conc-Reqs: HFT1941*
HFT2742	Global Meetings and Exhibitions	3.00	*Pre-Reqs: HFT1000*
HFT2454	Food and Beverage Cost Control	3.00	*Pre-Reqs: MAT1033*
HFT2750	Hospitality and Tourism Marketing	3.00	
TOTAL	**…**	**64.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1 MAT 1033 fulfills general education requirements for AAS degree programs only.

Hospitality Management (Food and Beverage Management Specialization)

Program Information

A.A.S. Degree - Code 3533 - Catalog 2009/2010

Rick Florsheim, Chair, 386-506-3254, florshr@daytonastate.edu

Lisa Allen, Program Advisor, 386-506-3946, allenl@daytonastate.edu

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Program Description

This program is designed for those who plan careers in Hospitality Management in the area of Food and Beverage Management. The program contains a blend of general education courses, hospitality core classes and classes that specialize in the field of Food and Beverage Management.

Graduates of this program are eligible to enroll in Daytona State's Bachelor of Applied Science in Supervision and Management Program. Call (386)506-4BAS or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees per Food Production Course for food costs - $150

Uniforms - $125 (approximately)

Professional Cutlery - $221

Additional Admission Requirements

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course depending upon their College Placement Test scores.

Careers

Food Service Manager in Restaurants, Hotels, Spas, Resorts and other food service venues.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033 5	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS
HFT1000	Introduction to Hospitality Industry	3.00
FOS1201	Sanitation and Safety	3.00

Hospitality Management (Lodging and Management Specialization)

Program Information

A.A.S. Degree - Code 3534 - Catalog 2009/2010

Rick Florsheim, Chair, 386-506-3254, florshr@daytonastate.edu

Lisa Allen, Program Advisor, 386-506-3946, allenl@daytonastate.edu

Program Description

This program is designed for those who plan careers in Hospitality Management in the area of Lodging Management. The program contains a blend of general education courses, hospitality core classes and classes that specialize in the field of Lodging Management. The program is designed to prepare the student for a career in the Hotel/Lodging Industry.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees per Food Production Course for food costs - $150

Uniforms - Approximately $125

Professional Cutlery - $221

Additional Admission Requirements

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course depending upon their College Placement Test scores.

Careers

Manager in the Hotel/Lodging Industry, Resorts, Spas or other management areas

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS
HFT1000	Introduction to Hospitality Industry	3.00
FOS1201	Sanitation and Safety	3.00
HFT2282	Hospitality Supervision	3.00
HUN1203	Culinary Nutrition	3.00
HFT1820	Purchasing for Hospitality	3.00

HFT1940	Hospitality Practicum I (Basic)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1940L
HFT1940L	Hospitality Practicum I Lab (Basic)	1.00	*Conc-Reqs: HFT1940*
HFT1941	Hospitality Practicum II (Intermediate)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1941L
HFT1941L	Hospitality Practicum II Lab (Intermediate)	1.00	*Conc-Reqs: HFT1941*
HFT1410	Lodging Operations I	3.00	
HFT2313	Lodging Operations II	3.00	
HFT1261	Hospitality Service	3.00	
HFT2750	Hospitality and Tourism Marketing	3.00	
HFT2461	Hospitality Managerial Finance	3.00	
HFT2600	Hospitality Law	3.00	
HFT2454	Food and Beverage Cost Control	3.00	*Pre-Reqs: MAT1033*
FSS2284	Catering and Buffet Management	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS2284L
FSS2284L	Catering and Buffet Management Lab	1.00	*Conc-Reqs: FSS2284*
HFT2283	Hospitality Contract Management	3.00	

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**First Semester**		
		SEM HRS	
ENC1101	College Composition	3.00	
HFT1000	Introduction to Hospitality Industry	3.00	
FOS1201	Sanitation and Safety	3.00	
MAT1033	*I*Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*

	Second Semester		
		SEM HRS	
HFT1410	Lodging Operations I	3.00	
HFT2313	Lodging Operations II	3.00	
HFT2282	Hospitality Supervision	3.00	
HFT1261	Hospitality Service	3.00	
HUN1203	Culinary Nutrition	3.00	

	Summer Semester		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
HFT1940	Hospitality Practicum I (Basic)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1940L
HFT1940L	Hospitality Practicum I Lab (Basic)	1.00	*Conc-Reqs: HFT1940*

… …	**Second Year**		
… …	**First Semester**		
		SEM HRS	
HFT1941	Hospitality Practicum II (Intermediate)	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: HFT1941L
HFT1941L	Hospitality Practicum II Lab (Intermediate)	1.00	*Conc-Reqs: HFT1941*
HFT2750	Hospitality and Tourism Marketing	3.00	
HFT2461	Hospitality Managerial Finance	3.00	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*

… …	**Second Semester**

		SEM	
		HRS	
HFT1820	Purchasing for Hospitality	3.00	
HFT2600	Hospitality Law	3.00	
HFT2454	Food and Beverage Cost Control	3.00	*Pre-Reqs: MAT1033*
FSS2284	Catering and Buffet Management	2.00	*Pre-Reqs: FSS1222*
			Conc-Reqs: FSS2284L
FSS2284L	Catering and Buffet Management Lab	1.00	*Conc-Reqs: FSS2284*
HFT2283	Hospitality Contract Management	3.00	

TOTAL …   **64.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1 MAT 1033 fulfills general education requirements for AAS degree programs only.

Human Services (Addictions Specialization)

Program Information

A.S. Degree - Code 2007 - Catalog 2009/2010

Olu Eniwaye, Assistant Chair, 386-506-3746

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

The Human Services program with an Addiction Specialization prepares students for employment in the field of addiction specific human services. The A.S. degree assists students to acquire additional skills that lead to a bachelor's degree. Human Services is designed as an umbrella program for the fields of psychology, mental health, addictions, social work, sociology and health care. The Human Services program requires students to integrate knowledge and practice skills through community and college service work, and professionally supervised internships in a wide variety of human service agencies and programs. The Human Services program is a Single Source Provider for the Florida Certification Board. Students can use coursework to meet virtually all of their educational requirements for certification as associate level addictions professionals. The internship hours count as work experience if completed in an agency that serves clients with addictions. Students have a unique opportunity to practice professional responsibilities through the Human Services Program, its Club, and the regional and national organizations for Human Services.

Note: It is extremely important that students take coursework in a specific order. For that reason, new students need to schedule an interview with the assistant chair. Orientation is mandatory.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

-Attend mandatory program orientation

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance is contingent upon satisfactory results of the FDLE screening. Some exceptions may apply depending on externship facility placement.

-Clinical agencies may elect to do a more extensive background check in addition to the initial requirement.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033 OR MAC1105*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
CLP2001	Psychology of Adjustment	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*

… …   Humanities, Cultural & Aesthetic Core - CHOOSE ONE:

Course	Title	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*

Course	Title		
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CLP2140	Abnormal Psychology	3.00	*Co-Reqs: ENC1101*
HUS1001	Introduction to Human Services	3.00	*Co-Reqs: PCO2202*
HUS1332	Advanced Counseling/Interview Skills	3.00	*Co-Reqs: HUS1850*
			Pre-Reqs: HUS1001 AND PCO2202
HUS1850	Human Services Externship I	1.00	*Co-Reqs: HUS1332*
			Pre-Reqs: HUS1001 AND PCO2202
			Conc-Reqs: HUS1850L
HUS1850L	Human Services Externship I Lab	3.00	*Conc-Reqs: HUS1850*
HUS2200	Group Dynamics	3.00	*Co-Reqs: HUS2851*
			Pre-Reqs: HUS1332 AND HUS2801
HUS2441	Addictions, Families, and Communities	3.00	
HUS2500	Issues and Ethics in Human Services	3.00	*Co-Reqs: HUS2852 AND CLP2140*
HUS2424	Addictions and Treatment	3.00	
HUS2801	Human Services Practicum	1.00	*Pre-Reqs: HUS1850 AND HUS1332*
			Conc-Reqs: HUS2801L
HUS2801L	Human Services Practicum Lab	5.00	*Conc-Reqs: HUS2801*
HUS2851	Human Services Externship II	1.00	*Co-Reqs: HUS2200*
			Pre-Reqs: HUS2801
			Conc-Reqs: HUS2851L
HUS2851L	Human Services Externship II Lab	3.00	*Conc-Reqs: HUS2851*
HUS2852	Human Services Externship III	1.00	*Co-Reqs: CLP2140 AND HUS2500*
			Pre-Reqs: HUS2851
			Conc-Reqs: HUS2852L
HUS2852L	Human Services Externship III Lab	3.00	*Conc-Reqs: HUS2852*
HUS2933	Human Services Seminar	1.00	
PCO2202	Counseling Techniques	3.00	
HUS2008	Survey of Counseling Theory and Practice	3.00	
PSB2442	Addictions I - Psychology of Addictions	3.00	
SOP2772	Psychology of Human Sexuality	3.00	*Co-Reqs: ENC1101*
… …	**Elective - CHOOSE FROM:**	3.00	

Course	Title	SEM HRS	
CCJ1020	Introduction to Criminal Justice	3.00	
REL2300	World Religion	3.00	*Co-Reqs: ENC1101*

Sample Program of Study

Course	Title
… …	**1st Semester - Fall**

		SEM HRS	
ENC1101	College Composition	3.00	
CLP2001	Psychology of Adjustment	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
HUS1001	Introduction to Human Services	3.00	*Co-Reqs: PCO2202*
HUS2933	Human Services Seminar	1.00	
PCO2202	Counseling Techniques	3.00	

| … … | **Elective** | 3.00 | |
| … … | **2nd Semester - Spring** | | |

		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
HUS1332	Advanced Counseling/Interview Skills	3.00	*Co-Reqs: HUS1850*
			Pre-Reqs: HUS1001 AND PCO2202
HUS1850	Human Services Externship I	1.00	*Co-Reqs: HUS1332*
			Pre-Reqs: HUS1001 AND PCO2202
			Conc-Reqs: HUS1850L
HUS1850L	Human Services Externship I Lab	3.00	*Conc-Reqs: HUS1850*
HUS2008	Survey of Counseling Theory and Practice	3.00	
PSB2442	Addictions I - Psychology of Addictions	3.00	

| … … | **Summer Semester** | | |

		SEM HRS	
HUS2801	Human Services Practicum	1.00	*Pre-Reqs: HUS1850 AND HUS1332*
			Conc-Reqs: HUS2801L
HUS2801L	Human Services Practicum Lab	5.00	*Conc-Reqs: HUS2801*

| … … | **Second Year - 1st Semester** | | |

		SEM HRS	
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140*
			OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103
			Pre-Reqs: MAT1033 OR MAC1105
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
SOP2772	Psychology of Human Sexuality	3.00	*Co-Reqs: ENC1101*
HUS2200	Group Dynamics	3.00	*Co-Reqs: HUS2851*
			Pre-Reqs: HUS1332 AND HUS2801
HUS2424	Addictions and Treatment	3.00	
HUS2851	Human Services Externship II	1.00	*Co-Reqs: HUS2200*
			Pre-Reqs: HUS2801
			Conc-Reqs: HUS2851L
HUS2851L	Human Services Externship II Lab	3.00	*Conc-Reqs: HUS2851*

| … … | **2nd Semester** | | |

		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
CLP2140	Abnormal Psychology	3.00	*Co-Reqs: ENC1101*
HUS2441	Addictions, Families, and Communities	3.00	
HUS2500	Issues and Ethics in Human Services	3.00	*Co-Reqs: HUS2852 AND CLP2140*
HUS2852	Human Services Externship III	1.00	*Co-Reqs: CLP2140 AND HUS2500*
			Pre-Reqs: HUS2851
			Conc-Reqs: HUS2852L
HUS2852L	Human Services Externship III Lab	3.00	*Conc-Reqs: HUS2852*

TOTAL   …   73.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Human Services Assistant Specialization

Program Information

A.S. Certificate - Code 0814 - Catalog 2009/2010

Olu Eniwaye, Assistant Chair, 386-506-3746

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

The purpose of this program is to prepare students with the knowledge and skills needed in criminal justice and rehabilitation fields. Students are prepared with entry level job skills to assist addiction specialists, substance abuse counselors and social practitioners. Credits earned in this certificate program may be applied toward the AS Degree in Human Services (Generalist and Addictions Specialization).

Note: Financial aid eligibility for this program is pending.

Approximate Additional Costs

FDLE Background Check - $24

Additional Admission Requirements

-Program Prerequisites (courses must be completed with a grade of 'C' or better): ENC 1101 (College Composition I) and MAT 1033 (Intermediate Algebra).

-Attend mandatory program orientation

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance is contingent upon satisfactory results of the FDLE screening. Some exceptions may apply depending on externship facility placement.

-Clinical agencies may elect to do a more extensive background check in addition to the initial requirement.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	*I*Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
DEP2402	Psychology of Adulthood and Aging	3.00	*Pre-Reqs: PSY1012*
DEP2481	Death & Dying: Life & Living	3.00	*Co-Reqs: ENC1101*
HUS1001	Introduction to Human Services	3.00	*Co-Reqs: PCO2202*
HUS1332	Advanced Counseling/Interview Skills	3.00	*Co-Reqs: HUS1850*
			Pre-Reqs: HUS1001 AND PCO2202

HUS1850	Human Services Externship I	1.00	*Co-Reqs: HUS1332*
			Pre-Reqs: HUS1001 AND PCO2202
			Conc-Reqs: HUS1850L
HUS1850L	Human Services Externship I Lab	3.00	*Conc-Reqs: HUS1850*
HUS2933	Human Services Seminar	1.00	

Sample Program of Study

Course	Title		
… …	**Prerequisite Courses**		
		SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*

… …	**1st Semester - Fall**		
		SEM HRS	
HUS1001	Introduction to Human Services	3.00	*Co-Reqs: PCO2202*
DEP2402	Psychology of Adulthood and Aging	3.00	*Pre-Reqs: PSY1012*
DEP2481	Death & Dying: Life & Living	3.00	*Co-Reqs: ENC1101*

… …	**2nd Semester Spring**		
		SEM HRS	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HUS1332	Advanced Counseling/Interview Skills	3.00	*Co-Reqs: HUS1850*
			Pre-Reqs: HUS1001 AND PCO2202
HUS2933	Human Services Seminar	1.00	
HUS1850	Human Services Externship I	1.00	*Co-Reqs: HUS1332*
			Pre-Reqs: HUS1001 AND PCO2202
			Conc-Reqs: HUS1850L
HUS1850L	Human Services Externship I Lab	3.00	*Conc-Reqs: HUS1850*

TOTAL … **27.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1 MAT 1033 fulfills general education requirements for AAS and college credit certificate programs only.

Human Services (Generalist)

Program Information

A.S. Degree - Code 2026 - Catalog 2009/2010

Olu Eniwaye, Assistant Chair, 386-506-3746

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

06/26/2009 M - 40.

Program Description

The Human Services program prepares students for employment in fields of human services. The Human Services (General) program prepares students for employment in specific and non-specific human services disciplines. The A.S. degree assists students to acquire additional skills that leads to a bachelor's degree. Human Services is designed as an umbrella program for the fields of psychology, mental health, addictions, social work, sociology and health care. The Human Services program requires students to integrate knowledge and practice skills through community and college service work, and professionally supervised internships in a wide variety of human service agencies and programs. The Human Services program is a Single Source Provider for the Florida Certification Board. Students can use coursework to meet virtually all of their educational requirements for certification as associate level professionals. The internship hours count as work experience if the assignments are completed in an agency that serves clients with identified needs. Students have a unique opportunity to practice professional responsibilities through the Human Services Program, its Club, and the regional and national organizations for Human Services.

Note: It is extremely important that students take course work in a specific order. For that reason, new students need to schedule an interview with the assistant chair. Orientation is mandatory.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

-Attend mandatory program orientation

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance is contingent upon satisfactory results of the FDLE screening. Some exceptions may apply depending on the externship facility placement.

-Clinical agencies may elect to do a more extensive background check in addition to the initial requirement.

-Courses must be completed with a 'C' or higher.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033 OR MAC1105*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
CLP2001	Psychology of Adjustment **OR**	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*

Humanities, Cultural & Aesthetic Core
-CHOOSE FROM:

		SEM HRS	
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CLP2140	Abnormal Psychology	3.00	*Co-Reqs: ENC1101*
HUS1001	Introduction to Human Services	3.00	*Co-Reqs: PCO2202*
HUS1332	Advanced Counseling/Interview Skills	3.00	*Co-Reqs: HUS1850* *Pre-Reqs: HUS1001 AND PCO2202*
HUS1850	Human Services Externship I	1.00	*Co-Reqs: HUS1332* *Pre-Reqs: HUS1001 AND PCO2202* *Conc-Reqs: HUS1850L*
HUS1850L	Human Services Externship I Lab	3.00	*Conc-Reqs: HUS1850*
HUS2200	Group Dynamics	3.00	*Co-Reqs: HUS2851* *Pre-Reqs: HUS1332 AND HUS2801*
HUS2500	Issues and Ethics in Human Services	3.00	*Co-Reqs: HUS2852 AND CLP2140*
HUS2801	Human Services Practicum	1.00	*Pre-Reqs: HUS1850 AND HUS1332* *Conc-Reqs: HUS2801L*
HUS2801L	Human Services Practicum Lab	5.00	*Conc-Reqs: HUS2801*
HUS2851	Human Services Externship II	1.00	*Co-Reqs: HUS2200* *Pre-Reqs: HUS2801* *Conc-Reqs: HUS2851L*
HUS2851L	Human Services Externship II Lab	3.00	*Conc-Reqs: HUS2851*
HUS2852	Human Services Externship III	1.00	*Co-Reqs: CLP2140 AND HUS2500* *Pre-Reqs: HUS2851* *Conc-Reqs: HUS2852L*
HUS2852L	Human Services Externship III Lab	3.00	*Conc-Reqs: HUS2852*
HUS2933	Human Services Seminar	1.00	
PCO2202	Counseling Techniques	3.00	
PPE2001	Survey of Personality	3.00	
PSB2442	Addictions I - Psychology of Addictions	3.00	
SLS2304	Career Exploration	1.00	
… …	**Elective - CHOOSE ONE:**		
CCJ1020	Introduction to Criminal Justice	3.00	
CJJ2002	Juvenile Delinquency	3.00	
REL2300	World Religion	3.00	*Co-Reqs: ENC1101*
SOP2772	Psychology of Human Sexuality	3.00	*Co-Reqs: ENC1101*

Sample Program of Study

Course	Title		
… …	**First Year - 1st Semester Fall**		
		SEM HRS	
ENC1101	College Composition	3.00	
CLP2001	Psychology of Adjustment **OR**	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
HUS1001	Introduction to Human Services	3.00	*Co-Reqs: PCO2202*
PCO2202	Counseling Techniques	3.00	
HUS2933	Human Services Seminar	1.00	

Course	Title		
… …	**2nd Semester - Spring**		
		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
HUS1332	Advanced Counseling/Interview Skills	3.00	*Co-Reqs: HUS1850* *Pre-Reqs: HUS1001 AND PCO2202*
HUS1850	Human Services Externship I	1.00	*Co-Reqs: HUS1332* *Pre-Reqs: HUS1001 AND PCO2202* *Conc-Reqs: HUS1850L*
HUS1850L	Human Services Externship I Lab	3.00	*Conc-Reqs: HUS1850*
PPE2001	Survey of Personality	3.00	
PSB2442	Addictions I - Psychology of Addictions	3.00	

Course	Title		
… …	**3rd Semester - Summer**		
		SEM HRS	
HUS2801	Human Services Practicum	1.00	*Pre-Reqs: HUS1850 AND HUS1332* *Conc-Reqs: HUS2801L*
HUS2801L	Human Services Practicum Lab	5.00	*Conc-Reqs: HUS2801*

Course	Title		
… …	**Second Year - 4th Semester - Fall**		
		SEM HRS	
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103* *Pre-Reqs: MAT1033 OR MAC1105*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
HUS2200	Group Dynamics	3.00	*Co-Reqs: HUS2851* *Pre-Reqs: HUS1332 AND HUS2801*
HUS2851	Human Services Externship II	1.00	*Co-Reqs: HUS2200* *Pre-Reqs: HUS2801* *Conc-Reqs: HUS2851L*
HUS2851L	Human Services Externship II Lab	3.00	*Conc-Reqs: HUS2851*
… …	**Elective**	3.00	

Course	Title		
… …	**5th Semester - Spring**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
CLP2140	Abnormal Psychology	3.00	*Co-Reqs: ENC1101*
SLS2304	Career Exploration	1.00	
HUS2500	Issues and Ethics in Human Services	3.00	*Co-Reqs: HUS2852 AND CLP2140*
HUS2852	Human Services Externship III	1.00	*Co-Reqs: CLP2140 AND HUS2500* *Pre-Reqs: HUS2851* *Conc-Reqs: HUS2852L*
HUS2852L	Human Services Externship III Lab	3.00	*Conc-Reqs: HUS2852*

TOTAL …   **65.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Industrial Management Technology

Program Information

A.A.S. Degree - Code 3514 - Catalog 2009/2010

Roger Rowan, Chairperson, School of Technolo, 386-506-4171, rowanr@daytonastate.edu

Patricia Dyke, Coordinator, College of Enginee, 386-506-3182, dykep@daytonastate.edu

Dr. Stanley Sidor, Associate V., 386-506-3612, sidors@daytonastate.edu

Program Description

The program is designed to provide graduates of certificate and apprenticeship programs additional technical and supervisory skills, while enhancing the basic general education skills necessary for placement in entry-level management positions. With the Industrial Management Technology program students can advance in their field and elevate their overall performance. This program will increase their technical knowledge and enhance their communication, computation and job skills. Students will learn to:

- Organize, control and update materials and tools inventories
- Analyze and interpret personnel organization charts
- Rough out job descriptions for specific positions
- Supervise production activities and ensure compliance with quality standards
- Manage and supervise production crews
- Prepare periodical production, schedule compliance and safety reports
- Implement and assess new management systems

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

- Students must have completed an appropriate apprenticeship or certificate program of 700 contact hours or equivalent with a GPA of 2.0 or better. Demonstrated work experience with supporting documentation equivalent to an apprenticeship or certificate may be acceptable. The certificate or apprenticeship program will be evaluated. If accepted, credit will be awarded as BCT 2990 (Technical Training) for 23 credit hours.

- A pre-admissions consultation with the Chairperson of School of Technological and Occupational Programs or Associate Vice President of College of Engineering Technology and Occupational Programs is required.

Careers

Team leaders, shift supervisors, crew managers, project managers, foremen and project directors

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
… …	**BEHAVIORAL & HUMAN SCIENCE CORE-CHOOSE ONE**		
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

	HUMANITIES, CULTURAL & AESTHETIC CORE-CHOOSE ONE		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
BCT2990	Technical Training	23.00	
CGS2100	Microcomputer Applications	3.00	
EGS1000	Professional Performance for Technicians	3.00	
GEB1011	Introduction to Business	3.00	
MAN2021	Principles of Management	3.00	
MNA2161	Quality Service Management	3.00	
MNA2345	Supervision of Personnel	3.00	
MNA2949	Cooperative Education Experience in Management	3.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**First Year**		
BCT2990	Technical Training	23.00	

Course	Title	SEM HRS	
… …	**Second Year**		
… …	**1st Semester**		
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
CGS2100	Microcomputer Applications	3.00	
GEB1011	Introduction to Business	3.00	
MNA2161	Quality Service Management	3.00	

Course	Title	SEM HRS	
… …	**2nd Semester**		
… …	**Behavioral & Human Sciences Core**	3.00	
EGS1000	Professional Performance for Technicians	3.00	
MAN2021	Principles of Management	3.00	
MNA2345	Supervision of Personnel	3.00	
MNA2949	Cooperative Education Experience in Management	3.00	

… …	**3rd Semester**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
TOTAL	**…**	**60.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

* MAT 1033 fulfills general education requirements for AAS degree programs only.

Infant Toddler Specialization

Program Information

A.S. Certificate - Code 0810 - Catalog 2009/2010

Mary Rodgers, Assistant Chair, 386-506-3113, rodgerm@daytonastate.edu

Linda Miles, Assistant Dean, 386-506-3823

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07/10/2009 M - 33(

Program Description

This program prepares students with the skills and knowledge to care for infants and toddlers in a child care environment. All the required courses in this certificate program can be applied toward the AS Degree in Early Childhood Education.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

FDLE Background Check - $24

Additional Admission Requirements

In addition to the required courses, students will be required to have a current approved certificate in first aid and infant/child CPR and the mandated DCF child care training hours.

Program Specific Courses

Course	Title	SEM HRS
CHD2110	Infant/Toddler Development	4.00
CHD1220	Child Growth and Development	3.00
HSC1421	Health, Safety and Nutrition for the Young Child	3.00
EEC2401	Home, School and Community	2.00
TOTAL	…	**12.00**

Information Technology Administration

Program Information

A.S. Certificate - Code 0902 - Catalog 2009/2010

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Jameal Adkins, Assistant Chair, 386-506-3371, adkinsja@daytonastate.edu

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

Program Description

The certificate program in Information Technology Administration provides the student a solid understanding of web based technology. The student develops proficiency with hardware and software installation, networked environment, development and use software tools and web programming language in building, maintaining and optimizing websites for personal and business use. The content prepares students to work in Internet, Intranet, and Extranet environments; installing and configuring Intranet and web based resources.

Note: To ensure Financial Aid program eligibility, students need to also be accepted to the parallel associate degree program.

Approximate Additional Costs

Approximate Additional Costs may vary from $20-$50 for each program specific courses.

Additional Admission Requirements

Note: It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degree in Networking Services Technology, and some courses could be applied towards AS degrees in Computer Programming and Analysis, Computer Information Technology, Internet Services Technology, and Computer Engineering Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional **OR**	4.00	
CET1600	Network Plus	4.00	
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
CGS2820	Web Programming (JavaScript, Ajax, ASP.Net)	3.00	*Co-Reqs: COP1000* *Pre-Reqs: CGS1555 AND COP1000 OR CTS1851*
CGS2821	Advanced Web Programming (XML, ASP.Net, SQL Server)	3.00	*Pre-Reqs: CTS1851 OR CGS1555*
COP1000	Principles of Computer Programming	3.00	
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	

Sample Program of Study

Course	Title
… …	**1st Semester**

		SEM
		HRS
CTS2306	Microsoft Windows Professional **OR**	4.00
CET1600	Network Plus	4.00
CTS1851	Internet Web Foundations (HTML, CSS)	3.00
COP1000	Principles of Computer Programming	3.00

… …　　**2nd Semester**

		SEM	
		HRS	
CGS2820	Web Programming (JavaScript, Ajax, ASP.Net)	3.00	*Co-Reqs: COP1000* *Pre-Reqs: CGS1555 AND COP1000 OR CTS1851*
CGS2821	Advanced Web Programming (XML, ASP.Net, SQL Server)	3.00	*Pre-Reqs: CTS1851 OR CGS1555*
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	

TOTAL　**…**　　　　　　　　　　　　**18.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Information Technology Analysis

Program Information

A.S. Certificate - Code 0903 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Jameal Adkins, Assistant Chair, 386-506-3371, adkinsja@daytonastate.edu

Linda Sullivan , 386-506-3087, sullivi@daytonastate.edu

Program Description

The certificate program in Information Technology Analysis prepares the student to review microcomputer oriented operating procedures, software applications packages, and hardware in order to select the appropriate information technology equipment for a particular microcomputer based environment; install information technology equipment, troubleshoot information technology equipment, support technology users.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

May vary from $20-$50 for each program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degree in Networking Services Technology, and some courses could be applied towards AS degrees in Computer Programming and Analysis, Computer Information Technology, Internet Services Technology, and Computer Engineering Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET2154	A+:Computer Operating Systems	4.00	
CET1600	Network Plus	4.00	
CGS2100	Microcomputer Applications	3.00	
COP1000	Principles of Computer Programming	3.00	
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*

CET1178L A+:Computer Hardware Lab 1.00 *Conc-Reqs: CET1178*
CGS2100 Microcomputer Applications 3.00
COP1000 Principles of Computer Programming 3.00

… …   2nd Semester

		SEM	
		HRS	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CET2154	A+:Computer Operating Systems	4.00	
CET1600	Network Plus	4.00	

… …   3rd Semester

		SEM
		HRS
CTS2306	Microsoft Windows Professional	4.00
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00

TOTAL   …   27.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Information Technology Management

Program Information

A.S. Certificate - Code 0904 - Catalog 2009/2010

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Linda Sullivan , 386-506-3087, sullivi@daytonastate.edu

03/25/2009 M - 18

Program Description

The certificate program in Information Technology Management prepares the students to plan, install, configure, and monitor computer networks in a LAN/WAN environment. Students will be able to understand, plan, manage and implement security in a networked environment. Students will be prepared to apply conceptual and theoretical knowledge to the workplace utilizing technical skills learned during the program.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

May vary from $20-$50 for each program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degree in Network Administrator, and some courses could be applied towards AS degrees in Computer Information Technology, Computer Engineering Technology and Electronics Engineering Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
CET2154	A+:Computer Operating Systems	4.00	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2660	Fundamentals of Network Security	4.00	*Pre-Reqs: CET1600 OR CTS2306 OR CEN2304*
CTS2328	Managing and Maintaining a Windows Network Environment	4.00	*Pre-Reqs: CTS2306*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*

CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	

… …   2nd Semester

		SEM	
		HRS	
CET2154	A+:Computer Operating Systems	4.00	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CTS2328	Managing and Maintaining a Windows Network Environment	4.00	*Pre-Reqs: CTS2306*

… …   3rd Semester

		SEM	
		HRS	
CET2660	Fundamentals of Network Security	4.00	*Pre-Reqs: CET1600 OR CTS2306 OR CEN2304*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*

TOTAL   …   30.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Information Technology Support Specialist

Program Information

A.S. Certificate - Code 0905 - Catalog 2009/2010

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Jameal Adkins, Assistant Chair, 386-506-3371, adkinsja@daytonastate.edu

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

06/23/2009 M - 39:

Program Description

The certificate program in Information Technology Support Specialist provides the student with a solid understanding of the computer hardware and software and its interaction in a networked environment. The certificate program also provides soft skills and technical skills for providing customer support in a networked office and business environment. The course content prepares students to install, troubleshoot information technology equipment and support its users.

Note: To ensure Financial Aid program eligibility, students need to also be accepted to the parallel associate degree program.

Approximate Additional Costs

May vary from $20-$50 for each program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degree in Networking Services Technology, and some courses could be applied towards AS degrees in Computer Programming and Analysis and Computer Information Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET2154	A+:Computer Operating Systems	4.00	
CET1600	Network Plus	4.00	
CGS2100	Microcomputer Applications	3.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
CGS2100	Microcomputer Applications	3.00	

… …   2nd Semester

		SEM HRS
CTS2306	Microsoft Windows Professional	4.00
CET2154	A+:Computer Operating Systems	4.00
TOTAL	**…**	**18.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Information Technology Technician

Program Information

A.S. Certificate - Code 0906 - Catalog 2009/2010

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Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

06/23/2009 M - 39.

Program Description

The certificate program in Information Technology Technician prepares the students to plan, install, configure, and monitor computer networks in a LAN/WAN environment. Students will be prepared to apply conceptual and theoretical knowledge to the workplace utilizing technical skills learned during the program.

Note: To ensure Financial Aid program eligibility, students need to also be accepted to the parallel associate degree program.

Approximate Additional Costs

May vary from $20-$50 for each program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degree in Networking Services Technology, and some courses could be applied towards AS degrees in Computer Information Technology, Computer Engineering Technology and Electronics Engineering Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
CET2154	A+:Computer Operating Systems	4.00	
CGS2100	Microcomputer Applications	3.00	
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
CGS2100	Microcomputer Applications	3.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*

EET1607L Electronics Assembly and Cabling Lab   1.00   *Conc-Reqs: EET1607*

… …   2nd Semester

		SEM HRS
CET2154	A+:Computer Operating Systems	4.00
CET1600	Network Plus	4.00
CTS2306	Microsoft Windows Professional	4.00

TOTAL   …   21.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Interior Design Technology

05/13/2009 M - 38.

Program Description

The program provides a solid foundation in the principles and elements of design with an emphasis on interior projects, including furniture arrangements, historical styles, selecting furnishing, colors, materials, accessories, and estimating for window treatments, wallpaper, and flooring. Along with knowledge of the complex and diverse interior design profession, students are given comprehensive information in how to interpret client's wants, incorporate visual and oral presentation techniques, prepare a portfolio and learn computer aided drafting. The program also emphasizes building and barrier free design and commercial and residential space planning.

If an interior design student desires the advantages of licensure, the student must first complete the AS degree program in Interior Design Technology. Upon graduation, the student must work under a licensed architect or interior designer for four years to become eligible to sit for the NCIDQ (National Council for Interior Design Qualification) exam. Upon successful completion of this exam, the student is eligible to apply for licensure in the state of Florida as an interior designer. (Only licensed designers in the state of Florida may practice commercial interior design).

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

1. Individual Art and Presentation Supplies - approx. $500.

2. A lab fee is charged for certain courses - refer to individual course descriptions.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033 OR MAC1105*
MGF2107	Mathematics for Liberal Arts	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033*

… …	**Behavioral & Human Science Core - CHOOSE ONE**	SEM HRS	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
BCN1210	Materials and Processes	3.00	
BCN1251	Architectural Drawing I	2.00	*Conc-Reqs: BCN1251L*
BCN1251L	Architectural Drawing I Lab	1.00	*Conc-Reqs: BCN1251*
BCN1253	Architectural Drawing II	2.00	*Pre-Reqs: BCN1251*
			Conc-Reqs: BCN1253L
BCN1253L	Architectural Drawing II Lab	1.00	*Conc-Reqs: BCN1253*
CGS2100	Microcomputer Applications	3.00	
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
HHD1321	Introduction to Interior Design	3.00	
HHD1361	Practical Interior Applications	3.00	
IND1001	History of Architecture and Interiors II	3.00	
IND1021	Interior Design Studio I	3.00	*Co-Reqs: BCN1251 AND BCN1251L*
			Pre-Reqs: HHD1321
IND1211	History of Architecture and Interiors I	3.00	
IND1300	Graphics of Interior Design I	3.00	
IND1429	Textiles for Commercial and Residential Interiors	3.00	
IND1432	Lighting for Interior Design	2.00	*Co-Reqs: IND1021*
IND1935	Building and Barrier Free Codes	2.00	*Pre-Reqs: BCN1251*
IND2210	Interior Design Studio II	3.00	*Pre-Reqs: IND1021*
IND2220	Commercial Interior Design	3.00	*Pre-Reqs: IND1021*
IND2501	Practices of Interior Design	4.00	*Pre-Reqs: IND1021*
IND2608	Sustainable Design	3.00	
IND2949	Cooperative Education Experience in Interior Design	4.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**First Year**		
… …	**1st Semester**		

Course	Title	SEM HRS	
BCN1251	Architectural Drawing I	2.00	*Conc-Reqs: BCN1251L*
BCN1251L	Architectural Drawing I Lab	1.00	*Conc-Reqs: BCN1251*
HHD1321	Introduction to Interior Design	3.00	
IND1211	History of Architecture and Interiors I	3.00	
IND1300	Graphics of Interior Design I	3.00	
IND1429	Textiles for Commercial and Residential Interiors	3.00	

… …	**2nd Semester**		

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
BCN1253	Architectural Drawing II	2.00	*Pre-Reqs: BCN1251*
			Conc-Reqs: BCN1253L
BCN1253L	Architectural Drawing II Lab	1.00	*Conc-Reqs: BCN1253*
IND1001	History of Architecture and Interiors II	3.00	
IND1021	Interior Design Studio I	3.00	*Co-Reqs: BCN1251 AND BCN1251L*
			Pre-Reqs: HHD1321
IND1432	Lighting for Interior Design	2.00	*Co-Reqs: IND1021*

			SEM HRS	
… …	**Summer Semester Term A - Six Weeks**			
… …	**Behavioral and Human Sciences Core**	3.00		
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00		*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00		*Conc-Reqs: ETD2320*

			SEM HRS	
… …	**Summer Semester Term B - Six Weeks**			
CGS2100	Microcomputer Applications	3.00		
… …	**MATH ELECTIVE**	3.00		

			SEM HRS	
… …	**Second Year**			
… …	**1st Semester**			
SPC2608	Oral Communications/Research/Presentation Skills	3.00		*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00		*Co-Reqs: ENC1101*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00		*Pre-Reqs: ETD2320* *Conc-Reqs: ETD2340L*
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00		*Conc-Reqs: ETD2340*
HHD1361	Practical Interior Applications	3.00		
IND2220	Commercial Interior Design	3.00		*Pre-Reqs: IND1021*
IND2608	Sustainable Design	3.00		

			SEM HRS	
… …	**2nd Semester**			
BCN1210	Materials and Processes	3.00		
IND2210	Interior Design Studio II	3.00		*Pre-Reqs: IND1021*
IND1935	Building and Barrier Free Codes	2.00		*Pre-Reqs: BCN1251*
IND2501	Practices of Interior Design	4.00		*Pre-Reqs: IND1021*
IND2949	Cooperative Education Experience in Interior Design	4.00		
TOTAL	…	**75.00**		

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Interior Design Technology

Program Information

A.A.S. Degree - Code 3515 - Catalog 2009/2010

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Program Description

The program provides a solid foundation in the principles and elements of design with an emphasis on interior projects, including furniture arrangements, historical styles, selecting furnishing, colors, materials, accessories, and estimating for window treatments, wallpaper, and flooring. Along with knowledge of the complex and diverse interior design profession, students are given comprehensive information in how to interpret client's wants, incorporate visual and oral presentation techniques, prepare a portfolio and learn computer aided drafting. The program also emphasizes building and barrier free design and commercial and residential space planning.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Additional Lab fees for individual art and presentation supplies - approximately $500.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
… …	**Behavioral & Human Sciences Core- CHOOSE ONE**		
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title

BCN1210	Materials and Processes	3.00	
BCN1251	Architectural Drawing I	2.00	*Conc-Reqs: BCN1251L*
BCN1251L	Architectural Drawing I Lab	1.00	*Conc-Reqs: BCN1251*
BCN1253	Architectural Drawing II	2.00	*Pre-Reqs: BCN1251*
			Conc-Reqs: BCN1253L
BCN1253L	Architectural Drawing II Lab	1.00	*Conc-Reqs: BCN1253*
CGS2100	Microcomputer Applications	3.00	
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
HHD1321	Introduction to Interior Design	3.00	
HHD1361	Practical Interior Applications	3.00	
IND1001	History of Architecture and Interiors II	3.00	
IND1021	Interior Design Studio I	3.00	*Co-Reqs: BCN1251 AND BCN1251L*
			Pre-Reqs: HHD1321
IND1211	History of Architecture and Interiors I	3.00	
IND1300	Graphics of Interior Design I	3.00	
IND1429	Textiles for Commercial and Residential Interiors	3.00	
IND1432	Lighting for Interior Design	2.00	*Co-Reqs: IND1021*
IND1935	Building and Barrier Free Codes	2.00	*Pre-Reqs: BCN1251*
IND2210	Interior Design Studio II	3.00	*Pre-Reqs: IND1021*
IND2220	Commercial Interior Design	3.00	*Pre-Reqs: IND1021*
IND2501	Practices of Interior Design	4.00	*Pre-Reqs: IND1021*
IND2608	Sustainable Design	3.00	
IND2949	Cooperative Education Experience in Interior Design	3.00	

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**		

SEM
HRS

BCN1251	Architectural Drawing I	2.00	*Conc-Reqs: BCN1251L*
BCN1251L	Architectural Drawing I Lab	1.00	*Conc-Reqs: BCN1251*
CGS2100	Microcomputer Applications	3.00	
HHD1321	Introduction to Interior Design	3.00	
IND1211	History of Architecture and Interiors I	3.00	
IND1300	Graphics of Interior Design I	3.00	
IND1429	Textiles for Commercial and Residential Interiors	3.00	

| … … | **2nd Semester** | | |

SEM
HRS

ENC1101	College Composition	3.00	
BCN1253	Architectural Drawing II	2.00	*Pre-Reqs: BCN1251*
			Conc-Reqs: BCN1253L
BCN1253L	Architectural Drawing II Lab	1.00	*Conc-Reqs: BCN1253*
IND1001	History of Architecture and Interiors II	3.00	
IND1021	Interior Design Studio I	3.00	*Co-Reqs: BCN1251 AND BCN1251L*
			Pre-Reqs: HHD1321
IND1432	Lighting for Interior Design	2.00	*Co-Reqs: IND1021*

| … … | **Summer Semester** | | |
| … … | **Term A** | | |

			SEM HRS	
… …	**Behavioral & Human Sciences Core**		3.00	
ETD2320	Computer Aided Drafting I (AutoCAD)		2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab		1.00	*Conc-Reqs: ETD2320*

… …	**Term A - 10 Weeks**		

			SEM HRS	
MAT1033	Intermediate Algebra		4.00	*Pre-Reqs: MAT0024*

… …	**Second Year**	
… …	**1st Semester**	

			SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills		3.00	*Pre-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core**		3.00	
ETD2340	Computer Aided Drafting II (AutoCAD)		2.00	*Pre-Reqs: ETD2320* *Conc-Reqs: ETD2340L*
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab		1.00	*Conc-Reqs: ETD2340*
HHD1361	Practical Interior Applications		3.00	
IND2220	Commercial Interior Design		3.00	*Pre-Reqs: IND1021*
IND2608	Sustainable Design		3.00	

… …	**2nd Semester**	

			SEM HRS	
BCN1210	Materials and Processes		3.00	
IND1935	Building and Barrier Free Codes		2.00	*Pre-Reqs: BCN1251*
IND2210	Interior Design Studio II		3.00	*Pre-Reqs: IND1021*
IND2501	Practices of Interior Design		4.00	*Pre-Reqs: IND1021*
IND2949	Cooperative Education Experience in Interior Design		3.00	

TOTAL	…		**75.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. MAT1033 fulfills general education requirements for AAS degree programs only.

Internet Services Technology

Program Description

The Internet Services Technology program provides students with the technical credentials needed for Internet-related careers in planning, building, maintaining and managing interactive Web sites. First, this program helps students learn the fundamentals of computers, operating systems, programming and graphic design. Then, this program directs students into the planning, building and managing of Web pages and sites. Finally, this program helps students learn the knowledge that is essential for the management of Web servers.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*

… …	**Behavioral & Human Scieces Core-CHOOSE ONE:**	SEM HRS	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… …	**Humanities, Cultural and Aesthetic Core-CHOOSE ONE**	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CET1600	Network Plus	4.00	
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
CGS2820	Web Programming (JavaScript, Ajax, ASP.Net)	3.00	*Co-Reqs: COP1000* *Pre-Reqs: CGS1555 AND COP1000 OR CTS1851*
CGS2821	Advanced Web Programming (XML, ASP.Net, SQL Server)	3.00	*Pre-Reqs: CTS1851 OR CGS1555*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
COP1000	Principles of Computer Programming	3.00	
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	
CTS2402	Visual Basic Programming **OR**	3.00	*Pre-Reqs: COP1000*
COP2800	Computer Programming "Java"	3.00	*Pre-Reqs: COP1000*
COP2700	Introduction to Database Management	3.00	
COP2510	Software Design and Development I	3.00	*Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010*
COP2831	Web Scripting (PHP)	3.00	*Pre-Reqs: CGS2820*
DIG1109	Digital Imaging Fundamentals	3.00	
DIG2100	Web Design I	3.00	*Pre-Reqs: DIG1109*
COP2850	Web Programming Project	3.00	
… …	**Computer Elective**	3.00	
… …	**Computer Elective**	3.00	

Course	Title	SEM HRS	
… …	**Computer Elective-CHOOSE FROM:**		
CAP2023	Introduction to Game Programming	3.00	
CGS2100	Microcomputer Applications	3.00	
CTS2431	Data Organization and Management	2.00	*Co-Reqs: COP1000 Conc-Reqs: CTS2431L*
CTS2431L	Data Organization and Management Lab	1.00	*Conc-Reqs: CTS2431*
CTS2306	Microsoft Windows Professional	4.00	
CET2660	Fundamentals of Network Security	4.00	*Pre-Reqs: CET1600 OR CTS2306 OR CEN2304*
COP2001	Computer Programming "C++"	2.00	*Pre-Reqs: COP1000* *Conc-Reqs: COP2001L*
COP2001L	Computer Programming "C++" Lab	1.00	*Conc-Reqs: COP2001*
COP2220	Computer Programming "C"	3.00	*Pre-Reqs: COP1000 OR MAC1105*
COP2833	Web Application Development - ActionScripting	3.00	*Pre-Reqs: COP1000*
COP2905	Directed Study in Computer Programming	4.00	
EGS1000	Professional Performance for Technicians	3.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**First Year**		
… …	**1st Semester**		
ENC1101	College Composition	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
COP1000	Principles of Computer Programming	3.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
… …	**2nd Semester**		
… …	**Behavioral & Human Sciences Core**	3.00	
COP2700	Introduction to Database Management	3.00	
CGS2820	Web Programming (JavaScript, Ajax, ASP.Net)	3.00	*Co-Reqs: COP1000* *Pre-Reqs: CGS1555 AND COP1000 OR CTS1851*
CTS2402	Visual Basic Programming **OR**	3.00	*Pre-Reqs: COP1000*

| COP2800 | Computer Programming "Java" | 3.00 | *Pre-Reqs: COP1000* |
| DIG1109 | Digital Imaging Fundamentals | 3.00 | |

… …	**Summer Semester**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

| … … | **Second Year** | | |
| | | **SEM HRS** | |

… …	**1st Semester**		
… …	**HUMANITIES, CULTURAL & AESTHETIC CORE**	3.00	
CGS2821	Advanced Web Programming (XML, ASP.Net, SQL Server)	3.00	*Pre-Reqs: CTS1851 OR CGS1555*
CET1600	Network Plus	4.00	
COP2831	Web Scripting (PHP)	3.00	*Pre-Reqs: CGS2820*
DIG2100	Web Design I	3.00	*Pre-Reqs: DIG1109*

… …	**2nd Semester**		
		SEM HRS	
COP2850	Web Programming Project	3.00	
COP2510	Software Design and Development I	3.00	*Pre-Reqs: COP2800 OR COP2001 OR COP2220 OR CTS2402 OR COP2010*
… …	**Computer Elective**	3.00	
… …	**Computer Elective**	3.00	
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	

| **TOTAL** | **…** | **63.00** | |

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Law Enforcement Recruit Training (Limited Access Program)

Program Information

Vocational Certificate - Code 1051 - Catalog 2009/2010

Patricia Lane, Senior Staff Assistant, 386-506-3450

Sheila Ellison, Assistant Chair, 386-506-3882

Program Description

The program is designed for the student who intends to become either a full-time or part-time police officer. Students learn the tasks, duties and responsibilities of law enforcement officers to prevent and detect crime and to enforce the criminal, non-criminal and traffic laws of the state. Florida statute requires this certificate of completion for certification as a law enforcement officer. Job Title: Police Officer.

This program is certified by the Criminal Justice Standards and Training Commission, Florida Department of Law Enforcement.

Graduates of the program are eligible to take the Florida Department of Law Enforcement examination for police officer certification/employment.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees - $ 570

Physical Exam - $ 150 to $ 250

Equipment/Uniforms - $ 400

State Exam - $ 100

Additional Admission Requirements

Complete a Criminal Justice Training Center Application.

Completion of the Basic Abilities Test (BAT) and score a minimum of 79%.

Completion of the Test for Adult Basic Education (TABE) and score a minimum of 10.0 on each section.

Must attend the Criminal Justice Training Center Orientation.

Satisfactory results of a Florida Department of Law Enforcement background check.

Must be able to meet minimum standards for the Florida Department of Law Enforcement as set forth in Florida Statute 943.

...Be at least 19 years of age prior to graduation of program.

...Be a citizen of the United States.

...High School Diploma or GED.

...Not have been convicted of any felony, or a misdemeanor involving perjury or false statement. Any person who after July 1, 1981, pleads guilty or nolo-contendere to, or is found guilty of a felony or of a misdemeanor involving perjury or false statement shall not be eligible for employment or appointment as an officer, notwithstanding suspension of sentence or withholding of adjudication.

Never have received a dishonorable discharge from any of the Armed Forces of the United States.

...Be of good moral character.

...Currently possess a valid Driver's License.

...Must be able to pass a physical examination by a licensed physician to include an EKG and drug screen.

...Students will be required to wear uniforms.

...Students will be held accountable for the policy and procedures of the Criminal Justice Training Center program as outlined in the CJTC student policy/rule book, as well as the college student handbook.

Program Specific Courses

Course	Title	VOC HRS

CJK0007	Introduction to Law Enforcement	0.37
CJK0008	Law Enforcement Legal	2.30
CJK0017	Law Enforcement Communications	2.53
CJK0011	Human Issues in Law Enforcement	1.33
CJK0061	Law Enforcement Patrol I	1.93
CJK0062	Law Enforcement Patrol II	1.33
CJK0076	Law Enforcement Crime Scene Investigations	0.80
CJK0071	Criminal Investigations	1.87
CJK0082	Law Enforcement Traffic Stops	0.80
CJK0083	Law Enforcement DUI Traffic Stops	0.80
CJK0086	Law Enforcement Traffic Crash Investigations	1.07
CJK0020	CMS Law Enforcement Vehicle Operations	1.60
CJK0031	CMS First Aid for Criminal Justice Officers	1.33
CJK0040	CMS Criminal Justice Firearms	2.67
CJK0051	Criminal Justice Defensive Tactics	2.67
CJK0422	Dart Stun Gun Firing	0.27
CJK0096	Law Enforcement Officer Physical Fitness Training	2.00

Sample Program of Study

Course	Title	VOC HRS
CJK0007	Introduction to Law Enforcement	0.37
CJK0008	Law Enforcement Legal	2.30
CJK0017	Law Enforcement Communications	2.53
CJK0011	Human Issues in Law Enforcement	1.33
CJK0061	Law Enforcement Patrol I	1.93
CJK0062	Law Enforcement Patrol II	1.33
CJK0076	Law Enforcement Crime Scene Investigations	0.80
CJK0071	Criminal Investigations	1.87
CJK0082	Law Enforcement Traffic Stops	0.80
CJK0083	Law Enforcement DUI Traffic Stops	0.80
CJK0086	Law Enforcement Traffic Crash Investigations	1.07
CJK0020	CMS Law Enforcement Vehicle Operations	1.60
CJK0031	CMS First Aid for Criminal Justice Officers	1.33
CJK0040	CMS Criminal Justice Firearms	2.67
CJK0051	Criminal Justice Defensive Tactics	2.67
CJK0422	Dart Stun Gun Firing	0.27
CJK0096	Law Enforcement Officer Physical Fitness Training	2.00
TOTAL	VOC. CRS.	**25.67**
TOTAL	CONTACT HRS.	**770.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Manufacturing Technology

Program Information

A.A.S. Degree - Code 3529 - Catalog 2009/2010

Roger Rowan, Chairperson, 386-506-4171, rowanr@daytonastate.edu

Sylvia Zuelch, Administrative Assistant, 386-506-4165, zuelchs@daytonastate.edu

Program Description

Graduates from the program will be able to pursue jobs in the manufacturing field such as machinist, engineer technician, programmers, operators, and design technicians and in quality control. Most of the courses in this program can be applied toward the associate of applied science degree in Drafting and Design Technology (CAD) and Industrial Management Technology.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAT1033	*ı*Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
… …	**Behavioral & Human Sciences Core - CHOOSE ONE**		
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CGS2100	Microcomputer Applications	3.00	
EGS1110	Engineering Drawing	2.00	*Conc-Reqs: EGS1110L*

EGS1110L	Engineering Drawing Lab	1.00	*Conc-Reqs: EGS1110*
ETD2218	Geometric Tolerancing	2.00	*Pre-Reqs: EGS1110*
			Conc-Reqs: ETD2218L
ETD2218L	Geometric Tolerancing Lab	1.00	*Conc-Reqs: ETD2218*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
ETD2465	Tool Design	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2465L
ETD2465L	Tool Design Lab	1.00	*Conc-Reqs: ETD2465*
PMT1212	Machine Tool Technology I	2.00	*Conc-Reqs: PMT1212L*
PMT1212L	Machine Tool Technology I Lab	1.00	*Conc-Reqs: PMT1212*
PMT1223	Machine Tool Technology II	2.00	*Conc-Reqs: PMT1223L*
PMT1223L	Machine Tool Technology II Lab	1.00	*Conc-Reqs: PMT1223*
PMT1250	Introduction to Computer Numerical Control	2.00	*Conc-Reqs: PMT1250L*
PMT1250L	Introduction to Computer Numerical Control	1.00	*Conc-Reqs: PMT1250*
PMT2225	Machine Tool Technology III	2.00	*Conc-Reqs: PMT2225L*
PMT2225L	Machine Tool Technology III Lab	1.00	*Conc-Reqs: PMT2225*
PMT2254	CNC Programming II	2.00	*Conc-Reqs: PMT2254L*
PMT2254L	CNC Programming II Lab	1.00	*Conc-Reqs: PMT2254*
PMT2261	Introduction to Computer Aided Manufacturing (Mastercam)	2.00	*Conc-Reqs: PMT2261L*
PMT2261L	Introduction to Computer Aided Manufacturing (Mastercam) Lab	1.00	*Conc-Reqs: PMT2261*
PMT2262	CAD/CAM II (Mastercam)	2.00	*Conc-Reqs: PMT2262L*
PMT2262L	CAD/CAM II (Mastercam) Lab	1.00	*Conc-Reqs: PMT2262*
PMT2720	EDM Machining Process	2.00	*Conc-Reqs: PMT2720L*
PMT2720L	EDM Machining Process Lab	1.00	*Conc-Reqs: PMT2720*
PMT2949	Cooperative Education Experience in Machining	3.00	

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**		
		SEM HRS	
ENC1101	College Composition	3.00	
CGS2100	Microcomputer Applications	3.00	
EGS1110	Engineering Drawing	2.00	*Conc-Reqs: EGS1110L*
EGS1110L	Engineering Drawing Lab	1.00	*Conc-Reqs: EGS1110*
PMT1212	Machine Tool Technology I	2.00	*Conc-Reqs: PMT1212L*
PMT1212L	Machine Tool Technology I Lab	1.00	*Conc-Reqs: PMT1212*

… …	**2nd Semester**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
ETD2320	Computer Aided Drafting I (AutoCAD)	2.00	*Conc-Reqs: ETD2320L*
ETD2320L	Computer Aided Drafting I (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2320*
PMT1223	Machine Tool Technology II	2.00	*Conc-Reqs: PMT1223L*
PMT1223L	Machine Tool Technology II Lab	1.00	*Conc-Reqs: PMT1223*
PMT1250	Introduction to Computer Numerical Control	2.00	*Conc-Reqs: PMT1250L*
PMT1250L	Introduction to Computer Numerical Control	1.00	*Conc-Reqs: PMT1250*

		SEM HRS	
… …	**Summer Semester**		
… …	**Behavioral & Human Sciences Core**	3.00	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
… …	**Second Year**		
… …	**1st Semester**		
		SEM HRS	
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*
ETD2465	Tool Design	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2465L
ETD2465L	Tool Design Lab	1.00	*Conc-Reqs: ETD2465*
PMT2254	CNC Programming II	2.00	*Conc-Reqs: PMT2254L*
PMT2254L	CNC Programming II Lab	1.00	*Conc-Reqs: PMT2254*
PMT2720	EDM Machining Process	2.00	*Conc-Reqs: PMT2720L*
PMT2720L	EDM Machining Process Lab	1.00	*Conc-Reqs: PMT2720*
… …	**2nd Semester**		
		SEM HRS	
ETD2218	Geometric Tolerancing	2.00	*Pre-Reqs: EGS1110*
			Conc-Reqs: ETD2218L
ETD2218L	Geometric Tolerancing Lab	1.00	*Conc-Reqs: ETD2218*
ETD2340	Computer Aided Drafting II (AutoCAD)	2.00	*Pre-Reqs: ETD2320*
			Conc-Reqs: ETD2340L
ETD2340L	Computer Aided Drafting II (AutoCAD) Lab	1.00	*Conc-Reqs: ETD2340*
PMT2225	Machine Tool Technology III	2.00	*Conc-Reqs: PMT2225L*
PMT2225L	Machine Tool Technology III Lab	1.00	*Conc-Reqs: PMT2225*
PMT2261	Introduction to Computer Aided Manufacturing (Mastercam)	2.00	*Conc-Reqs: PMT2261L*
PMT2261L	Introduction to Computer Aided Manufacturing (Mastercam) Lab	1.00	*Conc-Reqs: PMT2261*
PMT2262	CAD/CAM II (Mastercam)	2.00	*Conc-Reqs: PMT2262L*
PMT2262L	CAD/CAM II (Mastercam) Lab	1.00	*Conc-Reqs: PMT2262*
PMT2949	Cooperative Education Experience in Machining	3.00	
TOTAL	**…**	**64.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1 MAT1033 fulfills the general education requirements for AAS degree programs only.

Massage Therapy (Limited Access Program)

Program Description

This program is designed to provide students with the knowledge and skills in Massage Therapy so they may be prepared to take the National Certification Examination for Therapeutic Massage and Bodywork. This is required for licensure in the state of Florida as well as several other states. Areas to be covered in the program are: Anatomy and Physiology, History of Massage, Hydrotherapy, Allied Modalities, Theory and Practicum, Florida Statutes, Professional Ethics, Pathology, Professional and Personal Development, Medical Errors and HIV/AIDS training. Students must obtain and provide proof of BLS training before graduation. Job Title: Massage Therapist.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs
Lab Fees - $50
Textbooks - $400
Uniforms - $50
Laboratory Supplies - $25
Licensure Fees - $430
FDLE Background Screening $24
Graduation fee - $10

Additional Admission Requirements
-Attend mandatory program orientation.

-High school diploma or equivalent (GED).

-Must be 18 years of age or older.

-Scores on the placement test for vocational programs which indicate language, reading, and arithmetic ability at the10th grade level or above.

-Submit completed application to the School of Health Careers and Human Services.

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance contingent upon satisfactory results of the FDLE screening.

-Selection is made once per year based on the date of the School of Health Careers and Human Services application. This is based on first come, first served.

-Program specific courses must be completed with a grade C or better.

Careers
Massage Therapist

Program Specific Courses

Course	Title	VOC HRS	
HSC0005	Healthcare Concepts for the Massage Therapist	3.00	
MSS0156	Anatomy and Physiology for Massage Therapist I	2.50	
MSS0157	Anatomy and Physiology Massage Therapist II	2.50	*Pre-Reqs: MSS0156*
MSS0215	Statutes/Rules and Ethics	0.33	
MSS0274	PathologyRelated to Massage Therapy	1.50	
MSS0283	Allied Modalities I	1.70	
MSS0284	Allied Modalities II	1.70	*Pre-Reqs: MSS0283*
MSS0315	Theory and Practice of Hydrotherapy	0.67	
MSS0601	Professional and Personal Development	0.50	
MSS0803	Massage Theory and Clinical Practicum I	1.25	*Conc-Reqs: MSS0803L*
MSS0803L	Massage Theory and Clinical Practicum I Lab	4.05	*Conc-Reqs: MSS0803*
MSS0804	Massage Theory and Practicum II	1.25	*Pre-Reqs: MSS0803* *Conc-Reqs: MSS0804L*
MSS0804L	Massage Theory and Practicum II Lab	4.05	*Conc-Reqs: MSS0804*

Sample Program of Study

Course	Title	VOC HRS	
… …	**1st Semester - Fall**		
HSC0005	Healthcare Concepts for the Massage Therapist	3.00	
MSS0156	Anatomy and Physiology for Massage Therapist I	2.50	
MSS0283	Allied Modalities I	1.70	
MSS0215	Statutes/Rules and Ethics	0.33	
MSS0803	Massage Theory and Clinical Practicum I	1.25	*Conc-Reqs: MSS0803L*
MSS0803L	Massage Theory and Clinical Practicum I Lab	4.05	*Conc-Reqs: MSS0803*

Course	Title	VOC HRS	
… …	**2nd Semester - Spring**		
MSS0157	Anatomy and Physiology Massage Therapist II	2.50	*Pre-Reqs: MSS0156*
MSS0601	Professional and Personal Development	0.50	
MSS0274	PathologyRelated to Massage Therapy	1.50	
MSS0284	Allied Modalities II	1.70	*Pre-Reqs: MSS0283*
MSS0804	Massage Theory and Practicum II	1.25	*Pre-Reqs: MSS0803* *Conc-Reqs: MSS0804L*
MSS0804L	Massage Theory and Practicum II Lab	4.05	*Conc-Reqs: MSS0804*
MSS0315	Theory and Practice of Hydrotherapy	0.67	

TOTAL	VOC. HRS.	**25.00**
TOTAL	CONTACT HRS.	**750.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Medical Assisting (Limited Access Program)

Program Information

Vocational Certificate - Code 1023 - Catalog 2009/2010

Tamara Mottler, Assistant Chair, 386-506-3215, mottlet@daytonastate.edu

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

The program prepares students to work in the multi-skilled field of medical assisting. Students are prepared to assist in all aspects of medical practice administratively and clinically under the supervision of a physician. Instruction covers terminology, anatomy and physiology, coding, pharmacology, medical office laboratory procedures, diet and nutrition, and radiography. Clinical experiences will be provided in physician offices, ambulatory care centers and clinics. Job title: Medical Assistant.

The Medical Assisting Program Daytona Beach Campus is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Medical Assisting Educational Review Board (MAERB). Information may be obtained from CAAHEP, 1361 Park Street, Clearwater, FL 33756; (727) 210-2350 and AAMAE, 20 N. Wacker Dr., Ste. 1575,Chicago, IL 60606; (312) 899-1500.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees - $68.50

Textbooks - $175

Uniforms - $125

Laboratory Supplies - $60

Graduation Fee - $10

FDLE Background Screening - $24

Certification Exam Fee - $125

Additional Admission Requirements

-High School Diploma or equivalent (GED)

-Scores on the placement test for vocational programs which indicate language, reading, and arithmetic ability at the 10th grade level or better.

-Submit completed application to the School of Health Careers and Human Services.

-Applications are accepted anytime during the year.

-Selection is made once per year based on cumulative GPA of at least 2.0 or better and completion of pre-requisite course with a grade of C or better.

-Effective fall 2010, Introduction to Medical Assisting Fundamentals (MEA 0005) must be completed as a pre-requisite course.

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance contingent upon satisfactory results of the FDLE screening.

-Basic Cardiac Life Support for Health Care Provider and AED through American Heart Association or American Red Cross.

-Program specific courses must be completed with a grade 'C' or better.

-Attend mandatory program information session.

<u>**Careers**</u>

Medical Assistant

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

<u>**Program Specific Courses**</u>

Course	Title	VOC HRS	
MEA0005	Introduction to Medical Assisting	4.03	
MEA0230	Medical Terminology for Medical Assisting	3.33	*Co-Reqs: MEA0230 AND MEA0258 AND MEA0204* *Pre-Reqs: MEA0005* *Conc-Reqs: MEA0230L*
MEA0230L	Medical Terminology for Medical Assisting Lab	0.67	*Conc-Reqs: MEA0230*
MEA0231	Anatomy and Physiology for Medical Assisting	3.33	*Co-Reqs: MEA0230 AND MEA0231 AND MEA0204* *Pre-Reqs: MEA0005* *Conc-Reqs: MEA0231L*
MEA0231L	Anatomy and Physiology for Medical Assisting Lab	2.67	*Conc-Reqs: MEA0231*
MEA0242	Pharmacology for Medical Assisting	1.00	*Co-Reqs: MEA0310 AND MEA0256* *Pre-Reqs: MEA0258 AND MEA0231 AND MEA0204 AND MEA0230* *Conc-Reqs: MEA0242L*
MEA0242L	Pharmacology for Medical Assisting Lab	3.00	*Conc-Reqs: MEA0242*
MEA0204	Clinical Procedures for Medical Assisting	1.66	*Co-Reqs: MEA0230 AND MEA0204 AND MEA0231* *Pre-Reqs: MEA0005* *Conc-Reqs: MEA0204L*
MEA0204L	Clinical Procedures for Medical Assisting Lab	3.34	*Conc-Reqs: MEA0204*
MEA0256	Laboratory Procedures for Medical Assisting	2.66	*Co-Reqs: MEA0242 AND MEA0310* *Pre-Reqs: MEA0204 AND MEA0231 AND MEA0258 AND MEA0230* *Conc-Reqs: MEA0256L*
MEA0256L	Laboratory Procedures for Medical Assisting Lab	3.64	*Conc-Reqs: MEA0256*
MEA0258	Radiology for Medical Assisting	1.00	*Co-Reqs: MEA0230 AND MEA0204 AND MEA0258* *Pre-Reqs: MEA0005* *Conc-Reqs: MEA0258L*
MEA0258L	Radiology for Medical Assisting Lab	1.00	*Conc-Reqs: MEA0258*
MEA0310	Clerical Procedures for Medical Assisting	2.00	*Co-Reqs: MEA0242 AND MEA0256* *Pre-Reqs: MEA0258 AND MEA0231 AND MEA0204 AND MEA0230* *Conc-Reqs: MEA0310L*
MEA0310L	Clerical Procedures for Medical Assisting Lab	2.00	*Conc-Reqs: MEA0310*
MEA0801	Externship for Medical Assisting	8.00	*Pre-Reqs: MEA0242 AND MEA0310 AND MEA0256*

<u>**Sample Program of Study**</u>

Course	Title	VOC HRS
… …	**Pre-requisite Course**	
MEA0005	Introduction to Medical Assisting	4.03
… …	**1st Semester - Fall**	
		VOC HRS

MEA0230	Medical Terminology for Medical Assisting	3.33	*Co-Reqs: MEA0230 AND MEA0258 AND MEA0204*
			Pre-Reqs: MEA0005
			Conc-Reqs: MEA0230L
MEA0230L	Medical Terminology for Medical Assisting Lab	0.67	*Conc-Reqs: MEA0230*
MEA0231	Anatomy and Physiology for Medical Assisting	3.33	*Co-Reqs: MEA0230 AND MEA0231 AND MEA0204*
			Pre-Reqs: MEA0005
			Conc-Reqs: MEA0231L
MEA0231L	Anatomy and Physiology for Medical Assisting Lab	2.67	*Conc-Reqs: MEA0231*
MEA0204	Clinical Procedures for Medical Assisting	1.66	*Co-Reqs: MEA0230 AND MEA0204 AND MEA0231*
			Pre-Reqs: MEA0005
			Conc-Reqs: MEA0204L
MEA0204L	Clinical Procedures for Medical Assisting Lab	3.34	*Conc-Reqs: MEA0204*
MEA0258	Radiology for Medical Assisting	1.00	*Co-Reqs: MEA0230 AND MEA0204 AND MEA0258*
			Pre-Reqs: MEA0005
			Conc-Reqs: MEA0258L
MEA0258L	Radiology for Medical Assisting Lab	1.00	*Conc-Reqs: MEA0258*

… …	**2nd Semester - Spring**		
		VOC	
		HRS	
MEA0242	Pharmacology for Medical Assisting	1.00	*Co-Reqs: MEA0310 AND MEA0256*
			Pre-Reqs: MEA0258 AND MEA0231 AND MEA0204 AND MEA0230
			Conc-Reqs: MEA0242L
MEA0242L	Pharmacology for Medical Assisting Lab	3.00	*Conc-Reqs: MEA0242*
MEA0310	Clerical Procedures for Medical Assisting	2.00	*Co-Reqs: MEA0242 AND MEA0256*
			Pre-Reqs: MEA0258 AND MEA0231 AND MEA0204 AND MEA0230
			Conc-Reqs: MEA0310L
MEA0310L	Clerical Procedures for Medical Assisting Lab	2.00	*Conc-Reqs: MEA0310*
MEA0256	Laboratory Procedures for Medical Assisting	2.66	*Co-Reqs: MEA0242 AND MEA0310*
			Pre-Reqs: MEA0204 AND MEA0231 AND MEA0258 AND MEA0230
			Conc-Reqs: MEA0256L
MEA0256L	Laboratory Procedures for Medical Assisting Lab	3.64	*Conc-Reqs: MEA0256*

… …	**3rd Semester - Summer**		
		VOC	
		HRS	
MEA0801	Externship for Medical Assisting	8.00	*Pre-Reqs: MEA0242 AND MEA0310 AND MEA0256*

| **TOTAL** | VOC. HRS. | **43.33** | |
| **TOTAL** | CONTACT HRS. | **1300.00** | |

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Medical Information Coder Biller (Limited Access Program)

Program Information

A.S. Certificate - Code 0912 - Catalog 2009/2010

Linda Moss, Faculty, 386-506-3756, vail.moss@mindspring.com

Nancy Thomas, Assistant Chair, 386-506-3748

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

05/08/2009 M - 38

Program Description

This certificate program prepares students for entry-level employment as a medical coder/biller in ambulatory, physician office, and hospital outpatient settings. The Medical Information Coder/Biller is responsible for translating diagnostic and procedural narrative from the medical record into numeric codes. Credits earned in this certificate program may be applied toward the AAS degree in Health Information Management. Graduates are eligible to take applicable credentialing examinations.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees (including liability insurance) - $20

Textbooks - $500.

Graduation Fee - $10

FDLE Background Screening - $24

Additional Admission Requirements

- To be eligible for admission, the student must qualify for ENC 1101 (College Composition) and MAT 1033 (Intermediate Algebra). This eligibility can be met through assessment results or course work.

- Program prerequisite (course must be completed with a grade of 'C' or better): HSC1531 (Medical Terminology).

- Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class.

- High School Diploma or equivalent GED.

- Submit completed application to the School of Health Careers and Human Services. Applications are accepted anytime during the year. Selections are made once per year. Effective Fall 2010, applicants with a Cumulative GPA of 2.5 or higher will be given priority acceptance.

- A physical examination is required prior to entering the clinical setting.

- All courses must be completed with a 'C' or better.

Careers

Medical Coder

Medical Biller

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS

ENC1101	College Composition	3.00	
BSC1020	Human Biology	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
HSC1531	Medical Terminology	4.00	
HIM1000	Introduction to Health Information Management	2.00	*Pre-Reqs: HSC1531* *Conc-Reqs: HIM1000L*
HIM1000L	Introduction to Health Information Management Lab	1.00	*Conc-Reqs: HIM1000*
HIM1222	Beginning ICD-9 Coding	3.00	*Co-Reqs: HIM1000* *Pre-Reqs: HSC1531* *Conc-Reqs: HIM1222L*
HIM1222L	Beginning ICD-9 Coding Lab	1.00	*Conc-Reqs: HIM1222*
HIM1273	Billing and Reinbursement Methods	1.00	*Conc-Reqs: HIM1273L*
HIM1273L	Billing and Reinbursement Methods Lab	1.00	*Conc-Reqs: HIM1273*
HIM2012	Legal Aspects of Health Records	2.00	*Pre-Reqs: HIM1000*
HIM2234	Advanced ICD-9 Coding	3.00	*Pre-Reqs: HIM1222* *Conc-Reqs: HIM2234L*
HIM2234L	Advanced ICD-9 Coding Lab	1.00	*Conc-Reqs: HIM2234*
HIM2253	Beginning CPT Coding	2.00	*Pre-Reqs: HIM1222 AND HSC1531* *Conc-Reqs: HIM2253L*
HIM2253L	Beginning CPT Coding Lab	1.00	*Conc-Reqs: HIM2253*
HIM2430	Concepts of Diseases	4.00	*Co-Reqs: HIM2442* *Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020*
HIM2442	Pharmacology and Lab	1.00	*Co-Reqs: HIM2430*
HIM2800	Coding Professional Practice Experience I	1.00	*Pre-Reqs: HIM2253*

Sample Program of Study

Course	Title		
… …	**Pre-Requisite Course**	SEM HRS	
HSC1531	Medical Terminology	4.00	

Course	Title		
… …	**1st Semester - Spring**	SEM HRS	
ENC1101	College Composition	3.00	
BSC1020	Human Biology	3.00	*Co-Reqs: ENC1101*
HIM1000	Introduction to Health Information Management	2.00	*Pre-Reqs: HSC1531* *Conc-Reqs: HIM1000L*
HIM1000L	Introduction to Health Information Management Lab	1.00	*Conc-Reqs: HIM1000*
HIM1222	Beginning ICD-9 Coding	3.00	*Co-Reqs: HIM1000* *Pre-Reqs: HSC1531* *Conc-Reqs: HIM1222L*
HIM1222L	Beginning ICD-9 Coding Lab	1.00	*Conc-Reqs: HIM1222*

Course	Title		
… …	**2nd Semester - Summer**	SEM HRS	
HIM2012	Legal Aspects of Health Records	2.00	*Pre-Reqs: HIM1000*
HIM2253	Beginning CPT Coding	2.00	*Pre-Reqs: HIM1222 AND HSC1531* *Conc-Reqs: HIM2253L*
HIM2253L	Beginning CPT Coding Lab	1.00	*Conc-Reqs: HIM2253*

… …   **3rd Semester - Fall**

		SEM	
		HRS	
HIM1273	Billing and Reinbursement Methods	1.00	*Conc-Reqs: HIM1273L*
HIM1273L	Billing and Reinbursement Methods Lab	1.00	*Conc-Reqs: HIM1273*
HIM2234	Advanced ICD-9 Coding	3.00	*Pre-Reqs: HIM1222*
			Conc-Reqs: HIM2234L
HIM2234L	Advanced ICD-9 Coding Lab	1.00	*Conc-Reqs: HIM2234*
HIM2430	Concepts of Diseases	4.00	*Co-Reqs: HIM2442*
			Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020
HIM2442	Pharmacology and Lab	1.00	*Co-Reqs: HIM2430*
HIM2800	Coding Professional Practice Experience I	1.00	*Pre-Reqs: HIM2253*

TOTAL   **34.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Medical Record Transcribing

Program Information

Applied Tech. Diploma - Code 0920 - Catalog 2009/2010

Nancy Thomas, Assistant Chair, 386-506-3748

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

The program provides a solid foundation in medical office procedures, as well as medical typing and transcription. Students learn a variety of business software and office equipment including transcribers. This certificate will articulate into the Office Administration (Medical Transcription Option) associate of applied science (AAS) degree. See the department chairperson for more information.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Textbooks - $200

Lab Fees - $20

Graduation Fee - $25

Additional Admission Requirements

-High School Diploma or equivalent (GED)

-Scores on the Daytona State placement test for college credit programs that indicate language and reading ability level at the English I level.

-Program specific courses and general education courses must be completed with a grade 'C' or better.

Program Specific Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085* *Conc-Reqs: BSC1086L*
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L* *Conc-Reqs: BSC1086*
HIM1031	Medical Record Transcription I	1.00	*Pre-Reqs: OST1100 AND HSC1531* *Conc-Reqs: HIM1031L*
HIM1031L	Medical Record Transcription I Lab	2.00	*Conc-Reqs: HIM1031*
HIM1032	Medical Record Transcription II	1.00	*Pre-Reqs: HIM1031* *Conc-Reqs: HIM1032L*
HIM1032L	Medical Record Transcription II Lab	2.00	*Conc-Reqs: HIM1032*
HIM2430	Concepts of Diseases	4.00	*Co-Reqs: HIM2442* *Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020*
HIM2442	Pharmacology and Lab	1.00	*Co-Reqs: HIM2430*
HSC1531	Medical Terminology	4.00	
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
OST2461	Medical Keyboarding and Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711* *Conc-Reqs: OST2461L*
OST2461L	Medical Keyboarding and Office Procedures Lab	1.00	*Conc-Reqs: OST2461*

Sample Program of Study

Course	Title		
… …	**1st Semester - Summer**		
		SEM	
		HRS	
ENC1101	College Composition	3.00	
HSC1531	Medical Terminology	4.00	
… …	**2nd Semester - Fall**		
		SEM	
		HRS	
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*
HIM1031	Medical Record Transcription I	1.00	*Pre-Reqs: OST1100 AND HSC1531*
			Conc-Reqs: HIM1031L
HIM1031L	Medical Record Transcription I Lab	2.00	*Conc-Reqs: HIM1031*
HIM2430	Concepts of Diseases	4.00	*Co-Reqs: HIM2442*
			Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020
HIM2442	Pharmacology and Lab	1.00	*Co-Reqs: HIM2430*
… …	**3rd Semester - Spring**		
		SEM	
		HRS	
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: BSC1086L
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L*
			Conc-Reqs: BSC1086
HIM1032	Medical Record Transcription II	1.00	*Pre-Reqs: HIM1031*
			Conc-Reqs: HIM1032L
HIM1032L	Medical Record Transcription II Lab	2.00	*Conc-Reqs: HIM1032*
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
OST2461	Medical Keyboarding and Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2461L
OST2461L	Medical Keyboarding and Office Procedures Lab	1.00	*Conc-Reqs: OST2461*
TOTAL	…	**33.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Microcomputer Repairer/Installer

Program Information

A.S. Certificate - Code 0907 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Lawrence Pivec, Assistant Chair,

Linda Sulllivan, 386-506-3087, sullivi@daytonastate.edu

Program Description

The certificate program in Microcomputer Repair/Installer provides the student a thorough understanding of the computer hardware and software and its interaction in a networked environment. The program provides a general electronics background, prepares student to pass A+ certification exams and user support skills.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

May vary from $20-$50 for each program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degree in Computer Engineering Technology, and some courses could be applied towards AS degrees in Computer Information Technology, Electronics Engineering Technology and Networking Services Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET2154	A+:Computer Operating Systems	4.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
… …	**2nd Semester**		

		SEM **HRS**
CTS2306	Microsoft Windows Professional	4.00
CET2154	A+:Computer Operating Systems	4.00

TOTAL …   **15.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Nails Specialty

Program Information

Vocational Certificate - Code 1044 - Catalog 2009/2010

Helen King, Assistant Chair, Daytona Campus, 386-506-4452, kingl@daytonastate.edu

Michael Zuba, Assistant Chair, Deltona Campus, 386-789-7346, zubam@daytonastate.edu

Dr. Stan Sidor, Associate V.P., 386-506-3612, sidors@daytonastate.edu

Program Description

The Nails Speciality program meets the requirements of the Florida State Board of Cosmetology to prepare the student for state board examination in the area of nail technician. Students learn the theory of nails and practice the competencies of manicuring, pedicuring, nail wraps, polishing, and applying artificial nails. Florida law, rules and regulations, salon management, sanitation, safe and efficient work practice, communication, leadership, employability skills, and salon services are also taught.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Textbooks - $100 plus tax

Lab Fee - Refer to individual catalog description for lab fee requirement

Ability to Benefit (ATB) Consideration

Students who do not have a standard high school diploma may be eligible for admissions to this program if they meet the following criteria:

1. Take the Test of Adult Basic Education (TABE) which measures reading, English, and math skills, and achieve specified minimum scores.

2. Meet with a counselor or advisor for placement test evaluation, advice on course selection and registration.

Careers

Nail Technician or Nail Specialist

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	VOC HRS	
CSP0010	Nail Care Specialty - Cosmetology	2.00	*Conc-Reqs: CSP0010L*
CSP0010L	Nail Care Specialty - Cosmetology Lab	6.00	*Conc-Reqs: CSP0010*
TOTAL	VOC. CRS.	**8.00**	
TOTAL	CONTACT HRS.	**240.00**	

Network Communications (LAN)

Program Information

A.S. Certificate - Code 0923 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Timothy Pintello, Assistant Chair, 386-506-4126, pintelt@daytonastate.edu

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

06/23/2009 M - 39

Program Description

The certificate program provides students with the knowledge and skills of network support, telecommunications and field support. This program is designed to prepare students for employment as a network support technician, telecommunications technician, field support engineer, sub-system specialist, communications specialist, or to provide supplemental training to persons previously or currently employed in these occupations. Students will be prepared for the following industry certifications: CompTIA Network+ and CCNA.

The specialization content includes, but is not limited to, basic electronics skills, telephony cabling and network communications.

Note: To ensure Financial Aid program eligibility, students need to also be accepted to the parallel associate degree program.

Approximate Additional Costs

Class Materials Fees: $20 for each program specific EET course. See course descriptions.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

All of these courses count towards either the AS degree in Computer Engineering Technology, Computer Information Technology, Computer Programming and Analysis, Electronics Engineering Technology, and Networking Services Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
EGS1000	Professional Performance for Technicians	3.00	
CET1600	Network Plus	4.00	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2620	Cisco Wide Area Network (WAN)	4.00	*Co-Reqs: CET2615*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
CET1600	Network Plus	4.00	
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*

EET1607L Electronics Assembly and Cabling Lab   1.00   *Conc-Reqs: EET1607*

… …   **2nd Semester**

		SEM	
		HRS	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
EGS1000	Professional Performance for Technicians	3.00	

… …   **3rd Semester**

		SEM	
		HRS	
CET2620	Cisco Wide Area Network (WAN)	4.00	*Co-Reqs: CET2615*

TOTAL   …   **18.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Network Communications (WAN)

Program Description

The certificate program provides students with the knowledge and skills of WAN network support, network designing and field support for the WAN. This program is designed to prepare students for employment as a WAN support specialist, network designer, WAN technician, network support technician, field support engineer, or to provide supplemental training to persons previously or currently employed in these occupations.

The specialization content includes, but is not limited to, basic electronics skills, telephony cabling and network communications. Students will be prepared for the following industry certifications: CompTIA Network+ and CCNA and CCDA.

Note: To ensure Financial Aid program eligibility, students need to also be accepted to the parallel associate degree program.

Approximate Additional Costs

Class Materials Fees: $20 for each program specific EET course. See course descriptions.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

All of these courses count towards either the AS degree in Computer Engineering Technology, Computer Information Administrator, Computer Programming & Analysis, Electronics Engineering Technology, and Network Administrator.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CET1600	Network Plus	4.00	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2620	Cisco Wide Area Network (WAN)	4.00	*Co-Reqs: CET2615*
COP1000	Principles of Computer Programming	3.00	
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*

Sample Program of Study

Course	Title	SEM HRS
… …	**1st Semester**	

CET1600	Network Plus	4.00	
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
COP1000	Principles of Computer Programming	3.00	

… …   2nd Semester

		SEM HRS	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2620	Cisco Wide Area Network (WAN)	4.00	*Co-Reqs: CET2615*

TOTAL   …   **18.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Network System Developer

Program Information

A.S. Certificate - Code 0908 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Lawrence Pivec, Assistant Chair,

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

Program Description

The certificate program in Network System Developer is designed to provide a strong background of computer electronics and architecture along with a strong overview of computer networking. Students plan, install, configure, and monitor computer networks in a LAN/WAN environment. Students will be prepared to apply conceptual and theoretical knowledge to the workplace utilizing technical skills learned during the program.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

May vary from $20-$50 for each program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degree in Computer Engineering Technology, and some courses could be applied towards AS degrees in Computer Information Technology, Electronics Engineering Technology, Networking Services Technology and Computer Programming and Analysis.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
CET2123	Microcomputer and Basic Digital Communications	3.00	*Pre-Reqs: CET1112 AND CET1112L AND EET1141L AND EET1141* *Conc-Reqs: CET2123L*
CET2123L	Microcomputer and Basic Digital Communications Lab	1.00	*Conc-Reqs: CET2123*
CET2154	A+:Computer Operating Systems	4.00	
COP1000	Principles of Computer Programming	3.00	
CET2949	Cooperative Education Experience in Computer Engineering Technology	2.00	
CTS2321	Linux System Administration	4.00	
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024* *Conc-Reqs: EET1011L*
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105* *Pre-Reqs: EET1011L AND EET1011* *Conc-Reqs: EET1021L*

EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*

Sample Program of Study

Course		Title		
… …		**1st Semester**		
			SEM	
			HRS	
CTS2306	Microsoft Windows Professional		4.00	
CET1178	A+:Computer Hardware		2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab		1.00	*Conc-Reqs: CET1178*
COP1000	Principles of Computer Programming		3.00	
EET1607	Electronics Assembly and Cabling		2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab		1.00	*Conc-Reqs: EET1607*

… …		**2nd Semester**		
			SEM	
			HRS	
CET2154	A+:Computer Operating Systems		4.00	
CET1600	Network Plus		4.00	
EET1011	Introduction to Electrical Circuits		2.00	*Pre-Reqs: MAT0024*
				Conc-Reqs: EET1011L
EET1011L	Introduction to Electrical Circuits Lab		1.00	*Conc-Reqs: EET1011*

… …		**3rd Semester**		
			SEM	
			HRS	
CET2949	Cooperative Education Experience in Computer Engineering Technology		2.00	
CTS2321	Linux System Administration		4.00	
EET1021	Advanced Electrical Circuits		2.00	*Co-Reqs: MAC1105*
				Pre-Reqs: EET1011L AND EET1011
				Conc-Reqs: EET1021L
EET1021L	Advanced Electrical Circuits Lab		1.00	*Conc-Reqs: EET1021*

… …		**4th Semester**		
			SEM	
			HRS	
CET2123	Microcomputer and Basic Digital Communications		3.00	*Pre-Reqs: CET1112 AND CET1112L AND EET1141L AND EET1141*
				Conc-Reqs: CET2123L
CET2123L	Microcomputer and Basic Digital Communications Lab		1.00	*Conc-Reqs: CET2123*
EET1141	Analog Devices and Circuits		3.00	*Co-Reqs: EET1021*
				Pre-Reqs: EET1011 AND EET1011L
				Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab		1.00	*Conc-Reqs: EET1141*

TOTAL	**…**		**41.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Networking Services Technology

Program Information

A.S. Degree - Code 2002 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Timothy Pintello, Assistant Chair, 386-506-4126, pintelt@daytonastate.edu

Linda Sullivan, 386-506-3078, sullivi@daytonastate.edu

Program Description

The Networking Services Technology program provides students with the technical credentials needed for IT (information technology) careers in computer network management, design, installation, maintenance and support. This program helps students learn the fundamentals of computer hardware, operating systems and network essentials. It shows students how to install, configure, maintain, troubleshoot and repair computers and networks. Students choose networking elective courses to further prepare to administer, configure, connect, plan, maintain, manage and secure complex local area and wide area networks. Depending upon network electives selected, the student can simultaneously complete industry certifications including Microsoft MCSA Certification, CompTIA A+, Network+, Linux+, Security+, Wireless Networking Certifications, and Cisco CCNA Certification.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Class Materials Fees: $50 for program specific courses. Refer to course descriptions in the current college catalog.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
… …	**Behavioral & Human Sciences Core-CHOOSE ONE**		
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core -CHOOSE ONE:**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET2154	A+:Computer Operating Systems	4.00	
CET1600	Network Plus	4.00	
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2660	Fundamentals of Network Security	4.00	*Pre-Reqs: CET1600 OR CTS2306 OR CEN2304*
COP1000	Principles of Computer Programming	3.00	
CTS2320	Implementing, Managing and Maintaining a Windows Network Infrastructure	4.00	*Pre-Reqs: CTS2306 OR CEN2304*
CTS2321	Linux System Administration	4.00	
CTS2328	Managing and Maintaining a Windows Network Environment	4.00	*Pre-Reqs: CTS2306*
… …	**Computer Elective**	4.00	
… …	**Computer Elective**	4.00	
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	

… …	**Electives to Choose From:**	SEM HRS	
CET2620	Cisco Wide Area Network (WAN)	4.00	*Co-Reqs: CET2615*
CET2625	Building Scalable Cisco Internetworks	4.00	*Pre-Reqs: CET2615*
CET2626	Building Cisco Remote Access Networks	4.00	*Pre-Reqs: CET2615*
CET2850	Wireless Networking	4.00	*Pre-Reqs: CET1600*
CTS2303	Designing Windows Active Directory Services	4.00	*Pre-Reqs: CTS2302*
CTS2300	Designing Windows Networks	4.00	*Pre-Reqs: CTS2328 OR CTS2810*
CTS2310	Designing Windows Network Security	4.00	*Pre-Reqs: CTS2328 OR COP2010*
CTS2311	Linux Networking and Security	4.00	*Pre-Reqs: CTS2321*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
EGS1000	Professional Performance for Technicians	3.00	

Sample Program of Study

Course	Title		
… …	**1st Semester**	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
COP1000	Principles of Computer Programming	3.00	

… …	**2nd Semester**	SEM HRS	
ENC1101	College Composition	3.00	
CTS2320	Implementing, Managing and Maintaining a Windows Network Infrastructure	4.00	*Pre-Reqs: CTS2306 OR CEN2304*
CET2154	A+:Computer Operating Systems	4.00	

CTS2328	Managing and Maintaining a Windows Network Environment	4.00	*Pre-Reqs: CTS2306*

… …	**Summer Semester**		
		SEM HRS	
… …	**Behavioral & Human Services Core**	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*

… …	**Second Year**		
… …	**1st Semester**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
CET2615	Advanced Cisco Router Configuration	4.00	*Pre-Reqs: CET1600*
CET2660	Fundamentals of Network Security	4.00	*Pre-Reqs: CET1600 OR CTS2306 OR CEN2304*
CTS2321	Linux System Administration	4.00	

… …	**2nd Semester**		
		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
… …	**Computer Elective**	4.00	
… …	**Computer Elective**	4.00	
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	
TOTAL	**…**	**63.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Nurse Aide and Orderly

Program Information

Vocational Certificate - Code 1027 - Catalog 2009/2010

Sheryl Gray, Assistant Chair, 386-506-3726, grays@daytonastate.edu

Toni Couzenza, Chair, ADN, 386-506-3922

Karen DAmadio, 386-506-3250, damadik@daytonastate.edu

04/29/2009 M - 36.

Program Description

The program is designed for the student seeking employment as a nurse's aide in a long-term care facility or adult living facility under the supervision of a licensed nurse. Clinical experience is provided at local long-term care facilities.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Lab Fees (including liability insurance) - $25

Textbook/Workbook Combo and Syllabus - $59.95

Uniform - $35

Laboratory Supplies - $33.33

NACEP Exam - $126 for resident residing in Fl longer than 5 years; $150 for those living in Fl less than 5 years

Additional Admission Requirements

-Score on the placement test for vocational programs which indicate language and reading ability at the 7th grade level and arithmetic ability at the 6th grade level or better.

-Completion of health screening to include: verification of immunization against tetanus, measles, mumps, rubella and Hepatitis 'B'; and negative test for tuberculosis.

-Satisfactory results of a Florida Department of Law Enforcement background check.

-Basic Cardiac Life Support (BLS) certification for healthcare providers to include adults, infant, children, and automatic external defibrillator (AED) affiliated with the American Heart Association or the American Red Cross.

-Program specific courses must be completed with a grade 'C' or better.

Careers

Nursing Assistant

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	VOC HRS	
HCP0100	Nurse Aide and Orderly	2.00	*Conc-Reqs: HCP0100L*
HCP0100L	Nurse Aide and Orderly Lab	3.50	*Conc-Reqs: HCP0100*

Sample Program of Study

Course	Title

… …   1st Semester

		VOC HRS	
HCP0100	Nurse Aide and Orderly	2.00	*Conc-Reqs: HCP0100L*
HCP0100L	Nurse Aide and Orderly Lab	3.50	*Conc-Reqs: HCP0100*

TOTAL	VOC. HRS.	**5.50**
TOTAL	CONTACT HRS.	**165.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Nursing (Associate Degree) (Limited Access Program)

Program Information

A.S. Degree - Code 2071 - Catalog 2009/2010

Toni Couzenza, Chair, Associate Degree Nursing, 386-506-3922

Linda Miles, Assistant Dean, 386-506-3823

Karen DAmadio, 386-506-3250, damadikl@daytonastate.edu

05/12/2009 M - 38.

Program Description

The National League for Nursing Accrediting Commission accredited program is designed for the student seeking an associate of science degree in nursing. Healthcare employment opportunities are available in long-term care, home health, hospitals, and out patient settings. Clinical experience is provided at local extended care facilities, hospitals, and other community agencies. Job title: Registered Nurse. Graduates are eligible to take the National Council Licensing Examination for Registered Nurses.

Classes admitted in January and August. Registered nurses with associate of science degrees are eligible for admission to UCF's bachelor of science in nursing (BSN) degree program

The Associate Degree Nursing Program is accredited by the National League for Nursing Accrediting Commission. Information about tuition, fees and program length also may be obtained from the National League for Nursing Accrediting Commission 3343 Peachtree Road, NE, Suite 500, Atlanta, Georgia, 30326. Phone - 800.669.1656

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

- Laboratory and technology fees (including liability insurance) - average of $135.00 per semester
- Textbooks - $1232.00
- Uniforms - $150
- Laboratory Supplies - $225
- Graduation Fee - $25
- NCLEX Exam - $405
- FDLE Background Check - $24

Additional Admission Requirements

- Program Prerequisites (courses must be completed with a grade of 'C' or better): ENC 1101 (College Composition); MAC 1105 (College Algebra); MCB 1010/1010L (Microbiology and Lab); and BSC 1085/1085L (Human Anatomy and Physiology I and Lab).

- Cumulative grade point average of 2.5 or better.

- Applications submitted May and September. Students will be accepted based on specific admission criteria. There will no longer be a waiting list. Students must apply each application cycle until accepted based on the selection process.

- Completion of the Test of Essential Academic Skills (TEAS) with an adjusted individual total score (AITS) at the 75th percentile or better. In addition, the applicant must have a TEAS score of 65% or better in both mathematics and reading OR completion of the Nurse Entrance Test at the 50th percentile or better in each category (mathematics, reading, and overall composite). Applications submitted after January 1, 2012 must include TEAS scores; NET scores will not be accepted after January 1, 2012.

- Completion of health screening to include: recent physical examination; verification of immunization against tetanus, measles, mumps, rubella, varicella and Hepatitis 'B'; and PPD test for tuberculosis (or chest X-ray if indicated).

- Basic Cardiac Life Support (BLS) certification for healthcare providers to include adults, infant, children, and automatic external defibrillator (AED) affiliated with the American Heart Association or the American Red Cross.

- Satisfactory results of a Florida Department of Law Enforcement background check.

- According to Florida Board of Nursing, convicted felons who have had their civil rights removed are not eligible to take the National Council Licensure Examination for Registered Nurses.

- General education courses (pre and co-requisites) and Nursing courses must be completed with a grade of 'C' or better.

- Students will be held accountable for the policies and procedures of the nursing program as outlined in the nursing student policy handbook as well as the college student handbook.

- Readmission and transfer nursing courses must have been taken within one year and evaluated by the nursing readmission and transfer committee. Transfer nursing students are accepted on a limited basis depending on space availability.

General Education Courses

Course	Title	SEM HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085* *Conc-Reqs: BSC1086L*
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L* *Conc-Reqs: BSC1086*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*

… … **Humanities, Cultural & Aesthetic Core -CHOOSE ONE:**

Course	Title	SEM HRS	
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title

			SEM	
			HRS	
NUR1010	Foundations of Nursing Practice		3.00	*Co-Reqs: NUR1020 OR NUR1005*
				Pre-Reqs: ENC1101 AND MAC1105 AND MCB1010 AND MCB1010L AND BSC1085L AND BSC1085
NUR1020	Nursing Process I		3.00	*Co-Reqs: NUR1010 AND BSC1086L AND PSY1012 AND BSC1086*
				Pre-Reqs: ENC1101 AND BSC1085L AND BSC1085 AND MAC1105 AND MCB1010 AND MCB1010L
				Conc-Reqs: NUR1020L
NUR1020L	Nursing Process I Lab		4.00	*Co-Reqs: NUR1010 AND BSC1086 AND PSY1012 AND BSC1086L*
				Pre-Reqs: MCB1010L AND BSC1085 AND BSC1085L AND MAC1105 AND MCB1010 AND ENC1101
				Conc-Reqs: NUR1020
NUR1423	Nursing Process II		2.00	*Co-Reqs: NUR1230L AND NUR1230 AND ENC1102*
				Pre-Reqs: NUR1010 AND NUR1020 OR NUR1005
				Conc-Reqs: NUR1423L
NUR1423L	Nursing Process II Lab		2.00	*Conc-Reqs: NUR1423*
NUR1230	Nursing Process III		3.00	*Co-Reqs: ENC1102 AND NUR1423L AND NUR1423*
				Pre-Reqs: NUR1010 AND NUR1020 AND NUR1020L
				Conc-Reqs: NUR1230L
NUR1230L	Nursing Process III Lab		3.00	*Conc-Reqs: NUR1230*
NUR2731	Nursing Process IV		5.00	*Co-Reqs: SPC2608*
				Pre-Reqs: NUR1230 OR NUR1005
				Conc-Reqs: NUR2731L
NUR2731L	Nursing Process IV Lab		6.00	*Conc-Reqs: NUR2731*
NUR2940	Nursing Process V		6.00	*Pre-Reqs: NUR2731L AND NUR2731*
				Conc-Reqs: NUR2940L
NUR2940L	Nursing Process V Lab		5.00	*Conc-Reqs: NUR2940*
TOTAL	**…**		**42.00**	

Sample Program of Study

	Course		Title		
…	…	**Prerequisite Courses**			

		SEM	
		HRS	
ENC1101	College Composition	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
MCB1010	Microbiology	3.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010L*
MCB1010L	Microbiology Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010*
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*

… …   **1st Year - 1st Semester**

		SEM	
		HRS	
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: BSC1086L
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L*
			Conc-Reqs: BSC1086
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
NUR1010	Foundations of Nursing Practice	3.00	*Co-Reqs: NUR1020 OR NUR1005*
			Pre-Reqs: ENC1101 AND MAC1105 AND MCB1010 AND MCB1010L AND BSC1085L AND BSC1085
NUR1020	Nursing Process I	3.00	*Co-Reqs: NUR1010 AND BSC1086L AND PSY1012 AND BSC1086*
			Pre-Reqs: ENC1101 AND BSC1085L AND BSC1085 AND MAC1105 AND MCB1010 AND MCB1010L
			Conc-Reqs: NUR1020L
NUR1020L	Nursing Process I Lab	4.00	*Co-Reqs: NUR1010 AND BSC1086 AND PSY1012 AND BSC1086L*
			Pre-Reqs: MCB1010L AND BSC1085 AND BSC1085L AND MAC1105 AND MCB1010 AND ENC1101
			Conc-Reqs: NUR1020

… …   **2nd Semester**

		SEM HRS	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
NUR1423	Nursing Process II	2.00	*Co-Reqs: NUR1230L AND NUR1230 AND ENC1102*
			Pre-Reqs: NUR1010 AND NUR1020 OR NUR1005
			Conc-Reqs: NUR1423L
NUR1423L	Nursing Process II Lab	2.00	*Conc-Reqs: NUR1423*
NUR1230	Nursing Process III	3.00	*Co-Reqs: ENC1102 AND NUR1423L AND NUR1423*
			Pre-Reqs: NUR1010 AND NUR1020 AND NUR1020L
			Conc-Reqs: NUR1230L
NUR1230L	Nursing Process III Lab	3.00	*Conc-Reqs: NUR1230*

… … 2nd Year - 1st Semester

		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
NUR2731	Nursing Process IV	5.00	*Co-Reqs: SPC2608*
			Pre-Reqs: NUR1230 OR NUR1005
			Conc-Reqs: NUR2731L
NUR2731L	Nursing Process IV Lab	6.00	*Conc-Reqs: NUR2731*

… … 2nd Semester

		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
NUR2940	Nursing Process V	6.00	*Pre-Reqs: NUR2731L AND NUR2731*
			Conc-Reqs: NUR2940L
NUR2940L	Nursing Process V Lab	5.00	*Conc-Reqs: NUR2940*

TOTAL	**…**	**72.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Occupational Therapy Assistant (Limited Access Program)

Program Information

A.A.S. Degree - Code 3518 - Catalog 2009/2010

Mary Craig-Oatley, Assistant Chair, 386-506-3624, craigom@daytonastate.edu

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

The program trains and qualifies graduates to work in occupational therapy. Occupational therapy is a health and rehabilitation profession that provides services to individuals who are physically, psychologically or developmentally disabled. Occupational therapy strives to help patients achieve a maximum level of independent living by developing the capacities that remain after disease, accident or deformity. Job title: Occupational Therapy Assistant. The Occupational Therapy Assistant program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. AOTA's phone number is (301) 652-AOTA and Web address is http://www.aota.org/. Graduates of the program will be able to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy, Inc. (NBCOT). (Their phone number is 301-990-7979 or http://www.nbcot.org/.) After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). Most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination.

Note: The requirement that all OTA students complete Level II Fieldwork within 18 months following completion of academic preparation must be published.

A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees (Including liability insurance) - $35 per semester

Textbooks - $1,000

Licensure Fees - $650

FDLE Background Screening - $24

Additional Admission Requirements

-Program Prerequisites (courses must be completed with a grade of 'C' or better): BSC 1085/1085L (Human Anatomy & Physiology I and Lab), ENC 1101 (College Composition), PSY 1012 (General Psychology), and HSC 1000 (Introduction to Health Care). All math requirements prior to MAT1033 should be completed before entering into the program.

-Complete 10 hours observation with a licensed occupational therapist or C.O.T.A. (Certified Occupational Therapy Assistant). (A listing of available sites and appropriate documentation form can be obtained from the School of Health Careers and Human Services on the Daytona State College Campus in Building 320, Room 552.)

-Submit completed application to the School of Health Careers and Human Services.

-Applications are accepted anytime during the year.

-Selection is made once per year based on the date of the School of Health Careers and Human Services application.

-Florida Department of Law Enforcement (FDLE) Background check must be completed prior to the first day of class. Final program acceptance contingent upon satisfactory results of the FDLE screening.

-Basic Cardiac Life Support for Health Care Provider and AED through American Heart Association or American Red Cross.

-A pre-admission consultation with the assistant chair is recommended.

-Program specific courses and general education courses must be completed with a grade 'C' or better.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033 *ı*	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085* *Conc-Reqs: BSC1086L*
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L* *Conc-Reqs: BSC1086*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
OTH1001	Introduction to Occupational Therapy	3.00	
OTH1003	Human Occupation Across the Lifespan	3.00	
OTH1006	Occupational Therapy Documentation	2.00	
OTH1114	Occupational Therapy Skills and Techniques I	1.00	*Co-Reqs: OTH1001 Conc-Reqs: OTH1114L*
OTH1114L	Occupational Therapy Skills and Techniques I Lab	1.00	*Conc-Reqs: OTH1114*
OTH1014	Analysis of Human Movement	2.00	*Pre-Reqs: BSC1085* *Conc-Reqs: OTH1014L*
OTH1014L	Analysis of Human Movement Lab	1.00	*Conc-Reqs: OTH1014*
OTH1800	Occupational Therapy Practicum I	1.00	*Pre-Reqs: OTH1001*
OTH1802	Occupational Therapy Practicum II	2.00	*Pre-Reqs: OTH1800*

OTH2261	Occupational Therapy Skills and Techniques II	1.00	*Co-Reqs: OTH1014 AND OTH2300*
			Pre-Reqs: OTH1114
			Conc-Reqs: OTH2261L
OTH2261L	Occupational Therapy Skills and Techniques II Lab	1.00	*Conc-Reqs: OTH2261*
OTH2264	Occupational Therapy Skills and Techniques III	2.00	*Co-Reqs: OTH2420 AND OTH2520 AND OTH2420L AND OTH2520L*
			Pre-Reqs: OTH2261
			Conc-Reqs: OTH2264L
OTH2264L	Occupational Therapy Skills and Techniques III Lab	1.00	*Conc-Reqs: OTH2264*
OTH2300	Psychosocial Occupational Therapy	4.00	*Pre-Reqs: OTH1001*
OTH2410	Conditions in Occupational Therapy	3.00	*Pre-Reqs: OTH1001 AND BSC1085*
OTH2420	Occupational Therapy for Physical Dysfunction	3.00	*Pre-Reqs: OTH2410 AND OTH1014C*
			Conc-Reqs: OTH2420L
OTH2420L	Occupational Therapy for Physical Dysfunction Lab	1.00	*Conc-Reqs: OTH2420*
OTH2520	Developmental Issues	2.00	*Pre-Reqs: OTH2410*
OTH2520L	Developmental Issue Lab	1.00	*Conc-Reqs: OTH2520*
OTH2840	O.T. Supervised Clinical Practice I	5.00	*Co-Reqs: OTH2933*
			Pre-Reqs: OTH1802
OTH2841	O.T. Supervised Clinical Practice	5.00	*Co-Reqs: OTH2933*
			Pre-Reqs: OTH2840
OTH2933	O.T. Seminar for Clinical Practice	1.00	*Co-Reqs: OTH2840 AND OTH2841*

Sample Program of Study

Course	Title		
… …	**Prerequisite Courses**		

		SEM HRS	
ENC1101	College Composition	3.00	
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*
HSC1000	Introduction to Health Care	3.00	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*

… …	**First Year - 1st Semester - Fall**		

		SEM HRS	
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: BSC1086L
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L*
			Conc-Reqs: BSC1086
OTH1001	Introduction to Occupational Therapy	3.00	
OTH1003	Human Occupation Across the Lifespan	3.00	
OTH1114	Occupational Therapy Skills and Techniques I	1.00	*Co-Reqs: OTH1001 Conc-Reqs: OTH1114L*
OTH1114L	Occupational Therapy Skills and Techniques I Lab	1.00	*Conc-Reqs: OTH1114*
OTH2410	Conditions in Occupational Therapy	3.00	*Pre-Reqs: OTH1001 AND BSC1085*

… …	**2nd Semester - Spring**		

		SEM HRS	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
OTH1006	Occupational Therapy Documentation	2.00	
OTH1014	Analysis of Human Movement	2.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: OTH1014L
OTH1014L	Analysis of Human Movement Lab	1.00	*Conc-Reqs: OTH1014*
OTH1800	Occupational Therapy Practicum I	1.00	*Pre-Reqs: OTH1001*
OTH2300	Psychosocial Occupational Therapy	4.00	*Pre-Reqs: OTH1001*
OTH2261	Occupational Therapy Skills and Techniques II	1.00	*Co-Reqs: OTH1014 AND OTH2300*
			Pre-Reqs: OTH1114
			Conc-Reqs: OTH2261L

| OTH2261L | Occupational Therapy Skills and Techniques II Lab | 1.00 | *Conc-Reqs: OTH2261* |

… … **Second Year - 1st Semester - Fall**

		SEM HRS	
OTH2264	Occupational Therapy Skills and Techniques III	2.00	*Co-Reqs: OTH2420 AND OTH2520 AND OTH2420L AND OTH2520L*
			Pre-Reqs: OTH2261
			Conc-Reqs: OTH2264L
OTH2264L	Occupational Therapy Skills and Techniques III Lab	1.00	*Conc-Reqs: OTH2264*
OTH2520	Developmental Issues	2.00	*Pre-Reqs: OTH2410*
OTH2520L	Developmental Issue Lab	1.00	*Conc-Reqs: OTH2520*
OTH2420	Occupational Therapy for Physical Dysfunction	3.00	*Pre-Reqs: OTH2410 AND OTH1014C*
			Conc-Reqs: OTH2420L
OTH2420L	Occupational Therapy for Physical Dysfunction Lab	1.00	*Conc-Reqs: OTH2420*
OTH1802	Occupational Therapy Practicum II	2.00	*Pre-Reqs: OTH1800*

… … **2nd Semester - Spring**

		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
OTH2840	O.T. Supervised Clinical Practice I	5.00	*Co-Reqs: OTH2933*
			Pre-Reqs: OTH1802
OTH2841	O.T. Supervised Clinical Practice	5.00	*Co-Reqs: OTH2933*
			Pre-Reqs: OTH2840
OTH2933	O.T. Seminar for Clinical Practice	1.00	*Co-Reqs: OTH2840 AND OTH2841*

| **TOTAL** | **…** | **70.00** | |

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1 MAT 1033 fulfills general education requirements for AAS degree programs only.

Office Administration (Administrative Assistant Option)

Program Information

A.A.S. Degree - Code 3522 - Catalog 2009/2010

Shawn Friend, Assistant Chair, 386-506-3454, friends@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

The program provies a solid foundation in office management, computer operations, business law, and word processing software programs. Students develop communication, computation, management, and computer software application skills.

Graduates of this program are eligible to be enrolled in Daytona State College, Bachelor of Applied Science in Supervision and Management program. Call (386) 506-4BAS or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
BSC1005	Survey of Biological Sciences (For Non-Science Majors) **OR**	3.00	*Co-Reqs: ENC1101*
BSC1020	Human Biology	3.00	*Co-Reqs: ENC1101*
CGS2100	*1*Microcomputer Applications	3.00	
ENC1101	College Composition	3.00	
… …	**Behavorial & Human Sciences Core - CHOOSE ONE**		
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

Course	Title	SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title

		SEM HRS	
BUL2241 *4*	Business Law I	3.00	
GEB1011	Introduction to Business	3.00	
MNA2161	Quality Service Management	3.00	
OST1100 *4*	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST1110 *4*	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1330 *4*	Business English	3.00	
OST1711 *4*	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
OST1760 *4*	Word Processing II	3.00	*Conc-Reqs: OST1760L*
OST1760L	Word Processing II Lab	1.00	*Conc-Reqs: OST1760*
OST2336 *2*	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
OST2401 *4*	Basic Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2401L
OST2401L	Basic Office Procedures Lab	1.00	*Conc-Reqs: OST2401*
OST2501	Office Management	3.00	
OST2713 *4*	Advanced Computer Software Applications	3.00	*Pre-Reqs: CGS2100*
			Conc-Reqs: OST2713L
OST2713L	Advanced Computer Software Applications Lab	1.00	*Conc-Reqs: OST2713*
QMB1001	Business Math	3.00	
… …	**Elective**	4.00	
		SEM HRS	
… …	**Elective - CHOOSE ONE:**	4.00	
APA1111	Computerized Accounting/Bookkeeping I	4.00	
FIN1100 *4*	Personal Financial Planning	3.00	
LIS2004 *4*	Introduction to Internet Information Research Resources	1.00	
OST2949 *3*	Cooperative Education Experience in Office Systems Management	4.00	

Sample Program of Study

Course	Title		
… …	**FIRST YEAR**		
… …	**1st Semester**		
		SEM HRS	
BSC1005	Survey of Biological Sciences (For Non-Science Majors) **OR**	3.00	*Co-Reqs: ENC1101*
BSC1020	Human Biology	3.00	*Co-Reqs: ENC1101*
ENC1101	College Composition	3.00	
GEB1011	Introduction to Business	3.00	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST1330	Business English	3.00	

… …	**2nd Semester**		
		SEM HRS	
… …	**Behavioral & Human Sciences Core**	3.00	
OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
QMB1001	Business Math	3.00	

… …	**Summer Semester**		
… …	**SECOND YEAR**		
… …	**1st Semester**		

		SEM HRS	
… …	**HUmanities, Cultural & Aesthetic Core**	3.00	
CGS2100 *1*	Microcomputer Applications	3.00	
OST1760	Word Processing II	3.00	*Conc-Reqs: OST1760L*
OST1760L	Word Processing II Lab	1.00	*Conc-Reqs: OST1760*
OST2401	Basic Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2401L
OST2401L	Basic Office Procedures Lab	1.00	*Conc-Reqs: OST2401*

… …	**2nd Semester**		

		SEM HRS	
BUL2241	Business Law I	3.00	
MNA2161	Quality Service Management	3.00	
OST2501	Office Management	3.00	
OST2713	Advanced Computer Software Applications	3.00	*Pre-Reqs: CGS2100*
			Conc-Reqs: OST2713L
OST2713L	Advanced Computer Software Applications Lab	1.00	*Conc-Reqs: OST2713*
… …	**Elective**	4.00	
TOTAL	**…**	**63.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. CGS2100 fulfils general education requirements for AAS degree programs only.

2. OST2336 meets the graduation requirements for Oral Communications for this program.

3. OST2949 Cooperative Education Experience in Office Systems Management is approved by Assistant Chair for a value of 1 -4 semester hours.

4. Course counts toward the following certificates: Office Management (Code 0914); Office Management - Legal Option (Code 0918); Office Management - Medical Option (Code 0919); Office Support (Technical Certificate) (Code 0926).

Office Administration and Management - Legal Option

Program Description

The program provides a solid foundation in office management, computer operations, business law and legal office procedures. Students develop communication, computation, management and computer software application skills.

This college credit certificate is articulated into the AAS degree in Office Administration.

Note: This program is eligible for federal financial aid and state bright futures.

Program Specific Courses

Course	Title	SEM HRS	
BUL2241	Business Law I	3.00	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100* *Conc-Reqs: OST1110L*
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1330	Business English	3.00	
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
OST2431	Legal Keyboarding and Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711* *Conc-Reqs: OST2431L*
OST2431L	Legal Keyboarding and Office Procedures Lab	1.00	*Conc-Reqs: OST2431*
PLA2763	Law Office and Management **OR**		
OST2501	Office Management	3.00	

Sample Program of Study

Course	Title		
… …	**1st Semester**		

Course	Title	SEM HRS	
BUL2241	Business Law I	3.00	
OST1330	Business English	3.00	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST2431	Legal Keyboarding and Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711* *Conc-Reqs: OST2431L*
OST2431L	Legal Keyboarding and Office Procedures Lab	1.00	*Conc-Reqs: OST2431*

Course	Title		
… …	**2nd Semester**		

Course	Title	SEM HRS	
OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100* *Conc-Reqs: OST1110L*
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*

OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
PLA2763	Law Office and Management **OR**	3.00	
OST2501	Office Management	3.00	

TOTAL … **27.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Office Administration (Medical Transcription Option)

Program Information

A.A.S. Degree - Code 3521 - Catalog 2009/2010

Shawn Friend, Assistant Chair, 386-506-3454, friends@daytonastate.edu

Nancy Thomas, Program Mgr, Med Transcription, 386-506-3748

School of Applied Business, 386-506-3012

Program Description

The program provides a solid foundation in medical office procedures, as well as medical typing and transcription. Students learn a variety of business software and office equipment including transcribers and can gain practical work experience through cooperative education.

Graduates of this program are eligible to be enrolled in Daytona State College, Bachelor of Applied Science in Supervision and Management program. Call (386) 506-4BAS or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: BSC1086L
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L*
			Conc-Reqs: BSC1086
ENC1101	College Composition	3.00	
… …	**Behavioral & Human Sciences Core - CHOOSE ONE:**		
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title

		SEM HRS	
APA1111	Computerized Accounting/Bookkeeping I	4.00	
HIM1031 *4*	Medical Record Transcription I	1.00	*Pre-Reqs: OST1100 AND HSC1531*
			Conc-Reqs: HIM1031L
HIM1031L	Medical Record Transcription I Lab	2.00	*Conc-Reqs: HIM1031*
HIM1032 *4*	Medical Record Transcription II	1.00	*Pre-Reqs: HIM1031*
			Conc-Reqs: HIM1032L
HIM1032L	Medical Record Transcription II Lab	2.00	*Conc-Reqs: HIM1032*
HIM2430	Concepts of Diseases	4.00	*Co-Reqs: HIM2442*
			Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020
HIM2442	Pharmacology and Lab	1.00	*Co-Reqs: HIM2430*
HSC1531 *4*	Medical Terminology	4.00	
OST1100 *4*	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST1110 *4*	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1330 *4*	Business English	3.00	
OST1711 *4*	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
OST2336 *2*	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
OST2461 *4*	Medical Keyboarding and Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2461L
OST2461L	Medical Keyboarding and Office Procedures Lab	1.00	*Conc-Reqs: OST2461*
OST2501	Office Management **OR**	3.00	
QMB1001	Business Math	3.00	
… …	**Elective**	3.00	

… …   **Elective - CHOOSE ONE:**

		SEM HRS
OST2949 *1*	Cooperative Education Experience in Office Systems Management	3.00

Sample Program of Study

Course	Title	
… …	**FIRST YEAR**	
… …	**1st Semester**	

		SEM HRS	
ENC1101	College Composition	3.00	
HSC1531	Medical Terminology	4.00	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
… …	**Behavioral & Human Sciences Core**	3.00	

… …   **2nd Semester**

		SEM HRS	
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*
HIM1031	Medical Record Transcription I	1.00	*Pre-Reqs: OST1100 AND HSC1531*
			Conc-Reqs: HIM1031L
HIM1031L	Medical Record Transcription I Lab	2.00	*Conc-Reqs: HIM1031*
OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1330	Business English	3.00	

… …   **Summer Semester**

			SEM HRS	
BSC1086	Human Anatomy and Physiology II		3.00	*Pre-Reqs: BSC1085* *Conc-Reqs: BSC1086L*
BSC1086L	Human Anatomy and Physiology Lab		1.00	*Pre-Reqs: BSC1085L* *Conc-Reqs: BSC1086*
… …	**Humanities, Cultural & Aesthetic Core**		3.00	

… …	**SECOND YEAR**			
… …	**1st Semester**			
			SEM HRS	
APA1111	Computerized Accounting/Bookkeeping I		4.00	
HIM1032	Medical Record Transcription II		1.00	*Pre-Reqs: HIM1031* *Conc-Reqs: HIM1032L*
HIM1032L	Medical Record Transcription II Lab		2.00	*Conc-Reqs: HIM1032*
HIM2430	Concepts of Diseases		4.00	*Co-Reqs: HIM2442* *Pre-Reqs: HSC1531 OR BSC1085 OR BSC1020*
HIM2442	Pharmacology and Lab		1.00	*Co-Reqs: HIM2430*
OST1711	Word Processing I		3.00	*Pre-Reqs: OST1100 OR OST1141*

… …	**2nd Semester**			
			SEM HRS	
OST2336	Business Communications		3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
OST2461	Medical Keyboarding and Office Procedures		3.00	*Pre-Reqs: OST1100 OR OST1711* *Conc-Reqs: OST2461L*
OST2461L	Medical Keyboarding and Office Procedures Lab		1.00	*Conc-Reqs: OST2461*
OST2501	Office Management **OR**		3.00	
QMB1001	Business Math		3.00	
OST2949 *1*	Cooperative Education Experience in Office Systems Management		3.00	

| **TOTAL** | **…** | | **63.00** | |

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

1. OST2949 Cooperative Education Experience in Office Systems Management is approved by Assistant Chair for a value of 1 - 4 semester hours.

2. OST2336 meets the graduation requirement for Oral Communications for this program.

3. CGS2100 fulfils general education requirements for AAS degree programs only.

4. Course counts toward the following certificates: Office Management (Code 0914); Affice Administration/Management (Code 0918); Office Management - Medical (Code 0919); Office Support (Code 0926).

Office Management - Medical Option

Program Information

A.S. Certificate - Code 0919 - Catalog 2009/2010

Shawn Friend, Assistant Chair, 386-506-3454, friends@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

The program provides a solid foundation in office management, computer operations, and medical office procedures. Students develop communication, computation, management, and computer software application skills.

This college credit certificate is articulated into the AAS degree in Office Administration.

Note: This program is eligible for federal financial aid and state bright futures.

Program Specific Courses

Course	Title	SEM HRS	
CGS2100	Microcomputer Applications	3.00	
HIM1031	Medical Record Transcription I	1.00	*Pre-Reqs: OST1100 AND HSC1531*
			Conc-Reqs: HIM1031L
HIM1031L	Medical Record Transcription I Lab	2.00	*Conc-Reqs: HIM1031*
HIM1032	Medical Record Transcription II	1.00	*Pre-Reqs: HIM1031*
			Conc-Reqs: HIM1032L
HIM1032L	Medical Record Transcription II Lab	2.00	*Conc-Reqs: HIM1032*
HSC1531	Medical Terminology	4.00	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1330	Business English	3.00	
OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
OST2461	Medical Keyboarding and Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2461L
OST2461L	Medical Keyboarding and Office Procedures Lab	1.00	*Conc-Reqs: OST2461*
… …	**Elective**	3.00	

… …   Elective - Choose From:

Course	Title	SEM HRS
FIN1100	Personal Financial Planning	3.00
LIS2004	Introduction to Internet Information Research Resources	1.00
MNA2161	Quality Service Management	3.00
OST2949 *1*	Cooperative Education Experience in Office Systems Management	3.00

Sample Program of Study

Course	Title	
… …	**1st Semester**	

Course	Title	SEM HRS
OST1330	Business English	3.00

HIM1031	Medical Record Transcription I	1.00	*Pre-Reqs: OST1100 AND HSC1531*
			Conc-Reqs: HIM1031L
HIM1031L	Medical Record Transcription I Lab	2.00	*Conc-Reqs: HIM1031*
HSC1531	Medical Terminology	4.00	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*

… …   2nd Semester

SEM HRS

CGS2100	Microcomputer Applications	3.00	
HIM1032	Medical Record Transcription II	1.00	*Pre-Reqs: HIM1031*
			Conc-Reqs: HIM1032L
HIM1032L	Medical Record Transcription II Lab	2.00	*Conc-Reqs: HIM1032*

… …   3rd Semester

SEM HRS

OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
OST2461	Medical Keyboarding and Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2461L
OST2461L	Medical Keyboarding and Office Procedures Lab	1.00	*Conc-Reqs: OST2461*

| **… …** | **Elective** | 3.00 | |
| **TOTAL** | **…** | **34.00** | |

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. OST2949 Cooperative Education Experience inOffice Systems Management is approved by Assistant Chair for a value of 1 -4 semester hours.

<u>Office Management</u>

Program Information

A.S. Certificate - Code 0914 - Catalog 2009/2010

Shawn Friend, Assistant Chair, 386-506-3454, friends@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

This program is designed for the student seeking employment as an office systems specialist. It provides a solid foundation in computer operations, word processing software, and office procedures. The student develops business communication, computation, computer software application and office management skills. This college credit certificate is articulated into the AAS degree in Office Administration.

Note: This program is eligible for federal financial aid and state bright futures.

Program Specific Courses

Course	Title	SEM HRS	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1330	Business English	3.00	
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
OST2401	Basic Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2401L
OST2401L	Basic Office Procedures Lab	1.00	*Conc-Reqs: OST2401*
OST2713	Advanced Computer Software Applications	3.00	*Pre-Reqs: CGS2100*
			Conc-Reqs: OST2713L
OST2713L	Advanced Computer Software Applications Lab	1.00	*Conc-Reqs: OST2713*
… …	**Elective**	2.00	
… …	**Elective: Choose From:**		
LIS2004	Introduction to Internet Information Research Resources **OR**	1.00	
OST2949 *1*	Cooperative Education Experience in Office Systems Management	2.00	

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
OST1330	Business English	3.00	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST2401	Basic Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2401L
OST2401L	Basic Office Procedures Lab	1.00	*Conc-Reqs: OST2401*
… …	**Elective**	2.00	
… …	**2nd Semester**	SEM HRS	

OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
OST2336	Business Communications	3.00	*Pre-Reqs: ENC1101 OR ENC1200 OR OST1330*
OST2713	Advanced Computer Software Applications	3.00	*Pre-Reqs: CGS2100*
			Conc-Reqs: OST2713L
OST2713L	Advanced Computer Software Applications Lab	1.00	*Conc-Reqs: OST2713*

TOTAL … **27.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. OST2949 Cooperative Education Experience in Office Systems Management is approved by Assistant Chair for a value of 1 - 4 semester hours.

Office Support (Technical Certificate)

Program Information

A.S. Certificate - Code 0926 - Catalog 2009/2010

Shawn Friend, Assistant Chair, 386-506-3454, friends@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

Office Support (Technical Certificate) is a 12 hour college credit certificate in the Office Systems program. It is the first step toward the A.A.S. degree in Office Administration. This program teaches high quality entry office skills and is especially useful for One Stop and Fresh Start programs. Job titles: Entry-level support positions such as office clerk, office assistant, staff assistant, office and administrative support worker, or information clerk.

Credits earned in this certificate may be applied toward the College Credit Certificate in Office Management and the AAS Degree in Office Administration.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Lab Fees - $18

Additional Admission Requirements

Students must meet with the chair or assistant chair prior to enrolling in this program.

Program Specific Courses

Course	Title	SEM HRS	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST2401	Basic Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2401L
OST2401L	Basic Office Procedures Lab	1.00	*Conc-Reqs: OST2401*

Sample Program of Study

Course	Title	SEM HRS	
OST1100	Keyboarding and Formatting I	3.00	*Conc-Reqs: OST1100L*
OST1100L	Keyboarding and Formatting I Lab	1.00	*Conc-Reqs: OST1100*
OST1110	Keyboarding and Formatting II	3.00	*Pre-Reqs: OST1100*
			Conc-Reqs: OST1110L
OST1110L	Keyboarding and Formatting II Lab	1.00	*Conc-Reqs: OST1110*
OST2401	Basic Office Procedures	3.00	*Pre-Reqs: OST1100 OR OST1711*
			Conc-Reqs: OST2401L
OST2401L	Basic Office Procedures Lab	1.00	*Conc-Reqs: OST2401*

TOTAL … 12.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Paralegal Studies (Legal Assisting) - Career Option

Program Information

A.A.S. Degree - Code 3528 - Catalog 2009/2010

Shawn Friend, Assistant Chair, 386-506-3454, friends@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

The program provides a solid foundation in procedural and substantive areas of law including research, drafting legal documents, interviewing clients and witnesses, investigative techniques and managing law offices. This program inclueds practical application classes necessary to be immediately knowledgeable in widely used areas of law. It prepares students to work in a legal office upon completion. Additionally, it prepares students to transfer to a four year program. The program of study provides eligible students with the skills the student needs to take the Certified Legal Assistant/Certified Paralegal Examination offered by the National Association of Legal Assistants.

Graduates of this program are eligible to be enrolled in Daytona State's Bachelor of Applied Science in Supervision and Management program. Call (386) 506-4BAS or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
CGS2100	Microcomputer Applications	3.00	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

… … Humanities, Cultural & Aesthetic Core - CHOOSE ONE

Course	Title	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
BUL2241	Business Law I	3.00	
BUL2242	Business Law II	3.00	
OST1435	Legal Terminology	3.00	
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
PLA1003	Introduction to Paralegal	3.00	
PLA1103	Legal Writing and Research I	3.00	*Co-Reqs: ENC1101 AND BUL2241*
PLA1610	Real Estate Law and Property	3.00	
PLA1800	Law of Domestic Relations	3.00	
PLA2114	Legal Writing and Research II	3.00	*Pre-Reqs: ENC1101 AND PLA1103*
PLA2200	Introduction to Litigation, Torts and Evidence	3.00	*Pre-Reqs: ENC1101 AND BUL2241*
PLA2303	Criminal Law and the Paralegal	3.00	
PLA2460	Bankruptcy Law	3.00	
PLA2600	Probate Administration	3.00	*Pre-Reqs: PLA1003 AND BUL2241*
PLA2763	Law Office and Management **OR**	3.00	
PLA2949 *2*Cooperative Education Experience in Legal Assisting		3.00	
PLA2880	Constitutional Law	3.00	*Co-Reqs: ENC1101*

Sample Program of Study

Course	Title		
… …	**FIRST YEAR**		
… …	**1st Semester**		

Course	Title	SEM HRS	
BUL2241	Business Law I	3.00	
ENC1101	College Composition	3.00	
OST1435	Legal Terminology	3.00	
PLA1003	Introduction to Paralegal	3.00	
PLA1103	Legal Writing and Research I	3.00	*Co-Reqs: ENC1101 AND BUL2241*

… …	**2nd Semester**		

Course	Title	SEM HRS	
BUL2242	Business Law II	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PLA1800	Law of Domestic Relations	3.00	
PLA2114	Legal Writing and Research II	3.00	*Pre-Reqs: ENC1101 AND PLA1103*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

… …	**Summer Semester**		

Course	Title	SEM HRS	
CGS2100	Microcomputer Applications	3.00	
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… …	**SECOND YEAR**		
… …	**1st Semester**		

Course	Title	SEM HRS	
OST1711	Word Processing I	3.00	*Pre-Reqs: OST1100 OR OST1141*
PLA1610	Real Estate Law and Property	3.00	
PLA2200	Introduction to Litigation, Torts and Evidence	3.00	*Pre-Reqs: ENC1101 AND BUL2241*
PLA2303	Criminal Law and the Paralegal	3.00	
PLA2460	Bankruptcy Law	3.00	
… …	**2nd Semester**		

… …	**Humanities, Cultural & Aesthetic Core**	3.00	
PLA2600	Probate Administration	3.00	*Pre-Reqs: PLA1003 AND BUL2241*
PLA2763	Law Office and Management **OR**	3.00	
PLA2880	Constitutional Law	3.00	*Co-Reqs: ENC1101*
PLA2949 2	Cooperative Education Experience in Legal Assisting	3.00	

TOTAL   …   **64.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. MAT1033 fulfills general education requirements for AAS degree programs only.

2. PLA2949 Cooperative Education Experience in General Law is approved by Assistant Chair for a value of 1 - 4 semester hours.

Paralegal Studies (Legal Assisting) - Transfer Option

Program Information

A.S. Degree - Code 2062 - Catalog 2009/2010

Shawn Friend, Assistant Chair, 386-506-3454, friends@daytonastate.edu

School of Applied Business, 386-506-3012

Program Description

The program provides a solid foundation in procedural and substantive areas of law including reseach, drafting legal documents, interviewing clients and witnesses, investigative techniques, and managing law offices. Additionally, it prepares students to transfer to a four year program. It also provides eligible students with skills the student needs to take the Certified Legal Assistant/Certified Paralegal Examination offered by the National Association of Legal Assistants.

Graduates of this program are eligible to be enrolled in Daytona State College, Bachelor of Applied Science in Supervision and Management program. Call (386) 506-4BAS or email BASinfo@daytonastate.edu for details.

Note: This program is eligible for federal financial aid and state bright futures.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
GEB2430	Business Ethics	3.00	*Co-Reqs: ENC1101*
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103*
			Pre-Reqs: MAT1033 OR MAC1105
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**Humanities, Cultural & Aesthetic Core - CHOOSE ONE**		
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
… …	**Biological Sciences Core - CHOOSE ONE:**		
BSC1005	Survey of Biological Sciences (For Non-Science Majors)	3.00	*Co-Reqs: ENC1101*
BSC1020	Human Biology	3.00	*Co-Reqs: ENC1101*
… …	**Historical and Global Core - CHOOSE ONE:**		

AMH2010	United States History to 1877	3.00	*Co-Reqs: ENC1101*
AMH2020	US History 1865 to Present	3.00	*Co-Reqs: ENC1101*
AMH2042	American Social History 1860 to Present	3.00	*Co-Reqs: ENC1101*
AMH2045	American Maritime History	3.00	*Co-Reqs: ENC1101*
AMH2059	The Vietnam War	3.00	*Co-Reqs: ENC1101*
AMH2091	Survey of African American History	3.00	*Co-Reqs: ENC1101*
EUH2000	History of Western Civilization to 1648	3.00	*Co-Reqs: ENC1101*
EUH2001	History of Western Civilization from 1648 to Present	3.00	*Co-Reqs: ENC1101*
GEO2000	World Geography	3.00	*Co-Reqs: ENC1101*
GEO2420	Cultural Geography	3.00	*Co-Reqs: ENC1101*
INR2002	International Relations	3.00	*Co-Reqs: ENC1101*
PHI2001	Introduction of Philosophy I	3.00	*Pre-Reqs: ENC1101*
PHI2600	Introduction to Ethics	3.00	*Pre-Reqs: ENC1101*
REL2300	World Religion	3.00	*Co-Reqs: ENC1101*
WOH2012	World History I	3.00	*Co-Reqs: ENC1101*
WOH2022	World History II	3.00	*Co-Reqs: ENC1101*
… …	**Physical Sciences Core - CHOOSE ONE:**		
AST1002	Astronomy	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023*
MET2010	Meteorology	3.00	*Co-Reqs: MAT1033 AND ENC1101 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MAC2311 OR MGF2106*
PSC1121	Physical Science	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC2233 OR STA2023 OR MAC1114 OR MAC2313 OR MAP2302 OR MAC2312 OR MGF2107 OR MAC1140 OR MGF2106*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
BUL2241	Business Law I	3.00	
BUL2242	Business Law II	3.00	
CGS2100	Microcomputer Applications	3.00	
LIS2004	Introduction to Internet Information Research Resources	1.00	
OST1435	Legal Terminology	3.00	
PLA1003	Introduction to Paralegal	3.00	
PLA1103	Legal Writing and Research I	3.00	*Co-Reqs: ENC1101 AND BUL2241*
PLA1800	Law of Domestic Relations	3.00	
PLA2114	Legal Writing and Research II	3.00	*Pre-Reqs: ENC1101 AND PLA1103*
PLA2303	Criminal Law and the Paralegal	3.00	
PLA2880	Constitutional Law	3.00	*Co-Reqs: ENC1101*

Sample Program of Study

Course	Title	SEM HRS	
… …	**FIRST YEAR**		
… …	**1st Semester**		
BUL2241	Business Law I	3.00	
ENC1101	College Composition	3.00	
OST1435	Legal Terminology	3.00	
PLA1003	Introduction to Paralegal	3.00	
PLA1103	Legal Writing and Research I	3.00	*Co-Reqs: ENC1101 AND BUL2241*
… …	**2nd Semester**		

		SEM HRS	
BUL2242	Business Law II	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103* *Pre-Reqs: MAT1033 OR MAC1105*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
PLA1800	Law of Domestic Relations	3.00	
PLA2114	Legal Writing and Research II	3.00	*Pre-Reqs: ENC1101 AND PLA1103*

… … Summer Semester

		SEM HRS	
CGS2100	Microcomputer Applications	3.00	
LIS2004	Introduction to Internet Information Research Resources	1.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

… … SECOND YEAR
… … 1st Semester

		SEM HRS	
PLA2303	Criminal Law and the Paralegal	3.00	
GEB2430	Business Ethics	3.00	*Co-Reqs: ENC1101*
… …	**Historical and Global Core**	3.00	
… …	**Physical Sciences Core**	3.00	

… … 2nd Semester

		SEM HRS	
… …	**Boilogical Sciences Core**	3.00	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
PLA2880	Constitutional Law	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

TOTAL … 64.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Paramedic (Limited Access Program)

Program Information

A.S. Certificate - Code 0957 - Catalog 2009/2010

Louie Mercer, Director, 386-506-3171, mercerlo@daytonastate.edu

Elizabeth Rafferty, Senior Staff Assistant, 386-506-3249, daltone@daytonastate.edu

Program Description

The program trains students in the specialized and advanced skills and techniques required for emergency in-the-field pre-hospital care. Instruction covers IV therapy, advanced cardiac life support, advanced care skills for the patient in shock and telemetry and communications. It also provides additional information and skills practice to allow you to become proficient in the care of respiratory, medical and traumatic emergencies. The specific purpose of this program is to meet minimum requirements set by the Florida Department of Health, Bureau of Emergency Medical Services to allow you to take the Florida state certification examination for paramedic. Graduates of the program are eligible to take the Florida state board examination for paramedic. Graduates are qualified to work as advanced care providers on ambulances, in hospital emergency rooms, intensive care units and emergency helicopter transport agencies.

Job title: Paramedic.

Note: In order to take this program of study, students must already be a state-certified Florida EMT in good standing. Credits earned in this program may be counted in the Emergency Medical Services degree.

Please Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees - approximately $150.00 (each semester)

Textbooks/Equipment - $550.00 Entire Year

Uniforms - $200.00 Entire Year

The approximate cost for the Paramedic program is $ 5000.00

Fisdap-Computer Data Entry for Clinical Approx. $75.00

Additional Admission Requirements

All students must obtain an application from the EMS Program at the Daytona Beach Campus Building 320-022, application must be complete and submitted to the EMS Program prior to the stated deadline.

Attendance at the EMS Orientation Session is Mandatory- Date and Time will be announced by the EMS Program.

Must provide proof of current State of Florida certification as an Emergency Medical Technician in good standing.

Acceptable score on the TABE or CPT examinations.

Satisfactory results of a Florida Department of Law Enforcement background check.

Applicants who have sponsorship by their employing public safety agency will be given priority.

Careers

Paramedic Graduates have been employed at the local public safety agencies, theme parks and local hospitals.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
EMS2603	Paramedic I	9.00	*Co-Reqs: EMS2666 Conc-Reqs: EMS2603L*

EMS2603L Paramedic I Lab	4.00	*Co-Reqs: EMS2666 Conc-Reqs: EMS2603*
EMS2666 Paramedic Clinical I	1.00	*Co-Reqs: EMS2603 AND EMS2603L*
EMS2604 Paramedic II	9.00	*Co-Reqs: EMS2667*
		Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603
		Conc-Reqs: EMS2604L
EMS2604L Paramedic II Lab	3.00	*Co-Reqs: EMS2667*
		Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603
		Conc-Reqs: EMS2604
EMS2667 Paramedic Clinical II	2.00	*Co-Reqs: EMS2604L AND EMS2604*
		Pre-Reqs: EMS2603 AND EMS2603L
EMS2605 Paramedic III	8.00	*Co-Reqs: EMS2659 AND EMS2668*
		Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667
		Conc-Reqs: EMS2605L
EMS2605L Paramedic III Lab	3.00	*Co-Reqs: EMS2659 AND EMS2668*
		Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667
		Conc-Reqs: EMS2605
EMS2659 Paramedic Field Internship	3.00	*Co-Reqs: EMS2605L AND EMS2605*
		Pre-Reqs: EMS2667 AND EMS2604L AND EMS2604

Sample Program of Study

Course	Title		
… …	**First Semester**		
		SEM HRS	
EMS2603 Paramedic I	9.00		*Co-Reqs: EMS2666 Conc-Reqs: EMS2603L*
EMS2603L Paramedic I Lab	4.00		*Co-Reqs: EMS2666 Conc-Reqs: EMS2603*
EMS2666 Paramedic Clinical I	1.00		*Co-Reqs: EMS2603 AND EMS2603L*
… …	**Second Semester**		
		SEM HRS	
EMS2604 Paramedic II	9.00		*Co-Reqs: EMS2667*
			Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603
			Conc-Reqs: EMS2604L
EMS2604L Paramedic II Lab	3.00		*Co-Reqs: EMS2667*
			Pre-Reqs: EMS2666 AND EMS2603L AND EMS2603
			Conc-Reqs: EMS2604
EMS2667 Paramedic Clinical II	2.00		*Co-Reqs: EMS2604L AND EMS2604*
			Pre-Reqs: EMS2603 AND EMS2603L
… …	**Third Semester**		
		SEM HRS	
EMS2605 Paramedic III	8.00		*Co-Reqs: EMS2659 AND EMS2668*
			Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667
			Conc-Reqs: EMS2605L
EMS2605L Paramedic III Lab	3.00		*Co-Reqs: EMS2659 AND EMS2668*
			Pre-Reqs: EMS2604L AND EMS2604 AND EMS2667
			Conc-Reqs: EMS2605
EMS2659 Paramedic Field Internship	3.00		*Co-Reqs: EMS2605L AND EMS2605*
			Pre-Reqs: EMS2667 AND EMS2604L AND EMS2604
TOTAL	**…**	**42.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

In order to take this program of study, students must already be a state-certified Florida EMT in good standing. Credits earned in this program may be counted in the Emergency Medical Services Degree. The Paramedic program is certified through the Florida Department of Health, Bureau of Emergency Medical Services, and accredited through the Committee on Accreditation of Educational Programs for the

Emergency Medical Services Professions (CoAEMSP).

This program is eligible for federal financial aid and state bright futures.

Courses must be taken together in sequential order.

Please contact Beth Dalton at 386-506-3249 or email me at daltone@daytonastate.edu if you have any other questions.

Patient Care Assistant

Program Information

Vocational Certificate - Code 1076 - Catalog 2009/2010

Sheryl Gray, Assistant Chair, 386-506-3726, grays@daytonastate.edu

Toni Couzenza, Chair, ADN, 386-506-3922

Karen DAmadio, 386-506-3250, damadik@daytonastate.edu

Program Description

The program is designed for the student seeking employment as a nurse's aide in a hospital, long-term care facility or home health agency under the supervision of a licensed nurse. Clinical experience is provided at local extended care facilities, hospitals and other community agencies. Job title: Nursing Assistant. Graduates are eligible to take the Nurse Aide Competency Evaluation Program (NACEP) for certification as a nursing assistant in Florida.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

Lab Fees (including liability insurance) - $25

Textbook/Workbook Combo and Syllabus - $69.95

Uniform - $35

Laboratory Supplies - $33.33

NACEP Exam - $126 for resident residing in Fl longer than 5 years; $150 for those living in Fl less than 5 years

Additional Admission Requirements

-Score on the placement test for vocational programs which indicate language and reading ability at the 10th grade level and arithmetic ability at the 9th grade level or better.

-Completion of health screening to include: verification of immunization against tetanus, measles, mumps, rubella and Hepatitis 'B'; and negative test for tuberculosis.

-Satisfactory results of a Florida Department of Law Enforcement background check.

-Basic Cardiac Life Support (BLS) certification for healthcare providers to include adults, infant, children, and automatic external defibrillator (AED) affiliated with the American Heart Association or the American Red Cross.

-Program specific courses must be completed with a grade 'C' or better.

Program Specific Courses

Course	Title	VOC HRS	
HCP0600	Patient Care Assistant	3.34	*Conc-Reqs: HCP0600L*
HCP0600L	Patient Care Assistant Lab	6.33	*Conc-Reqs: HCP0600*

Course	**Dual Enrolled Option (High School Students Only)**	SEM HRS
… …		
HCP0731	Phlebotomy	1.00

Sample Program of Study

Course	Title		
… …	**1st Semester**		
		VOC	
		HRS	
HCP0600	Patient Care Assistant	3.34	*Conc-Reqs: HCP0600L*
HCP0600L	Patient Care Assistant Lab	6.33	*Conc-Reqs: HCP0600*

TOTAL VOC. HRS. **9.67**
TOTAL CONTACT HRS. **290.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Photographic Technology

Program Description

The program provides students with comprehensive aesthetic, technical and theoretical training within a wide range of photographic practices and imaging technologies. Students develop entry-level skills for the editorial, advertising, fine art and photo technology fields.

Successful completion of the A.S. Degree in Photographic Technology ensures a seamless transfer to the University of Central Florida Photography B.S. Degree program. The Photography B.S. program is a joint program between University of Central Florida and Daytona State College.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

* Lab Fees - $85 to $170 per semester (varies with individual schedule)

* Equipment - estimated $3,000 over entire program (see Photography department chair for start-up equipment needs)

* Individual film/paper and other supplies $750 to $1000

* Textbooks - $250 per semester

Additional Admission Requirements

All new and transfer students are required to meet with the department chair prior to registration

General Education Courses

Course	Title	SEM HRS	
ARH1000	Art Appreciation **OR**		*Co-Reqs: ENC1101*
ARH2051	Introduction to the History and Criticism of Art II	3.00	*Co-Reqs: ENC1101*
ENC1101	College Composition	3.00	
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103* *Pre-Reqs: MAT1033 OR MAC1105*
MGF2107	Mathematics for Liberal Arts	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103* *Pre-Reqs: MAT1033*
PSY1012	General Psychology **OR**		*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS

PGY1115	Color Materials and Processes	7.00	*Pre-Reqs: PGY1403 AND PGY1800*
PGY1201	Introduction to Studio and Location Photography	4.00	*Co-Reqs: PGY1806*
			Pre-Reqs: PGY1800 AND PGY1403
PGY1403	Fundamentals of Photography	4.00	*Co-Reqs: PGY1800*
PGY1800	Photography and the Digital Image	4.00	*Co-Reqs: PGY1403*
PGY1806	Digital Imaging	4.00	*Co-Reqs: PGY1201*
			Pre-Reqs: PGY1800 AND PGY1403
PGY2000	History and Aesthetics Photography	3.00	*Co-Reqs: ENC1101*
PGY2107	Large Format Photography	4.00	*Co-Reqs: PGY2650 AND PGY2215*
			Pre-Reqs: PGY2216
PGY2215	Professional Studio Portraiture	4.00	*Co-Reqs: PGY2650*
			Pre-Reqs: PGY1806 AND PGY1201
PGY2216	Location Photography	4.00	*Co-Reqs: PGY2107*
			Pre-Reqs: PGY2650 AND PGY2215
PGY2300	Field Survey of Professional Photography	3.00	
PGY2321	Professional Photographic Business Practices	4.00	
PGY2470	Advanced Photo Workshop **OR**		*Pre-Reqs: PGY2215 AND PGY2216*
PGY2935	Portfolio Workshop	4.00	*Pre-Reqs: PGY2215 AND PGY2216*

Sample Program of Study

Course		Title		
… …		**First Year**		
… …		**1st Semester**		
			SEM HRS	
ENC1101	College Composition		3.00	
PSY1012	General Psychology **OR**			*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology		3.00	*Co-Reqs: ENC1101*
PGY1403	Fundamentals of Photography		4.00	*Co-Reqs: PGY1800*
PGY1800	Photography and the Digital Image		4.00	*Co-Reqs: PGY1403*

		2nd Semester		
			SEM HRS	
MAC1105	College Algebra **OR**		3.00	*Pre-Reqs: MAT1033*
MGF2106	College Mathematics **OR**		3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103*
				Pre-Reqs: MAT1033 OR MAC1105
MGF2107	Mathematics for Liberal Arts		3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103*
				Pre-Reqs: MAT1033
PGY1201	Introduction to Studio and Location Photography		4.00	*Co-Reqs: PGY1806*
				Pre-Reqs: PGY1800 AND PGY1403
PGY1806	Digital Imaging		4.00	*Co-Reqs: PGY1201*
				Pre-Reqs: PGY1800 AND PGY1403
PGY2000	History and Aesthetics Photography		3.00	*Co-Reqs: ENC1101*

		Summer Semester		
			SEM HRS	
PGY1115	Color Materials and Processes		7.00	*Pre-Reqs: PGY1403 AND PGY1800*
PGY2300	Field Survey of Professional Photography		3.00	

		Second Year		
… …		**1st Semester**		
			SEM HRS	
ARH1000	Art Appreciation **OR**			*Co-Reqs: ENC1101*
ARH2051	Introduction to the History and Criticism of Art II		3.00	*Co-Reqs: ENC1101*

PGY2215	Professional Studio Portraiture	4.00	*Co-Reqs: PGY2650*
			Pre-Reqs: PGY1806 AND PGY1201
PGY2650	Editorial Photography	4.00	*Co-Reqs: PGY2215*
			Pre-Reqs: PGY1806 AND PGY1201
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

… … 2nd Semester

SEM HRS

PGY2107	Large Format Photography	4.00	*Co-Reqs: PGY2650 AND PGY2215*
			Pre-Reqs: PGY2216
PGY2216	Location Photography	4.00	*Co-Reqs: PGY2107*
			Pre-Reqs: PGY2650 AND PGY2215
PGY2470	Advanced Photo Workshop **OR**		*Pre-Reqs: PGY2215 AND PGY2216*
PGY2935	Portfolio Workshop	4.00	*Pre-Reqs: PGY2215 AND PGY2216*

TOTAL … **64.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

<u>Notes</u>

For assistance with career planning, contact your DSC Career Advisor through CareerServices@DaytonaState.edu or log www.myinterfase.com/student and create your personal career development account.

Photographic Technology

Program Description

The program provides students with comprehensive aesthetic, technical and theoretical training within a wide range of photographic practices and imaging technologies. Students develop entry-level skills for the editorial, advertising, fine art and photo technology fields.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

* Lab Fees - $85 to $170 per semester (varies with individual schedule)

* Equipment - estimated $3,000 over entire program (see the photography department chair for start-up equipment needs)

* Individual film/paper and other supplies - $500 - $1,000 per semester

* Textbooks - $250 per semester

* All new and transfer students ae required to meet with the department chair prior to registration

Additional Admission Requirements

The program provides students with comprehensive aesthetic, technical and theoretical training within a wide range of photographic practices and imaging technologies. Students develop entry-level skills for the editorial, advertising, fine art and photo technology fields.

General Education Courses

Course	Title	SEM HRS	
ARH1000	Art Appreciation **OR**		*Co-Reqs: ENC1101*
ARH2051	Introduction to the History and Criticism of Art II	3.00	*Co-Reqs: ENC1101*
ENC1101	College Composition	3.00	
MAT1033	*I*Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
PSY1012	General Psychology **OR**		*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
PGY1115	Color Materials and Processes	7.00	*Pre-Reqs: PGY1403 AND PGY1800*
PGY1201	Introduction to Studio and Location Photography	4.00	*Co-Reqs: PGY1806*
			Pre-Reqs: PGY1800 AND PGY1403
PGY1403	Fundamentals of Photography	4.00	*Co-Reqs: PGY1800*
PGY1800	Photography and the Digital Image	4.00	*Co-Reqs: PGY1403*
PGY1806	Digital Imaging	4.00	*Co-Reqs: PGY1201*
			Pre-Reqs: PGY1800 AND PGY1403
PGY2000	History and Aesthetics Photography	3.00	*Co-Reqs: ENC1101*

Physical Therapist Assistant (Limited Access Program)

Program Information

A.A.S. Degree - Code 3524 - Catalog 2009/2010

Robert Wagner, Assistant Chair

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

The program prepares graduates to work in physical therapy. Physical Therapy is a health and rehabilitation profession that provides services to individuals of all ages with physical dysfunction including those suffering from strokes, heart disease, arthritis, diabetes, serious burns, neurological and orthopedic disorders. The profession tailors the rehabilitation process individually for each patient and through evaluation and treatment, seeks to restore or improve impaired functions. Physical therapy strives to help patients attain a maximum level of independent living by developing the capacities that remain after disease, accident or deformity. Job title: Physical Therapist Assistant. The Physical Therapist Assistant program is accredited by the Commission on Accreditation in Physical Therapy Education. Graduates, upon completion of the program, apply for state licensure.

This program is accredited by the Commission on the Accreditation of Physical Therapy Education (CAPTE) - 1111 N. Fairfax Street, Alexandria, VA 22314. (703) 706-3245

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees (including liability insurance)- average $25.00 per semester

Textbooks - $700

Uniforms - $100

Laboratory Supplies - $25

Licensure Fees - $705

FDLE Background Screening $24

Additional Admission Requirements

-Program Prerequisite (courses must be completed with a grade of 'C' or better): BSC1085/1085L (Human Anatomy & Physiology I and Lab), ENC 1101 (College Composition I), PHT 1006 (Introduction to Physical Therapy), and MAT 1033 (Intermediate Algebra).

-Cumulative grade point average of 2.5 or better.

-Complete a minimum of 20 hours of observation with a licensed Physical Therapist or P.T.A. (Physical Therapist Assistant) evenly distributed between 3 different types of physical therapy settings - outpatient, inpatient, and long-term care.

-Submit the completed application to the School of Health Careers and Human Services.

-Program starts annually in January; applications are only submitted during the month of September.

-Student selection will be based on a point system and a pre-admission consultation.

-Attendance at a program information session. Dates will be announced.

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance contingent upon satisfactory results of the FDLE screening.

-Basic Cardiac Life Support (BLS) certification for health care providers to include adults, infants, children, and AED affiliated with the American Heart Association or American Red Cross.

-Program co requisites and Physical Therapist Assistant courses must be completed with a 'C' or better.

-Completion of health screening to include: recent physical examination; verficiation of immunization against tetanus, measles, mumps, rubella, varicella and Hepatitis 'B'; and PPD test for tuberculosis (or chest X-ray if indicated).

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	*Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: BSC1086L
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L*
			Conc-Reqs: BSC1086
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*

… …   Humanities, Cultural & Aesthetic Core -CHOOSE ONE:

Course	Title	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
PHT1006	Introduction to Physical Therapy	3.00	
PHT1128	Kinesiology of PTA	4.00	*Pre-Reqs: BSC1085C*
PHT1251	Patient Care Skills	2.00	*Conc-Reqs: PHT1251L*
PHT1251L	Patient Care Skills Lab	2.00	*Conc-Reqs: PHT1251*
PHT1300	Pathology for PTA	4.00	*Pre-Reqs: PHT1128 AND PHT2129 AND BSC1086L AND BSC1086*
PHT2129	Kinesiology for PTA II	2.00	*Pre-Reqs: PHT1128*
PHT2140	Rehabilitation Skills for PTA	3.00	*Pre-Reqs: PHT1300*
			Conc-Reqs: PHT2140L
PHT2140L	Rehabilitation Skills Lab	1.00	*Pre-Reqs: PHT1300*
			Conc-Reqs: PHT2140

PHT2211	Modalities I	2.00	*Pre-Reqs: PHT1006 AND PHT1251*
			Conc-Reqs: PHT2211L
PHT2211L	Modalities I Lab	1.00	*Pre-Reqs: PHT1006 AND PHT1251*
			Conc-Reqs: PHT2211
PHT2214	Modalities II	1.00	*Co-Reqs: PHT2214L*
			Pre-Reqs: PHT2211L AND PHT2211
PHT2214L	Modalities II Lab	1.00	*Co-Reqs: PHT2214*
PHT2220	Therapeutic Exercise I	3.00	*Pre-Reqs: PHT1251 AND PHT1006*
			Conc-Reqs: PHT2220L
PHT2220L	Therapeutic Exercise I Lab	2.00	*Co-Reqs: PHT2220*
			Pre-Reqs: PHT1006 AND PHT1251
			Conc-Reqs: PHT2220
PHT2221	Therapeutic Exercise II	4.00	*Pre-Reqs: PHT2220L AND PHT2220*
			Conc-Reqs: PHT2221L
PHT2221L	Therapeutic Exercise II Lab	2.00	*Pre-Reqs: PHT2220 AND PHT2220L*
			Conc-Reqs: PHT2221
PHT2235	Therapeutic Exercise III	4.00	*Pre-Reqs: PHT2221*
			Conc-Reqs: PHT2235L
PHT2235L	Therapeutic Exercise III Lab	2.00	*Pre-Reqs: PHT2221L*
			Conc-Reqs: PHT2235
PHT2804	PTA Clinical Practicum I	2.00	*Pre-Reqs: PHT2211L*
PHT2810	PTA Clinical Practicum II	2.00	*Pre-Reqs: PHT2804*
PHT2820	PTA Clinical Practicum III	3.00	

Sample Program of Study

Course	Title		
… …	**Prerequisite Courses**		
		SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*
PHT1006	Introduction to Physical Therapy	3.00	

Course	Title		
… …	**First Year - 1st Semester (Pro. Phase) Spring**		
		SEM HRS	
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: BSC1086L
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L*
			Conc-Reqs: BSC1086
PHT1128	Kinesiology of PTA	4.00	*Pre-Reqs: BSC1085C*
PHT1251	Patient Care Skills	2.00	*Conc-Reqs: PHT1251L*
PHT1251L	Patient Care Skills Lab	2.00	*Conc-Reqs: PHT1251*
PHT2220	Therapeutic Exercise I	3.00	*Pre-Reqs: PHT1251 AND PHT1006*
			Conc-Reqs: PHT2220L
PHT2220L	Therapeutic Exercise I Lab	2.00	*Co-Reqs: PHT2220*
			Pre-Reqs: PHT1006 AND PHT1251
			Conc-Reqs: PHT2220

Course	Title		
… …	**2nd Semester - Summer**		
		SEM HRS	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
PHT2211	Modalities I	2.00	*Pre-Reqs: PHT1006 AND PHT1251*
			Conc-Reqs: PHT2211L
PHT2211L	Modalities I Lab	1.00	*Pre-Reqs: PHT1006 AND PHT1251*
			Conc-Reqs: PHT2211
PHT2221	Therapeutic Exercise II	4.00	*Pre-Reqs: PHT2220L AND PHT2220*
			Conc-Reqs: PHT2221L

		SEM HRS	
PHT2221L	Therapeutic Exercise II Lab	2.00	*Pre-Reqs: PHT2220 AND PHT2220L*
			Conc-Reqs: PHT2221
PHT2129	Kinesiology for PTA II	2.00	*Pre-Reqs: PHT1128*

… …   Second Year - 1st Semester - Fall

		SEM HRS	
PHT2804	PTA Clinical Practicum I	2.00	*Pre-Reqs: PHT2211L*
PHT1300	Pathology for PTA	4.00	*Pre-Reqs: PHT1128 AND PHT2129 AND BSC1086L AND BSC1086*
PHT2214	Modalities II	1.00	*Co-Reqs: PHT2214L*
			Pre-Reqs: PHT2211L AND PHT2211
PHT2214L	Modalities II Lab	1.00	*Co-Reqs: PHT2214*
PHT2235	Therapeutic Exercise III	4.00	*Pre-Reqs: PHT2221*
			Conc-Reqs: PHT2235L
PHT2235L	Therapeutic Exercise III Lab	2.00	*Pre-Reqs: PHT2221L*
			Conc-Reqs: PHT2235

… …   2nd Semester - Spring

		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
PHT2140	Rehabilitation Skills for PTA	3.00	*Pre-Reqs: PHT1300*
			Conc-Reqs: PHT2140L
PHT2140L	Rehabilitation Skills Lab	1.00	*Pre-Reqs: PHT1300*
			Conc-Reqs: PHT2140
PHT2810	PTA Clinical Practicum II	2.00	*Pre-Reqs: PHT2804*
PHT2820	PTA Clinical Practicum III	3.00	
PHT2931	PTA Seminar	3.00	
TOTAL	**…**	**74.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

1. MAT 1033 fulfills general education requirements for AAS degree programs only.

Plumbing Apprentice - Union

Program Information

Apprenticeship - Code 1070 - Catalog 2009/2010

James Hildebrand, Adjunct Faculty, 386-252-7144, jamesh295@yahoo.com

Patricia Dyke, Coordinator, 386-506-3182, dykep@daytonastate.edu

NgocLang Root, Sr. Staff Assist, 386-506-3964, rootl@daytonastate.edu

Program Description

The Plumbers and Pipefitters Local Union #295 apprenticeship program is a state subsidized, five-year plumbing residential, commercial and industrial program. Apprentices begin with an OSHA safety course in which every passing student will be OSHA certified by a Daytona Beach Plumbers and Pipefitters Local Union #295 instructor. Students learn rules and regulations for the "craft" in the state of Florida. Courses include: math, drawing interpretation, welding, pipefitting, layout, rigging and signaling, tubing and instruction, basic air conditioning and refrigeration as well as use and care of tools. Apprentices receive extensive classroom and on-the-job training (OJT).

In most cases, a great deal of financial resources and energy are required to prepare for your career, but in a registered apprenticeship program, you are paid a progressively increased wage while you learn the occupation. The curriculum provides knowledge and skills training in all aspects of the plumbers and pipe fitters field. Apprentices are required to work a total of 10,000 hours of OJT and 1,230 class hours for successful completion of the program 5 year program. Classes are held at Daytona State College, Daytona Campus, 1200 West International Speedway Boulevard, Daytona Beach, FL 32120 and OJT is scheduled at various places of employment.

Note: The length of this program makes it ineligible for federal and state financial aid.

Additional Admission Requirements

THE ENTRY QUALIFICATIONS SHALL INCLUDE:

1. Potential apprentices must be 18 years of age or older at the time the application is completed at Daytona Beach Plumbers and Pipefitters Union Hall, 743 N. Beach Street, Daytona Beach, FL 32114.
2. Daytona Beach Plumbers and Pipefitters Union #295 Apprenticeship Committee must select first-year apprentices, before beginning the program. Please contact Jimmy Hildebrand (Training Director of Daytona Beach Plumbers and Pipefitters Union #295) at 386-252-7171, extension 12. Website for Daytona Beach Plumbers and Pipefitters Union #295 Apprenticeship Committee is www.ua295.org
3. High school diploma or GED equivalency is required for admission into the program. To be determined by Committee.
4. High school transcripts required. GED grades report required when applicable.
5. Valid driver's license and physically able to perform duties of trade.
6. One credit of high school algebra.
7. Take the industry's validated aptitude test and take a drug test prior to employment.

DAYTONA STATE COLLEGE ADMISSIONS REQUIREMENTS:

Students who have been selected by the committee must be admitted to Daytona State College by completing the Daytona State College Application for Admissions. The College does charge a one-time, non-refundable assessment fee to all students, at the time of initial enrollment.

Students will be registered for apprenticeship classes and on-the-job training through the appropriate apprenticeship committee.

Careers

Plumbers; pipefitters; welders; heating, ventitlation, air conditioning and refrigeration (HVACR) technicians

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title

		VOC	
		HRS	
BCA0450L	Plumbing Apprentice 1 Lab	21.33	
BCA0451	Plumbing Apprentice 2	4.10	*Conc-Reqs: BCA0451L*
BCA0451L	Plumbing Apprentice 2 Lab	22.66	*Conc-Reqs: BCA0451*
BCA0452L	Plumbing Apprentice 3 Lab	22.66	*Conc-Reqs: BCA0452*
BCA0452	Plumbing Apprentice 3	4.10	*Conc-Reqs: BCA0452L*
BCA0453L	Plumbing Apprentice 4 Lab	21.33	
BCA0454	Plumbing Apprentice 5	4.10	*Conc-Reqs: BCA0454L*
BCA0454L	Plumbing Apprentice 5 Lab	22.66	*Conc-Reqs: BCA0454*
BCA0455	Plumbing Apprentice 6	4.10	*Conc-Reqs: BCA0455L*
BCA0455L	Plumbing Apprentice 6 Lab	22.66	*Conc-Reqs: BCA0455*
BCA0456L	Plumbing Apprentice 7 Lab	21.33	
BCA0457L	Plumbing Apprentice 8 Lab	22.66	*Conc-Reqs: BCA0457*
BCA0457	Plumbing Apprentice 8	4.10	*Conc-Reqs: BCA0457L*
BCA0458L	Plumbing Apprentice 9 Lab	22.66	*Conc-Reqs: BCA0458*
BCA0458	Plumbing Apprentice 9	4.10	*Conc-Reqs: BCA0458L*
BCA0459L	Plumbing Apprentice 10 Lab	21.33	
BCA0431	Plumbing Apprentice 11	4.10	*Conc-Reqs: BCA0431L*
BCA0431L	Plumbing Apprentice 11 Lab	22.66	*Conc-Reqs: BCA0431*
BCA0432	Plumbing Apprentice 12	4.10	*Conc-Reqs: BCA0432*
BCA0432L	Plumbing Apprentice 12 Lab	22.66	*Conc-Reqs: BCA0432*
BCA0433L	Plumbing Apprentice 13 Lab	21.33	
BCA0434	Plumbing Apprentice 14	4.10	*Conc-Reqs: BCA0434L*
BCA0434L	Plumbing Apprentice 14 Lab	22.66	*Conc-Reqs: BCA0434*
BCA0435	Plumbing Apprentice 15	4.10	*Conc-Reqs: BCA0435*
BCA0435L	Plumbing Apprentice 15 Lab	22.66	*Conc-Reqs: BCA0435*
TOTAL	**LECTURE VOC. HRS.**	**41.00**	
TOTAL	**LECTURE CONTACT HRS.**	**1230.00**	
TOTAL	**OJT VOC. HRS.**	**333.33**	
TOTAL	**OJT CONTACT HRS.**	**10000.00**	

Notes

GENERAL INFORMATION:

Apprenticeship Programs are:

SKILLED BASED/APPLIED LEARNING CONSISTING OF:

Class Related Instruction

Usually 6 Hours per Week

On-the-Job Training (OJT)

Full-time Employment in Field

Approved by Florida Department of Education,

Apprenticeship Office of Workforce Education

JOURNEYMAN CERTIFICATE:

Awarded by Apprenticeship Office of Workforce Education,

Florida Department of Education on Successful Completion of Program

GRADUATES:

Graduates have been employed at local plumbing shops, paper mills or power generating plants and as contractors at Kennedy Space Center. Salaries average between $21.00 to $27.00+ an hour. Upon graduation students are awarded certificates from Daytona State College and the Florida Department of Education, Apprenticeship Office of Workforce Education. Graduates may acquire a travel card to work with sister Local Unions virtually anywhere in the United States. Those who successfully complete the program may decide to further their education and apply a portion of their hours toward an AAS degree in Industrial Management Technology. There are always additional courses and certificates that may be achieved through the United Association Training Department and Local Unions.

Practical Nursing (Limited Access Program)

Program Information

Vocational Certificate - Code 1095 - Catalog 2009/2010

Sheryl Gray, Assistant Chair, 386-506-3726, grays@daytonastate.edu

Toni Couzenza, Chair ADN/VOC, 386-506-3922

Karen D Amadio, 386-506-3250, damadik@daytonastate.edu

03/25/2009 M - 24.

Program Description

The program is designed for the student seeking licensure as a practical nurse in Florida. Healthcare employment opportunities are available in long term care, home health, hospitals and outpatient settings. Clinical experience is provided at local extended care facilities, hospitals and other community agencies. Job title: Licensed Practical Nurse.

Graduates are eligible to take the National Council Licensing Examination for Practical Nurses. Florida licensed practical nurses are eligible for admission to Daytona State's Transition into Professional Nursing Accelerated Associate Degree Program. Classes admitted in January and August at the Daytona Beach Campus and in January at the DeLand Campus

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees (including liability insurance and testing) -$415

Textbooks - $550

Uniforms - $150

Laboratory Supplies - $105

Graduation Fee - $10

NCLEX Exam - $405

Additional Admission Requirements

-High school diploma or equivalent (GED).

-Scores on the Daytona State placement test for vocational programs which indicate language, reading and arithmetic ability at the 11th grade level or better.

-Cumulative grade point average of 2.0 or better.

-Program Prerequisite: HSC 1000 (Introduction to Health Care) and BSC 1080 (Basic Anatomy and Physiology for Health Careers). Courses must be completed with a grade of 'C' or better.

-Completion of the TEAS Test-PN with minimum scores of 65 percentile composite and 60 percentile mathematics and reading or completion of the Nurse Entrance Test-PN at the 41st percentile or better in each category (mathematics, reading, and overall composite). The nurse entrance test will not be accepted after January 1, 2012.

-Applications submitted May and September. Students will be accepted based on specific admission criteria. Students must apply each application cycle until accepted based on the selection process.

-Completion of health screening to include: recent physical examination; verification of immunization against tetanus, measles, mumps, rubella, varicella and Hepatitis "B"; and negative test for tuberculosis.

-Basic Cardiac Life Support (BLS) certification for healthcare providers to include adults, infant, children, and automatic external defibrillator (AED) affiliated with the American Heart Association or the American Red Cross.

-Satisfactory results of a Florida Department of Law Enforcement background check.

-According to Florida Board of Nursing, convicted felons who have had their civil rights removed are not eligible to take the National Council Licensure Examination for Practical Nurses.

-Students will be held accountable for the policy and procedures of the nursing program as outlined in the nursing student policy handbook, as well as the college student handbook.

-Readmission and transfer nursing courses must have been taken within one year and evaluated by the nursing readmission and transfer committee. Transfers students are accepted on a limited basis depending on space availability.

Program Specific Courses

Course	Title	VOC HRS	
PRN0000	Introduction to Nursing	5.00	*Pre-Reqs: HSC1000 AND BSC1080 OR BSC0070* *Conc-Reqs: PRN0000L*
PRN0000L	Introduction to Nursing Lab	10.25	*Conc-Reqs: PRN0000*
PRN0120	Maternal/Child Health Nursing	1.80	*Co-Reqs: PRN0042 AND PRN0042L* *Pre-Reqs: PRN0000 AND PRN0000L* *Conc-Reqs: PRN0120L*
PRN0120L	Maternal/Child Health Nursing Lab	4.00	*Co-Reqs: PRN0042L AND PRN0042 Conc-Reqs: PRN0120*
PRN0200	Medical-Surgical Nursing I	4.80	*Pre-Reqs: BSC0070 OR HSC1000 OR BSC1085* *Conc-Reqs: PRN0200L*
PRN0200L	Medical-Surgical Nursing I Lab	10.38	*Conc-Reqs: PRN0200*
PRN0042	Home Health and Rehabilitation Nursing	1.80	*Co-Reqs: PRN0120 AND PRN0120L* *Pre-Reqs: PRN0000 AND PRN0000L* *Conc-Reqs: PRN0042L*
PRN0042L	Home Health and Rehabilitation Nursing Lab	4.00	*Conc-Reqs: PRN0042*

Sample Program of Study

Course	Title		
… …	**Prerequisite Course**	SEM HRS	
HSC1000	Introduction to Health Care	3.00	
BSC1080	Basic Anatomy and Physiology for Health Careers	3.00	
… …	**August Class - Fall**	VOC HRS	
PRN0000	Introduction to Nursing	5.00	*Pre-Reqs: HSC1000 AND BSC1080 OR BSC0070* *Conc-Reqs: PRN0000L*
PRN0000L	Introduction to Nursing Lab	10.25	*Conc-Reqs: PRN0000*
… …	**Spring**	VOC HRS	
PRN0200	Medical-Surgical Nursing I	4.80	*Pre-Reqs: BSC0070 OR HSC1000 OR BSC1085* *Conc-Reqs: PRN0200L*
PRN0200L	Medical-Surgical Nursing I Lab	10.38	*Conc-Reqs: PRN0200*
… …	**Summer Term A - 6 weeks**	VOC HRS	

PRN0042	Home Health and Rehabilitation Nursing	1.80	Co-Reqs: PRN0120 AND PRN0120L
			Pre-Reqs: PRN0000 AND PRN0000L
			Conc-Reqs: PRN0042L
PRN0042L	Home Health and Rehabilitation Nursing Lab	4.00	Conc-Reqs: PRN0042

… …	**Summer Term B - 6 weeks**		
		VOC	
		HRS	
PRN0120	Maternal/Child Health Nursing	1.80	Co-Reqs: PRN0042 AND PRN0042L
			Pre-Reqs: PRN0000 AND PRN0000L
			Conc-Reqs: PRN0120L
PRN0120L	Maternal/Child Health Nursing Lab	4.00	Co-Reqs: PRN0042L AND PRN0042 Conc-Reqs: PRN0120

… …	**January Class - Spring**		
		VOC	
		HRS	
PRN0000	Introduction to Nursing	5.00	Pre-Reqs: HSC1000 AND BSC1080 OR BSC0070
			Conc-Reqs: PRN0000L
PRN0000L	Introduction to Nursing Lab	10.25	Conc-Reqs: PRN0000

… …	**Summer Term A - 6 weeks**		
		VOC	
		HRS	
PRN0042	Home Health and Rehabilitation Nursing	1.80	Co-Reqs: PRN0120 AND PRN0120L
			Pre-Reqs: PRN0000 AND PRN0000L
			Conc-Reqs: PRN0042L
PRN0042L	Home Health and Rehabilitation Nursing Lab	4.00	Conc-Reqs: PRN0042

… …	**Summer Term B - 6 weeks**		
		VOC	
		HRS	
PRN0120	Maternal/Child Health Nursing	1.80	Co-Reqs: PRN0042 AND PRN0042L
			Pre-Reqs: PRN0000 AND PRN0000L
			Conc-Reqs: PRN0120L
PRN0120L	Maternal/Child Health Nursing Lab	4.00	Co-Reqs: PRN0042L AND PRN0042 Conc-Reqs: PRN0120

… …	**Fall**		
		VOC	
		HRS	
PRN0200	Medical-Surgical Nursing I	4.80	Pre-Reqs: BSC0070 OR HSC1000 OR BSC1085
			Conc-Reqs: PRN0200L
PRN0200L	Medical-Surgical Nursing I Lab	10.38	Conc-Reqs: PRN0200

TOTAL	SEM. HRS	**6.00**	
TOTAL	VOC. HRS.	**42.03**	
TOTAL	CONTACT HRS.	**1350.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Pre-School Specialization

Program Information

A.S. Certificate - Code 0811 - Catalog 2009/2010

Mary Rodgers, Assistant Chair, 386-506-3113, rodgerm@daytonastate.edu

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

This program provides students with the knowledge and skills necessary to function as preschool teachers and caregivers. With this certificate students can work as caregivers in private or public preschools, paraprofessionals in public schools, or VPK teachers in public schools, child care facilities or preschools. This certificate program meets all the requirements for the National CDA (Child Development Associate Certificate). All the required courses in this certificate program can be applied toward the AS Degree in Early Childhood Education.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

FDLE Background Check - $24

Additional Admission Requirements

In addition to the required courses, students will be required to have a current approved certificate in first aid and infant/child CPR and the mandated DCF child care training hours.

Program Specific Courses

Course	Title	SEM HRS
CHD1220	Child Growth and Development	3.00
CHD2320	Curriculum Planning for Early Childhood	3.00
CHD2930	Special Topics in Early Childhood	1.00
EEC2401	Home, School and Community	2.00
CHD1430	Observation, Recording and Assessment	3.00
TOTAL	…	**12.00**

Public Safety Telecommunications (Limited Access Program)

Program Information

Vocational Certificate - Code 1038 - Catalog 2009/2010

Louie Mercer, Director, 386-506-3171, mercerlo@daytonastate.edu

03/27/2009 M - 34

Program Description

This program prepares students for employment as telecommunicators in various public safety settings, such as police, fire, and ambulance services. Students will learn standard telecommunication operating procedures and computer operation.

Graduates are eligible to take the National Academies of Emergency Dispatch Certification Examination.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

National Academies of Emergency Dispatch Examination: $150.00

Additional Admission Requirements

Must be 18 years of age or older.

Must have a high school diploma or GED.

Must pass a basic skills exam (TABE) Mathematics 10.0, Language 10.0, and Reading 10.0.

Must have Basic keyboard skills.

Must attend all scheduled classes. An absence must be approved by the Criminal Justice Coordinator and make up work will be completed.

Must wear an academy approved uniform shirt with School of Emergency Services emblem.

Dual Enrollment students must have a 2.5 GPA to take the class and pass the basic skills exam.

Must complete the department application process.

Program Specific Courses

Course	Title	VOC HRS
EMS0068	Dispatcher, Police, Fire, and Ambulance	6.93
EMS0069	Emergency Medical Dispatcher	0.80

Sample Program of Study

Course	Title	VOC HRS
EMS0068	Dispatcher, Police, Fire, and Ambulance	6.93
EMS0069	Emergency Medical Dispatcher	0.80
… …	**Total Voc. Crs.**	7.73
… …	**Total Contact Hours**	232.00

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Notes

For assistance with career planning, contact your Daytona State College Career Advisor through CareerServices@daytonastate.edu

Radiography (Limited Access Program)

Program Information

A.S. Degree - Code 2037 - Catalog 2009/2010

Darcie Nethery, Assistant Chair

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

06/26/2009 M - 40(

Program Description

The program provides a multi-skilled comprehensive education for students in the radiologic sciences. The program promotes standards to meet and exceed outcomes of service-oriented professionals that are entry level into the profession while promoting multi-competent continuing education.

This program is sponsored by Halifax Health Medical Center and accredited by the Joint Review Committee on Education in Radiologic Technology. JRCERT may be contacted at 20 North Wacker Drive, Suite 2850, Chicago, Illinois 60606-3182. Phone 312-704-5300. www.jrcert.org

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Students will be responsible for applicable Halifax Health Medical Center fees.

Additional Admission Requirements

-All Required Prerequisites: BSC1085/1085L (Human Anatomy and Physiology I and Lab), ENC 1101 (College Composition), MAC 1105 (College Algebra) , General Education (CGS 2100, PSY 1012, Core Elective) and Program (RTE) courses must be completed with a grade of 'C' or better.

-A minimum of 2.0 GPA is required.

-Prior to declaring a major in Radiography, the student must successfully complete the program application process. Applications and specific application information may be obtained at the program office at Halifax Health Medical Center. To receive a complete applicant packet, please contact 386-254-4075 and select option 2 or email your physical mailing address to Darcie.Nethery@halifax.org.

-Prospective students must be of good physical and mental health.

-A pre-admission consultation with the assistant chair is strongly recommended after applicant packet is received.

Careers

Radiologic Technologist

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*

BSC1085L Human Anatomy and Physiology I Lab   1.00   *Co-Reqs: ENC1101 Conc-Reqs: BSC1085*

**… …   Humanities, Cultural & Aesthetic Core
         - CHOOSE ONE:**

		SEM HRS	
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CGS2100	Microcomputer Applications	3.00	
RTE1000	Fundamentals of Radiologic Technology	1.00	
RTE1001	Medical Terminology for Radiographers	1.00	
RTE1418	Radiographic Exposures and Processing	2.00	
RTE1457	Radiographic Exposures II	2.00	*Pre-Reqs: RTE1418*
RTE1503	Radiographic Procedures I	2.00	
RTE1503L	Radiographic Procedures Lab I	1.00	*Co-Reqs: RTE1503*
RTE1513	Radiographic Procedures II	2.00	*Pre-Reqs: RTE1503 AND RTE1503L*
RTE1513L	Radiographic Procedures Lab II	1.00	*Co-Reqs: RTE1513*
RTE1523	Radiographic Procedures III	2.00	*Pre-Reqs: RTE1513 AND RTE1513L*
RTE1804	Radiographic Clinical Education I	3.00	
RTE1814	Radiographic Clinical Education II	3.00	*Pre-Reqs: RTE1804*
RTE1824	Radiographic Clinical Education III	5.00	*Pre-Reqs: RTE1814*
RTE2385	Radiation Biology and Protection	2.00	
RTE2473	Quality Management in Radiography	1.00	
RTE2563	Selected Radiographic Special Procedures I	3.00	
RTE2573	Selected Radiographic Special Procedures II	3.00	*Pre-Reqs: RTE2563*
RTE2613	Radiation Physics I	3.00	
RTE2623	Radiation Physics II	3.00	*Pre-Reqs: RTE2613*
RTE2782	Radiographic Pathology	1.00	
RTE2834	Radiographic Clinical Education IV	5.00	*Pre-Reqs: RTE1824*
RTE2844	Radiographic Clinical Education V	6.00	*Pre-Reqs: RTE2834*
RTE2854	Radiographic Clinical Education VI	5.00	*Pre-Reqs: RTE2844*
RTE2930	Radiographic Image Critique	1.00	

Sample Program of Study

Course	Title
… …	**Incomplete Information**
… …	**Prerequisite Courses**

		SEM HRS	
ENC1101	College Composition	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*

… … First Year - Spring Semester

		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
RTE1000	Fundamentals of Radiologic Technology	1.00	
RTE1001	Medical Terminology for Radiographers	1.00	
RTE1418	Radiographic Exposures and Processing	2.00	
RTE1804	Radiographic Clinical Education I	3.00	
RTE1503	Radiographic Procedures I	2.00	
RTE1503L	Radiographic Procedures Lab I	1.00	*Co-Reqs: RTE1503*

… … Summer Semester

		SEM HRS	
RTE1457	Radiographic Exposures II	2.00	*Pre-Reqs: RTE1418*
RTE1503	Radiographic Procedures I	2.00	
RTE1503L	Radiographic Procedures Lab I	1.00	*Co-Reqs: RTE1503*
RTE1814	Radiographic Clinical Education II	3.00	*Pre-Reqs: RTE1804*

… … Fall Semester

		SEM HRS	
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
CGS2100	Microcomputer Applications	3.00	
RTE1523	Radiographic Procedures III	2.00	*Pre-Reqs: RTE1513 AND RTE1513L*
RTE1824	Radiographic Clinical Education III	5.00	*Pre-Reqs: RTE1814*

… … Second Year - Spring Semester

		SEM HRS	
RTE2563	Selected Radiographic Special Procedures I	3.00	
RTE2613	Radiation Physics I	3.00	
RTE2834	Radiographic Clinical Education IV	5.00	*Pre-Reqs: RTE1824*
RTE2930	Radiographic Image Critique	1.00	

… … Fall Semester

		SEM HRS	
RTE2573	Selected Radiographic Special Procedures II	3.00	*Pre-Reqs: RTE2563*
RTE2623	Radiation Physics II	3.00	*Pre-Reqs: RTE2613*
RTE2844	Radiographic Clinical Education V	6.00	*Pre-Reqs: RTE2834*

… … Spring/Summer Semester

		SEM HRS	
RTE2385	Radiation Biology and Protection	2.00	
RTE2473	Quality Management in Radiography	1.00	
RTE2782	Radiographic Pathology	1.00	
RTE2854	Radiographic Clinical Education VI	5.00	*Pre-Reqs: RTE2844*

TOTAL … 77.00

Respiratory Care (Limited Access Program)

Program Description

This program provides training in the use of special equipment, medications and other diagnostic and therapeutic modalities to assist in the diagnosis and treatment of patients who need temporary, emergency or long-term cardiopulmonary assistance. Students learn to administer medical gases, humidity and aerosol therapy, use positive pressure breathing machines, perform pulmonary drainage and clearance procedures, manage patient airways, perform pulmonary rehabilitation and home care, manage short and long term continuous mechanical ventilation and perform a variety of other special procedures.

Graduates are eligible to take the entry-level Certified Respiratory Therapist (CRT) and advanced practitioner Registered Respiratory Therapist (RRT) examinations, of the National Board for Respiratory Care (NBRC) and are eligible for licensure in the state of Florida.

The Respiratory Care Program is accredited by the Committee on the Accreditation of Respiratory Care [CoARC], 1248 Harwood Road, Bedford, Texas 76021-4244 [817] 283-2835.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab Fees - Refer to individual RET course descriptions

Uniforms - $150

Stethoscope/Scissors - $50

Textbooks - approx. $1,000

FDLE Background screening - $24

Additional Admission Requirements

-Applicants must achieve minimum scores on the College Level Placement Test (CPT).

-Program Prerequisites (courses must be completed with a grade of 'C' or better): BSC 1085/1085L (Human Anatomy and Physiology I and Lab) and ENC 1101 (College Composition I).

-Basic Cardiac Life Support for Health Care Provider and AED through American Heart Association or American Red Cross.

-Submit completed application to the School of Health Careers and Human Services.

-Applications are accepted anytime during the year.

-Selection is made once per year based on the date of the School of Health Careers and Human Services application. This is based on first come, first served, of those who meet the other admission criteria.

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance is contingent upon satisfactory results of the FDLE screening.

-A pre-admission consultation with the assistant chair is recommended.

-Program specific courses and general education courses must be completed with a grade 'C' or better.

-Physical exam and BCLS CPR Card are due on the first day of class.

-Effective Fall 2010, the applicants will need a 2.5 Cumulative GPA.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085 Conc-Reqs: BSC1086L*
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L Conc-Reqs: BSC1086*
CLP2001	Psychology of Adjustment **OR**	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
CHM1025	Introductory to Chemistry	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107 Conc-Reqs: CHM1025L*
CHM1025L	Introduction to Chemistry Lab **OR**	1.00	*Conc-Reqs: CHM1025*
MCB1010L	Microbiology Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010*
MCB1010	Microbiology	3.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010L*

… … Humanities, Cultural & Aesthetic Core - CHOOSE ONE

Course	Title	SEM HRS	
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
RET1024	Introduction to Respiratory Care	1.00	*Conc-Reqs: RET1024L*
RET1024L	Introduction to Respiratory Care Lab	1.00	*Conc-Reqs: RET1024*
RET1026	Fundamentals of Respiratory Care I	3.00	*Co-Reqs: RET1024L AND RET1024 Conc-Reqs: RET1026L*
RET1026L	Fundamentals of Respiratory Care I Lab	1.00	*Conc-Reqs: RET1026*

RET1264	Fundamentals of Respiratory Care II	3.00	*Pre-Reqs: RET1026C OR RET1026*
			Conc-Reqs: RET1264L
RET1264L	Fundamentals of Respiratory Care II Lab	1.00	*Conc-Reqs: RET1264*
RET1265	Mechanical Ventilation	4.00	*Co-Reqs: RET1264*
			Pre-Reqs: RET1026C OR RET1026
RET1293	Cardiopulmonary Medicine	3.00	*Pre-Reqs: BSC1085C AND RET1485 OR BSC1085*
RET1414	Cardiopulmonary Diagnostics	3.00	*Co-Reqs: RET1833*
			Pre-Reqs: RET1264
RET1485	Cardiopulmonary Anatomy and Physiology	3.00	
RET1534	Special Topics in Respiratory Care I	3.00	*Pre-Reqs: RET1293*
RET1832	Clinical Respiratory Care I	4.00	*Co-Reqs: RET1264*
RET1833	Clinical Respiratory Care II	2.00	*Pre-Reqs: RET1832 AND RET1264*
RET2280	Fundamentals of Respiratory Care III	3.00	*Pre-Reqs: RET1264 AND RET1264L*
RET2483	Patient Assessment and Interaction	1.00	*Conc-Reqs: RET2483L*
RET2483L	Patient Assessment and Interaction Lab	1.00	*Conc-Reqs: RET2483*
RET2714	Special Topics in Respiratory Care II	3.00	*Pre-Reqs: RET1485 AND RET1293*
RET2876	Clinical Respiratory Care III	4.00	*Pre-Reqs: RET1833 AND RET1832*
RET2877	Clinical Respiratory Care IV	4.00	*Pre-Reqs: RET2876*
RET2934	Respiratory Care Seminar	3.00	

Sample Program of Study

Course	Title		
… …	**Prerequisite Courses**		

		SEM HRS	
ENC1101	College Composition	3.00	
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*

… …	**First Year - 1st Semester - Fall**		
		SEM HRS	
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085*
			Conc-Reqs: BSC1086L
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L*
			Conc-Reqs: BSC1086
RET1024	Introduction to Respiratory Care	1.00	*Conc-Reqs: RET1024L*
RET1024L	Introduction to Respiratory Care Lab	1.00	*Conc-Reqs: RET1024*
RET1026	Fundamentals of Respiratory Care I	3.00	*Co-Reqs: RET1024L AND RET1024 Conc-Reqs: RET1026L*
RET1026L	Fundamentals of Respiratory Care I Lab	1.00	*Conc-Reqs: RET1026*
RET1485	Cardiopulmonary Anatomy and Physiology	3.00	
RET2483	Patient Assessment and Interaction	1.00	*Conc-Reqs: RET2483L*
RET2483L	Patient Assessment and Interaction Lab	1.00	*Conc-Reqs: RET2483*

… …	**2nd Semester - Spring**		
		SEM HRS	
CLP2001	Psychology of Adjustment **OR**	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
RET1264	Fundamentals of Respiratory Care II	3.00	*Pre-Reqs: RET1026C OR RET1026*
			Conc-Reqs: RET1264L
RET1264L	Fundamentals of Respiratory Care II Lab	1.00	*Conc-Reqs: RET1264*
RET1265	Mechanical Ventilation	4.00	*Co-Reqs: RET1264*
			Pre-Reqs: RET1026C OR RET1026
RET1293	Cardiopulmonary Medicine	3.00	*Pre-Reqs: BSC1085C AND RET1485 OR BSC1085*
RET1832	Clinical Respiratory Care I	4.00	*Co-Reqs: RET1264*

… …	**Summer Semester (10 Weeks)**		
		SEM HRS	
RET1414	Cardiopulmonary Diagnostics	3.00	*Co-Reqs: RET1833*
			Pre-Reqs: RET1264

| RET1534 | Special Topics in Respiratory Care I | 3.00 | *Pre-Reqs: RET1293* |
| RET1833 | Clinical Respiratory Care II | 2.00 | *Pre-Reqs: RET1832 AND RET1264* |

… … Second Year - 1st Semester - Fall

		SEM HRS	
MAT1033	Intermediate Algebra	4.00	*Pre-Reqs: MAT0024*
RET2280	Fundamentals of Respiratory Care III	3.00	*Pre-Reqs: RET1264 AND RET1264L*
RET2714	Special Topics in Respiratory Care II	3.00	*Pre-Reqs: RET1485 AND RET1293*
RET2876	Clinical Respiratory Care III	4.00	*Pre-Reqs: RET1833 AND RET1832*

… … 2nd Semester - Spring

		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
CHM1025	Introductory to Chemistry	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1140 OR MAC2311 OR MAC2233 OR MAP2302 OR MAC1114 OR MAC1105 OR MAC2312 OR MAC2313 OR STA2023 OR MGF2106 OR MGF2107 Conc-Reqs: CHM1025L*
CHM1025L	Introduction to Chemistry Lab **OR**	1.00	*Conc-Reqs: CHM1025*
MCB1010	Microbiology	3.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010L*
MCB1010L	Microbiology Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010*
RET2877	Clinical Respiratory Care IV	4.00	*Pre-Reqs: RET2876*
RET2934	Respiratory Care Seminar	3.00	
TOTAL	**…**	**76.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

School Age Specialization

Program Description

This program provides students with the knowledge and skills to plan activities that help school-age children develop interpersonal skills and their own self-concept, to promote multicultural understanding and cooperative learning strategies. It prepares students to work as teachers and/or child care workers in After-School Programs in Child Care Facilities, Public After-School Programs, YMCA programs and Summer Camp Programs. All the required courses in this certificate program can be applied toward the AS Degree in Early Childhood Education.

Note: The length of this program makes it ineligible for federal and state financial aid.

Approximate Additional Costs

FDLE Background Check - $24

Additional Admission Requirements

In addition to the required courses, students will be required to have a current approved certificate in first aid, a child CPR, and the mandated DCF child care training hours.

Program Specific Courses

Course	Title	SEM HRS	
CHD2382	Planning Curriculum for School-Age Care Programs	3.00	
CHD2236	Introduction to School-Age Child Care	3.00	
CHD2334	Language Arts for the Young Child	3.00	*Conc-Reqs: CHD2334L*
CHD2334L	Language Arts Activities Lab	1.00	*Conc-Reqs: CHD2334*
EEC2401	Home, School and Community	2.00	
TOTAL	…	**12.00**	

Simulation and Robotics Technology

Program Description

The Simulation and Robotics Technology program provides students with the technical credentials needed for high technology careers in simulator installation, maintenance, service and support. This program provides a thorough foundation in basic electronics and computer networking. Students also acquire skills required for specific simulator operation, testing, and troubleshooting.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Lab fees will be assessed for courses requiring specialized tools/equipment. See catalog descriptions for program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*

… … Behavioral & Human Sciences Core- CHOOSE ONE:

Course	Title	SEM HRS	
DEP2004	Developmental Psychology	3.00	*Co-Reqs: ENC1101*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*

… … Humanities, Cultural & Aesthetic Core -CHOOSE ONE:

Course	Title	SEM HRS	
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*

MUL1010 Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380 Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000 Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
CAP1801	Simulation Fundamentals	3.00	
COP1000	Principles of Computer Programming	3.00	
CAP2023	Introduction to Game Programming **OR**	3.00	
COP2220	Computer Programming "C" **OR**	3.00	*Pre-Reqs: COP1000 OR MAC1105*
COP2001	Computer Programming "C++"	2.00	*Pre-Reqs: COP1000*
			Conc-Reqs: COP2001L
COP2001L	Computer Programming "C++" Lab	1.00	*Conc-Reqs: COP2001*
CAP2804	Advanced Simulation Systems	4.00	
CAP2949	Cooperative Education Experience in Simulation	3.00	
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
CET2154	A+:Computer Operating Systems	4.00	
CGS2100	Microcomputer Applications	3.00	
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024*
			Conc-Reqs: EET1011L
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105*
			Pre-Reqs: EET1011L AND EET1011
			Conc-Reqs: EET1021L
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
EGS1000	Professional Performance for Technicians	3.00	
ETM2315	Simulation Power and Control	2.00	*Pre-Reqs: EET1021 AND COP1000*
			Conc-Reqs: ETM2315L
ETM2315L	Simulation Power and Control Lab	1.00	*Conc-Reqs: ETM2315*

Sample Program of Study

Course	Title		
… …	**First Year**		
… …	**1st Semester**		
		SEM HRS	
ENC1101	College Composition	3.00	
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
COP1000	Principles of Computer Programming	3.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024*
			Conc-Reqs: EET1011L
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*

… … 2nd Semester

		SEM HRS	
CAP1801	Simulation Fundamentals	3.00	
CET2154	A+:Computer Operating Systems	4.00	
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105*
			Pre-Reqs: EET1011L AND EET1011
			Conc-Reqs: EET1021L
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
CET1600	Network Plus	4.00	

… …	**Summer A**		
		SEM HRS	
CGS2100	Microcomputer Applications	3.00	

… …	**Summer B**		
		SEM HRS	
… …	**Behavioral & Human Sciences Core**	3.00	

… …	**Second Year**		
… …	**1st Semester**		
		SEM HRS	
ETM2315	Simulation Power and Control	2.00	*Pre-Reqs: EET1021 AND COP1000*
			Conc-Reqs: ETM2315L
ETM2315L	Simulation Power and Control Lab	1.00	*Conc-Reqs: ETM2315*
CAP2023	Introduction to Game Programming **OR**	3.00	
COP2220	Computer Programming "C" **OR**	3.00	*Pre-Reqs: COP1000 OR MAC1105*
COP2001	Computer Programming "C++"	2.00	*Pre-Reqs: COP1000*
			Conc-Reqs: COP2001L
COP2001L	Computer Programming "C++" Lab	1.00	*Conc-Reqs: COP2001*
CET1112	Digital Fundamentals	3.00	*Conc-Reqs: CET1112L*
CET1112L	Digital Fundamentals Lab	1.00	*Conc-Reqs: CET1112*
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*

… …	**2nd Semester**		
		SEM HRS	
… …	**Humanities, Cultural & Aesthetic Core**	3.00	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
CAP2804	Advanced Simulation Systems	4.00	
CAP2949	Cooperative Education Experience in Simulation	3.00	
EGS1000	Professional Performance for Technicians	3.00	
TOTAL	**…**	**68.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Surgical Technology (Limited Access Program)

Program Information

Vocational Certificate - Code 1092 - Catalog 2009/2010

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Linda Miles, Assistant Dean, 386-506-3823

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Program Description

The program offers the student an opportunity to develop the technical ability, knowledge and skills required for entry level employment in any surgical setting, hospital operating room or free standing healthcare facility, as a member of the surgical team. The educational process is accomplished by classroom lecture, intense training in a mock operating room lab setting, and transition to operating rooms in local healthcare facilities.

Graduates are eligible to take the certification exam and receive national recognition as a Certified Surgical Technologist. This program is accredited by the Commission on Accreditation for Allied Health Education Programs. Classes admitted in August at the Daytona Beach Campus.

The Surgical Technology Program is accredited by the Commission on Accreditation of Allied Health Education Programs upon the recommendation of the Accreditation Review Committee for Education in Surgical Technology (ARC-ST).

Information may be obtained from CAAHEP, 1361 Park Street, Clearwater, FL 33756; (727) 210-2350 and ARC-ST, 6 W. Dry Creek Circle, Suite 210, Littleton, CO 80120; (303) 694-9262.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Uniforms/Lab Coats (Required) - $175

Textbooks - $750

Lab Fees - $107

Graduation - $10

FDLE Background Screening - $24

Additional Admission Requirements

-Completion of Prerequisites (courses must be completed with a grade of 'C' or better before submitting an application to the program): BSC 1080 (Basic Anatomy & Physiology for Health Careers), HSC 1531 (Medical Terminology), INP 1390 (Human Relations in the Workplace).

-Attend mandatory program information session.

-Submit the completed application to the School of Health Careers and Human Services.

-Selection is made once per year based on cumulative GPA of at least 2.0 or better, completion of pre-requisite courses with a grade of C or better, and pre-admission consultation.

-Basic Cardiac Life Support for Health Care Provider and AED through American Heart Association or American Red Cross.

-Health Insurance mandatory.

-A physical examination is required prior to the first day of class.

-Florida Department of Law Enforcement (FDLE) background check must be completed prior to the first day of class. Final program acceptance is contingent upon satisfactory results of the FDLE screening.

-A pre-admission consultation with the assistant chair is required prior to program admission.

-Program specific courses and general education courses must be completed with a grade 'C' or better.

Program Specific Courses

Course	Title	VOC HRS	
STS0003	Introduction to Surgical Technology	2.03	
STS0120	Surgical Specialities I	2.03	*Pre-Reqs: BSC1080 AND HSC1531 AND INP1390*
STS0121	Surgical Specialities II	2.77	*Pre-Reqs: STS0120*
STS0122	Surgical Specialities III	1.00	*Pre-Reqs: STS0121*
STS0155	Surgical Techniques and Procedures	3.20	*Co-Reqs: STS0003 Conc-Reqs: STS0155L*
STS0155L	Surgical Techniques and Procedures Lab	3.20	*Conc-Reqs: STS0155*
STS0255L	Surgical Procedures Clinical I	6.40	*Co-Reqs: STS0003 AND STS0155 AND STS0120*
STS0256L	Surgical Procedures Clinical II	12.50	*Co-Reqs: STS0121*
			Pre-Reqs: STS0255L AND STS0003 OR STS0155
STS0257L	Surgical Procedures Clinical III	5.20	*Co-Reqs: STS0122*
			Pre-Reqs: STS0256L AND STS0255L

Sample Program of Study

Course	Title	SEM HRS	
… …	**Prerequisite Courses**		
HSC1531	Medical Terminology	4.00	
INP1390	Human Relations in the Workplace	3.00	*Co-Reqs: ENC1101*
BSC1080	Basic Anatomy and Physiology for Health Careers	3.00	

Course	Title	VOC HRS	
… …	**1st Semester - Fall**		
STS0003	Introduction to Surgical Technology	2.03	
STS0120	Surgical Specialities I	2.03	*Pre-Reqs: BSC1080 AND HSC1531 AND INP1390*
STS0155	Surgical Techniques and Procedures	3.20	*Co-Reqs: STS0003 Conc-Reqs: STS0155L*
STS0155L	Surgical Techniques and Procedures Lab	3.20	*Conc-Reqs: STS0155*
STS0255L	Surgical Procedures Clinical I	6.40	*Co-Reqs: STS0003 AND STS0155 AND STS0120*

Course	Title	VOC HRS	
… …	**2nd Semester - Spring**		
STS0121	Surgical Specialities II	2.77	*Pre-Reqs: STS0120*
STS0256L	Surgical Procedures Clinical II	12.50	*Co-Reqs: STS0121*
			Pre-Reqs: STS0255L AND STS0003 OR STS0155

Course	Title	VOC HRS	
… …	**3rd Semester - Summer**		
STS0122	Surgical Specialities III	1.00	*Pre-Reqs: STS0121*
STS0257L	Surgical Procedures Clinical III	5.20	*Co-Reqs: STS0122*
			Pre-Reqs: STS0256L AND STS0255L

TOTAL	SEM. HRS.	**10.00**
TOTAL	VOC. HRS.	**38.33**
TOTAL	CONTACT HRS.	**1300.00**

Transition Into Professional Nursing (Accelerated Associate Degree) (Limited Access Program)

Program Information
A.S. Degree - Code 2271 - Catalog 2009/2010

Toni Couzenza, Chair, Associate Degree Nursing, 386-506-3922

Linda Miles, Assistant Dean, 386-506-3823

Karen DAmadio, 386-506-3250, damadik@daytonastate.edu

06/05/2009 M - 38

Program Description
The National League for Nursing Accrediting Commission accredited program is designed for Licensed Practical Nurses (LPN), Paramedic, or Registered Respiratory Therapists (RRT) seeking an associate of science degree in nursing. Healthcare employment opportunities are available in long term care, home health, hospitals, and out patient settings. Clinical experience is provided at local extended care facilities, hospitals, and other community agencies. Job title: Registered Nurse. Graduates are eligible to take the National Council Licensing Examination for Registered Nurses. Classes admitted every January and August. Registered nurses with associate of science degrees are eligible for admission to UCF's bachelor of science in nursing (BSN) degree program.

The Associate Degree Nursing program is accredited by the National League for Nursing Accrediting Commission. Information about tuition, fees and program length also may be obtained from the National League for Nursing Accrediting Commission 3343 Peachtree Road, NE, Suite 500, Atlanta, Georgia, 30326. Phone - 800.669.1656

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs
- Lab Fees (including liability insurance) average $120 per semester
- Textbooks - $982.33
- Uniforms - $150
- Laboratory Supplies - $180.50
- Graduation Fee - $25
- NCLEX Exam - $405
- FDLE Background Check - $24

Additional Admission Requirements
- Have completed LPN, Paramedic, or RRT program and have one year working experience within the last three years. Students will be given 10 semester hours of Advanced Standing for licensure.**

- LPNs must provide evidence of a current Florida license as a practical nurse. Paramedic and RRTs must provide evidence of Florida certification. Must be in good standing with the Board that regulates profession.

- Paramedics and RRTs must complete a Certified Nursing Assistant course or provide evidence of a current Certified Nursing Assistant license in Florida.

- Paramedics and RRTs will be required to attend a medication skills laboratory and prove competency in critical skills.

- Failure to complete the ATI RN Maternal Newborn content mastery examination for NUR 1423/1423L (Nursing Process II) with a score equal to or greater than Level II will require completion of Nursing Process II before progressing to NP IV.

- Program Prerequisites (courses must be completed with a grade of 'C' or better): BSC 1085/1085L (Human Anatomy and Physiology I and Lab); BSC 1086/1086L (Human Anatomy and Physiology II and Lab); MCB 1010/1010L (Microbiology and Lab); ENC 1101 (College

Composition); ENC 1102 (Literature and Composition); MAC 1105 (College Algebra); PSY 1012 (General Psychology).

- Cumulative grade point average of 2.5 or better.

- Applications submitted May and September. Students will be accepted based on specific admission criteria. There will no longer be a waiting list. Students must apply each application cycle until accepted based on the selection process.

- Completion of the Test of Essential Academic Skills (TEAS) with an adjusted individual total score at the 75th percentile or better. In addition, the applicant must have a TEAS score of 65% or better in both mathematics and reading OR completion of the Nurse Entrance Test at the 50th percentile or better in each category (mathematics, reading, and overall composite). Applications submitted after January 1, 2012 must include TEAS scores; NET scores will not be accepted after January 1, 2012.

- Completion of health screening to include: recent physical examination; verification of immunization against tetanus, measles, mumps, rubella, varicella and Hepatitis "B"; and negative test for tuberculosis.

- Basic Cardiac Life Support (BLS) certification for healthcare providers to include adults, infant, children, and automatic external defibrillator (AED) affiliated with the American Heart Association or the American Red Cross.

- Basic computer competency skills. Specific courses involve web-enhanced learning.

- Satisfactory results of a Florida Department of Law Enforcement background check

- According to Florida Board of Nursing, convicted felons who have had their civil rights removed are not eligible to take the National Council Licensure Examination for Registered Nurses.

- General education (pre and co-requisites) and Nursing courses must be completed with a grade of "C" or better.

- Students will be held accountable for the policies and procedures of the nursing program as outlined in the nursing student policy handbook as well as the college student handbook.

- Readmission and transfer nursing courses must have been taken within one year and evaluated by the nursing readmission and transfer committee. Limited space is available for transfer nursing students.

**Florida license as a practical nurse, or certification as a paramedic, or registered respiratory therapist. Students will be given ten semester hours of Advanced Standing for this licensure.

General Education Courses

Course	Title	SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
… …	**HUMANITIES, CULTURAL & AESTHETIC CORE - CHOOSE ONE**		
AML2060	Contemporary American Literature	3.00	*Pre-Reqs: ENC1101*
AML2050	Modern American Literature	3.00	*Pre-Reqs: ENC1101*
AML2600	Introduction to African American Literature	3.00	*Pre-Reqs: ENC1101*
ENL2931	Selected Topics in Shakespeare	3.00	*Pre-Reqs: ENC1101*
LIT2110	Masterpieces of World Literature I	3.00	*Pre-Reqs: ENC1101*
LIT2030	Understanding Poetry	3.00	*Pre-Reqs: ENC1101*
LIT2040	Dramatic Literature	3.00	*Pre-Reqs: ENC1101*
LIT2120	Masterpieces of World Literature II	3.00	*Pre-Reqs: ENC1101*
LIT2380	Literature By Women	3.00	*Pre-Reqs: ENC1101*
LIT2602	Literature of the Sea	3.00	*Co-Reqs: ENC1101*
ARH1000	Art Appreciation	3.00	*Co-Reqs: ENC1101*

HUM2210	Prehistory to Medieval Humanities	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
MUH2051	Introduction to the Music of the Worlds People	3.00	*Co-Reqs: ENC1101*
MUL1010	Music Appreciation	3.00	*Co-Reqs: ENC1101*
MUL2380	Popular Music in America	3.00	*Co-Reqs: ENC1101*
THE1000	Dramatic Appreciation	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Program Specific Courses

Course	Title	SEM HRS	
NUR1010	Foundations of Nursing Practice	3.00	*Co-Reqs: NUR1020 OR NUR1005* *Pre-Reqs: ENC1101 AND MAC1105 AND MCB1010 AND MCB1010L AND BSC1085L AND BSC1085*
NUR1005	Transition into Professional Nursing	3.00	*Pre-Reqs: MAC1105 AND MCB1010 AND MCB1010L AND ENC1101 AND BSC1085 AND ENC1102 AND BSC1085L AND PSY1012 AND BSC1086 AND BSC1086L* *Conc-Reqs: NUR1005L*
NUR1005L	Transition into Professional Nursing Lab	4.00	*Conc-Reqs: NUR1005*
NUR2731	Nursing Process IV	5.00	*Co-Reqs: SPC2608* *Pre-Reqs: NUR1230 OR NUR1005* *Conc-Reqs: NUR2731L*
NUR2731L	Nursing Process IV Lab	6.00	*Conc-Reqs: NUR2731*
NUR2940	Nursing Process V	6.00	*Pre-Reqs: NUR2731L AND NUR2731* *Conc-Reqs: NUR2940L*
NUR2940L	Nursing Process V Lab	5.00	*Conc-Reqs: NUR2940*
TOTAL	**…**	**32.00**	

Sample Program of Study

Course	Title		
… …	**Advanced Standing ****		
		SEM HRS	
NUR2990	Advanced Standing	10.00	

Course	Title		
… …	**Pre-Requisite Courses**		
		SEM HRS	
ENC1101	College Composition	3.00	
ENC1102	Literature and Composition	3.00	*Pre-Reqs: ENC1101*
MAC1105	College Algebra	3.00	*Pre-Reqs: MAT1033*
BSC1085	Human Anatomy and Physiology I	3.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085L*
BSC1085L	Human Anatomy and Physiology I Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: BSC1085*
BSC1086	Human Anatomy and Physiology II	3.00	*Pre-Reqs: BSC1085* *Conc-Reqs: BSC1086L*
BSC1086L	Human Anatomy and Physiology Lab	1.00	*Pre-Reqs: BSC1085L* *Conc-Reqs: BSC1086*
MCB1010	Microbiology	3.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010L*
MCB1010L	Microbiology Lab	1.00	*Co-Reqs: ENC1101 Conc-Reqs: MCB1010*
PSY1012	General Psychology	3.00	*Co-Reqs: ENC1101*

Course	Title		
… …	**1st Semester**		
		SEM HRS	
NUR1010	Foundations of Nursing Practice	3.00	*Co-Reqs: NUR1020 OR NUR1005* *Pre-Reqs: ENC1101 AND MAC1105 AND MCB1010 AND MCB1010L AND BSC1085L AND BSC1085*

NUR1005	Transition into Professional Nursing	3.00	*Pre-Reqs: MAC1105 AND MCB1010 AND MCB1010L AND ENC1101 AND BSC1085 AND ENC1102 AND BSC1085L AND PSY1012 AND BSC1086 AND BSC1086L*
			Conc-Reqs: NUR1005L
NUR1005L	Transition into Professional Nursing Lab	4.00	*Conc-Reqs: NUR1005*

… …	**2nd Semester**		
		SEM HRS	
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
NUR2731	Nursing Process IV	5.00	*Co-Reqs: SPC2608*
			Pre-Reqs: NUR1230 OR NUR1005
			Conc-Reqs: NUR2731L
NUR2731L	Nursing Process IV Lab	6.00	*Conc-Reqs: NUR2731*

… …	**3rd Semester**		
		SEM HRS	
… …	**Humanities, Cultural and Aesthetic Core**	3.00	
NUR2940	Nursing Process V	6.00	*Pre-Reqs: NUR2731L AND NUR2731*
			Conc-Reqs: NUR2940L
NUR2940L	Nursing Process V Lab	5.00	*Conc-Reqs: NUR2940*

| **TOTAL** | **…** | **72.00** | |

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Veterinary Technology (Distance Education Program)

Program Information

A.S. Degree - Code 2205 - Catalog 2009/2010

Linda Miles, Assistant Dean, 386-506-3823

Linda Vought, 386-506-3757, voughtl@daytonastate.edu

Program Description

This specialized program is in partnership with St. Petersburg College. Students will enroll at Daytona State College to complete their general courses, and then enroll in a totally distant learning program. The Veterinary Technology courses are taught online.

Graduates have a variety of career opportunities in veterinary clinics, hospitals, universities and college facilities, research laboratories, zoological gardens and reserves, animal shelters, and pounds.

The Veterinary Technology Program at St. Petersburg College has been accredited by the American Veterinary Medical Association since 1978.

Note: This program is eligible for federal financial aid and state bright futures.

Additional Admission Requirements

For more information about the selection process, please contact St. Petersburg College at 727-341-3687 or visit their website at http://www.spcollege.edu/program/VETTC-AS

Program specific courses and general education courses must be completed with a grade 'C' or better.

General Education Courses

Course	Title	SEM HRS	
ENC1101	College Composition	3.00	
PHI2600	Introduction to Ethics	3.00	*Pre-Reqs: ENC1101*
SPC2608	Oral Communications/Research/Presentation Skills	3.00	*Pre-Reqs: ENC1101*
HUM2210	Prehistory to Medieval Humanities **OR**	3.00	*Co-Reqs: ENC1101*
HUM2230	Renaissance to Postmodern Humanities	3.00	*Co-Reqs: ENC1101*
MAC1105	College Algebra **OR**	3.00	*Pre-Reqs: MAT1033*
MGF2107	Mathematics for Liberal Arts **OR**	3.00	*Co-Reqs: MAT1033 OR STA2023 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAS2103 Pre-Reqs: MAT1033*
STA2023	Elementary Statistics	3.00	*Pre-Reqs: MAC1105 OR MGF2106*
PSY1012	General Psychology **OR**	3.00	*Co-Reqs: ENC1101*
SYG2000	Introduction to Sociology	3.00	*Co-Reqs: ENC1101*
BSC1010	General Biology I (For Science Majors)	3.00	*Co-Reqs: ENC1101 AND MAT1033 OR MAC1105 OR MAC1114 OR MAC1140 OR MAC2233 OR MAC2311 OR MAC2312 OR MAC2313 OR MAP2302 OR MGF2106 OR MGF2107 OR STA2023 Conc-Reqs: BSC1010L*
BSC1010L	General Biology I (For Science Majors) Lab **OR**	1.00	*Conc-Reqs: BSC1010*
BSC1005	Survey of Biological Sciences (For Non-Science Majors)	3.00	*Co-Reqs: ENC1101*

Note: It may be necessary for the student to enroll in a college preparatory English, Math, or Reading course based upon College Placement Test scores.

Web Development Specialist

Program Information

A.S. Certificate - Code 0909 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Jameal Adkins, Assistant Chair, 386-506-3371, adkinsja@daytonastate.edu

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

Program Description

The certificate program in Web development specialist provides the student a solid understanding of the web based technology. The student develops the technical skills to design and build websites using web programming languages for personal and business use, maintain, trouble shoot and implement web based technology on the website for optimization and analysis purposes. The content prepares students to work in Internet, Intranet, and Extranet environments; installing and configuring Intranet and web based resources.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

May vary from $20-$50 for each program specific courses.

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

Most of these courses count towards the AS degrees in Internet Services Technology, and some courses could be applied towards AS degrees in Computer Information Technology, Computer Programming and Analysis, and Computer Engineering Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CET1600	Network Plus	4.00	
CET2154	A+:Computer Operating Systems	4.00	
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
CGS2820	Web Programming (JavaScript, Ajax, ASP.Net)	3.00	*Co-Reqs: COP1000* *Pre-Reqs: CGS1555 AND COP1000 OR CTS1851*
CGS2821	Advanced Web Programming (XML, ASP.Net, SQL Server)	3.00	*Pre-Reqs: CTS1851 OR CGS1555*
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	
COP1000	Principles of Computer Programming	3.00	
COP2831	Web Scripting (PHP)	3.00	*Pre-Reqs: CGS2820*
COP2833	Web Application Development - ActionScripting	3.00	*Pre-Reqs: COP1000*

Sample Program of Study

Course	Title
… …	**1st Semester**

		SEM HRS	
CET1178	A+:Computer Hardware	2.00	*Conc-Reqs: CET1178L*
CET1178L	A+:Computer Hardware Lab	1.00	*Conc-Reqs: CET1178*
CTS1851	Internet Web Foundations (HTML, CSS)	3.00	
COP1000	Principles of Computer Programming	3.00	

… …   2nd Semester

		SEM HRS	
CET2154	A+:Computer Operating Systems	4.00	
CET1600	Network Plus	4.00	
CGS2820	Web Programming (JavaScript, Ajax, ASP.Net)	3.00	*Co-Reqs: COP1000* *Pre-Reqs: CGS1555 AND COP1000 OR CTS1851*

… …   3rd Semester

		SEM HRS	
CTS2306	Microsoft Windows Professional	4.00	
CGS2821	Advanced Web Programming (XML, ASP.Net, SQL Server)	3.00	*Pre-Reqs: CTS1851 OR CGS1555*
COP2833	Web Application Development - ActionScripting **OR**	3.00	*Pre-Reqs: COP1000*
COP2850	Web Programming Project	3.00	

… …   4th Semester

		SEM HRS	
COP2831	Web Scripting (PHP)	3.00	*Pre-Reqs: CGS2820*
CIS2949	Cooperative Education Experience in Computer and Information Systems	2.00	

TOTAL	**…**	**35.00**

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Welding Technology - Applied

Program Information

Vocational Certificate - Code 1033 - Catalog 2009/2010

Roger Rowan, Chair, 386-506-4171, rowanr@daytonastate.edu

Sylvia Zuelch, Administrative Specialist, 386-506-4165, zuelchs@daytonastate.edu

Program Description

The Welding Technology program is a 22.0 vocational credit certificate program. The curriculum is designed to give students a combination of classroom and lab related activities. A "hands-on" approach to student learning is evident as students learn the safety aspects of welding and become proficient at MIG, TIG and Oxy-acetyline welding. Students will also learn the related skill of blueprint reading which is required for employment as a welder or welder helper.

Note: This program is eligible for federal financial aid and state bright futures.

Approximate Additional Costs

Students will have to purchase the following items (approximate costs: $190): Instructor approved welding helmet and face shield, welding jacket, leather welding gloves, work shoes or boots.

Additional Admission Requirements

1 Ability to understand and follow specific directions.

2 Ability to handle and operate all welding equipment in a safe manner.

Program Specific Courses

Course	Title	VOC HRS	
PMT0101	Welding and Mechanical Blueprint Reading	1.00	*Conc-Reqs: PMT0101L*
PMT0101L	Welding and Mechanical Blueprint Reading Lab	1.00	*Conc-Reqs: PMT0101*
PMT0102	Welding I	1.00	*Conc-Reqs: PMT0102L*
PMT0102L	Welding I Lab	3.00	*Conc-Reqs: PMT0102*
PMT0121	Shield Metal Arc Welding (SMAW)	1.00	*Pre-Reqs: PMT0102* *Conc-Reqs: PMT0121L*
PMT0121L	Shield Metal Arc Welding (SMAW) Lab	3.00	*Conc-Reqs: PMT0121*
PMT0124	Welding II	1.00	*Pre-Reqs: PMT0102* *Conc-Reqs: PMT0124L*
PMT0124L	Welding II Lab	3.00	*Conc-Reqs: PMT0124*
PMT0131	Gas Tungsten Arc Welding (GTAW or TIG)	1.00	*Pre-Reqs: PMT0102* *Conc-Reqs: PMT0131L*
PMT0131L	Gas Tungsten Arc Welding (GTAW or TIG) Lab	3.00	*Conc-Reqs: PMT0131*
PMT0134	Gas Metal Arc Welding (GMAW or TIG)	1.00	*Pre-Reqs: PMT0102* *Conc-Reqs: PMT0134L*
PMT0134L	Gas Metal Arc Welding (GMAW or TIG) Lab	3.00	*Conc-Reqs: PMT0134*

Sample Program of Study

Course	Title	VOC HRS	
… …	**First Year**		
… …	**1st Semester**		
PMT0101	Welding and Mechanical Blueprint Reading	1.00	*Conc-Reqs: PMT0101L*

PMT0101L Welding and Mechanical Blueprint Reading Lab	1.00	*Conc-Reqs: PMT0101*
PMT0102 Welding I	1.00	*Conc-Reqs: PMT0102L*
PMT0102L Welding I Lab	3.00	*Conc-Reqs: PMT0102*

… …   2nd Semester

		VOC	
		HRS	
PMT0121 Shield Metal Arc Welding (SMAW)	1.00	*Pre-Reqs: PMT0102*
		Conc-Reqs: PMT0121L
PMT0121L Shield Metal Arc Welding (SMAW) Lab	3.00	*Conc-Reqs: PMT0121*
PMT0124 Welding II	1.00	*Pre-Reqs: PMT0102*
		Conc-Reqs: PMT0124L
PMT0124L Welding II Lab	3.00	*Conc-Reqs: PMT0124*

… …   Second Year
… …   1st Semester

		VOC
		HRS
PMT0131 Gas Tungsten Arc Welding (GTAW or TIG)	1.00	*Pre-Reqs: PMT0102*
		Conc-Reqs: PMT0131L
PMT0131L Gas Tungsten Arc Welding (GTAW or TIG) Lab	3.00	*Conc-Reqs: PMT0131*
PMT0134 Gas Metal Arc Welding (GMAW or TIG)	1.00	*Pre-Reqs: PMT0102*
		Conc-Reqs: PMT0134L
PMT0134L Gas Metal Arc Welding (GMAW or TIG) Lab	3.00	*Conc-Reqs: PMT0134*
TOTAL VOC. HRS.	**22.00**	
TOTAL CONTACT HRS.	**660.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Wireless Communications

Program Information

A.S. Certificate - Code 0925 - Catalog 2009/2010

Anindya Paul, Chair,School of Computer Scienc, 386-506-3324, paula@daytonastate.edu

Timothy Pintello, Assistant Chair, 386-506-4126, pintelt@daytonastate.edu

Linda Sullivan, 386-506-3087, sullivi@daytonastate.edu

Program Description

The certificate program provides students with the knowledge and skills of wireless technologies, networks, services, and applications. The Wireless Communications Certificate is designed to prepare students for employment as a wireless installer, wireless technician, wireless field service technician or to provide supplemental training to persons previously or currently employed in these occupations.

Note: To ensure Financial Aid program eligibility, students need to also be accepted to the parallel associate degree program.

Approximate Additional Costs

Class Materials Fees: $20 for each program specific EET course; $20 for specific CGS course. See course descriptions

Additional Admission Requirements

It may be necessary for the student to enroll in a college preparatory English, math, or reading course depending upon College Placement Test scores.

Careers

All of these courses count towards either the AS degree in Computer Engineering Technology, Computer Information Technology, Computer Programming and Analysis, Electronics Engineering Technology, and Networking Services Technology.

Note: Need help preparing for your job search? Login to Daytona State's Career Services Online (CSO) to create your personal career account. Or email your Daytona State College Career Advisor.

Program Specific Courses

Course	Title	SEM HRS	
CGS1570	Introduction to Computer Applications	1.00	
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024*
			Conc-Reqs: EET1011L
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105*
			Pre-Reqs: EET1011L AND EET1011
			Conc-Reqs: EET1021L
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
EET2326	Wireless Communications	3.00	*Pre-Reqs: EET2142L AND EET2142*
			Conc-Reqs: EET2326L
EET2326L	Wireless Communications Lab	1.00	*Conc-Reqs: EET2326*
TOTAL	…	**18.00**	

Sample Program of Study

Course	Title	SEM HRS	
… …	**1st Semester**		
CGS1570	Introduction to Computer Applications	1.00	
EET1011	Introduction to Electrical Circuits	2.00	*Pre-Reqs: MAT0024*
			Conc-Reqs: EET1011L
EET1011L	Introduction to Electrical Circuits Lab	1.00	*Conc-Reqs: EET1011*
EET1607	Electronics Assembly and Cabling	2.00	*Conc-Reqs: EET1607L*
EET1607L	Electronics Assembly and Cabling Lab	1.00	*Conc-Reqs: EET1607*
… …	**2nd Semester**		
EET1021	Advanced Electrical Circuits	2.00	*Co-Reqs: MAC1105*
			Pre-Reqs: EET1011L AND EET1011
			Conc-Reqs: EET1021L
EET1021L	Advanced Electrical Circuits Lab	1.00	*Conc-Reqs: EET1021*
EET1141	Analog Devices and Circuits	3.00	*Co-Reqs: EET1021*
			Pre-Reqs: EET1011 AND EET1011L
			Conc-Reqs: EET1141L
EET1141L	Analog Devices and Circuits Lab	1.00	*Conc-Reqs: EET1141*
EET2326	Wireless Communications	3.00	*Pre-Reqs: EET2142L AND EET2142*
			Conc-Reqs: EET2326L
EET2326L	Wireless Communications Lab	1.00	*Conc-Reqs: EET2326*
TOTAL	…	**18.00**	

Note: Sequence of courses may vary. Check catalog course descriptions for requisite requirements.

Student Services

College Catalog - Academic Support Centers

Academic Support Centers provide a variety of instructional support programs and services to help you make satisfactory academic progress. The Center's academic support services combine personal attention with computer-assisted instruction in an energizing environment where students, faculty and staff collaborate to ensure student success. Lab attendance is required if you are enrolled in developmental math, reading and writing courses. The Academic Support Center has College Level Academic Skills Test (CLAST) preparation resources for the exam's math, reading, and essay components. In addition, the following educational support programs are also available for your use:

Individual and Small Group Tutoring - Tutors provide assistance to students enrolled in most courses on a walk-in basis.

Online Tutoring - Online tutoring for selected courses is accessible via SMARTHINKING. You may access online tutoring from the comfort of your home or from any computer lab on campus.

Academic Coaching - You can experience a one-to-one academic skills mentoring relationship with a faculty or staff member by participating in the Academic Coaching Program. Coaches provide personalized support through weekly half-hour sessions to help you achieve academic success.

Supplemental Instruction (SI) - SI is an internationally recognized academic support program offering free, regularly scheduled study sessions for traditionally difficult courses. Study sessions are led by students who have previously taken the course and demonstrated academic competency in the subject area.

Vocational Preparatory Instruction (VPI) Program - If you are pursuing an occupational degree or certificate, you are eligible to receive self-paced, open-entry/open-exit instruction in reading, writing, math, workforce readiness, and study skills.

TRIO PROGRAMS*

TRIO Student Support Services* - Housed in the Academic Support Center, TRIO offers counseling, tutoring, cultural enrichment and transfer assistance to help eligible students stay in college until earning a degree and/or transferring to a four-year college or university. TRIO support and assistance is especially designed to improve academic performance, increase grade point averages and facilitate transfer.

***Federally funded programs. Participants must meet eligibility criteria.**

College can be challenging, especially for first-time students. Visit one of the Academic Support Centers, where professional learning specialists can assist you. The wide variety of instructional support programs and services will help to ensure your academic success. Not all campuses offer all services. Contact any of the following Academic Support Centers for information:

Daytona Beach Campus - Bldg. 500, Rm. 124
(386) 506-3673

Flagler/Palm Coast Campus - Bldg. 2, Rm. 104
(386) 246-4835

New Smyrna Beach/Edgewater Campus - Bldg. 2, Rm.104
(386) 423-6345

DeLand Campus - Bldg. 6, Rm. 217
(386) 785-2087

Deltona Center - Bldg. 1, Rm. 104
(386) 789-7306

Advanced Technology College (ATC) - Bldg. 1, Room 126
(386) 506-4120

College Catalog - Office of Student Appeals

Submitting an Appeal

The appeals process provides students an opportunity to request an exception to a college policy or procedure due to extraordinary personal circumstances. The college will accept an appeal in rare situations involving:

1. prolonged hospitalization or other serious illness
2. extreme emergency
3. death of an immediate family member
4. non-voluntary military activation.

Apart from these four situations, students are not eligible for appeals to be granted based on the Board of Trustees Policy of the college.

To submit an appeal, students must:

1. write a personal statement of the circumstances surrounding the situation, and
2. attach proof from health providers, clergy, attorneys or other professionals to the appeal application to verify the extraordinary circumstance.

Appeals may be submitted for the following reasons:

a. financial aid suspension
b. waiver of full cost of tuition for the third attempt of a course
c. permission for a fourth attempt of a course
d. withdrawal from a class after the posted deadline to receive a "W" grade
e. request for grade change from "F" to "W"
f. refund of tuition after the posted drop period

The appeal application must be complete with all supporting information attached.

It must be submitted in the Question & Answer Center, Daytona Beach Campus, (Bldg. 100, Rm. 112) or in the Falcon Center on any campus

Incomplete applications without supporting documentation WILL BE DENIED.

Examples of acceptable documentation include:

- Dated and signed statements on official letterhead from an attorney, physician, or clergy verifying the extenuating circumstances and explaining why the student could not complete the course or semester.
- Legal documents such as:
- Court documents
- A death certificate
- Military orders

Issues involving the following circumstances ARE NOT considered extraordinary circumstances and will not be valid situations for appeal:

A. child care
B. transportation
C. employment changes
D. normal pregnancy
E. incarceration
F. disagreement with the instructor

G. difficulty learning the course material

Each student making an appeal must check with the Office of Financial Aid BEFORE submitting an appeal. This is necessary to be sure that the requested appeal will not cause unintended problems for their financial aid. Federal financial aid is governed by separate laws and rules. The actions requested by appeal may create problems for the student as it impacts financial aid.

Appeals Decisions

All appeals will be reviewed and processed in the order they are received provided:

A. The appeal application is complete
B. It is submitted by the deadline
C. All relevant supporting documentation is attached to the application.

Appeal decisions will be made as quickly as possible. Review of an appeal cannot begin until it is complete. Lack of documentation may delay an appeal from being reviewed. Some appeal decisions will require contact and verification with multiple members of the college community.

Appeal decisions will be sent to the student's FalconMail account.

Part of the decision process will be to review each appeal in relation to the disbursement of financial aid. State and federal financial regulations regarding student enrollment may impact an appeal.

All appeal applications and supporting information used as documentation are subject to verification for authenticity. If it is determined that documents have been forged or misrepresent the facts, disciplinary action will be taken.

College Catalog - Career Services

When you graduate from Daytona State College, do you expect to find a career in your field of study? Or do you expect to be ready to transfer to another college or university to continue your education?

If you answered yes to either of these questions, connect with Career Services to get started.

There is so much more to accomplishing these goals than simply completing a program of study. You need to develop a career plan. Career Services provides a full range of activities to guide you through your career development process smoothly at the same time you are working on your academic program of study.

To access our full range of learning activities and services, create your account in Daytona State Career Services Online (CSO), our virtual Career Center, at https://www.myinterfase.com/dbc/student/. Start building your future career today.

Phase 1: Choose your future

During your first term, visit Career Services on your campus to develop an initial career plan. If you are not sure of your major, explore career options and find the best way to make this very important decision. Look at the costs and the benefits of committing to a particular career path. Set long-term and short-term goals that match the vision you have for your life. Learn how to make effective decisions. Use this information to choose the best path for you.

Phase 2: Prepare for you future

As you move through your program of study, use Career Services research tools to learn about the typical path that people follow to be successful in your chosen career. Read Vocational Biographies. Locate possible employers to interview. Begin to develop a network of support that can help you move smoothly toward your career goal. Develop your Career Portfolio. Attend a Job Fair. Find a mentor in your chosen line of work.

Phase 3: Prepare for the launch

Take advantage of Career Services workshops to groom yourself for your profession. Arrange to get an internship to learn about the real world application of your skills. Conduct research interviews with prospective employers that you locate through our online database, Reference USA. Build your resume. Learn about options for advanced education in your chosen profession. See how far you can advance in your career through careful planning and preparation.

Phase 4: Launching: Closing the deal as you approach graduation

As you approach graduation in the last term of your degree, use your network to locate prospective employers. Arrange for letters of recommendations. Learn how do conduct a good job search. Practice interviewing with our online simulation, Perfect Interview. Learn how to market yourself to prospective employers or universities. Attend a Job Fair.

Remember, this is only a small sample of what Career Services can do for you. Career Advisors are available at all campuses. Call (386) 506-3073 or email CareerServices@daytonastate.edufor more detailed information.

College Catalog - College Bookstore

Daytona State College, in partnership with the Follett Higher Education Group, operates the Daytona State College Bookstores. The Daytona State College Bookstores are the authorized source for required course materials, recommended study aids, school supplies, educationally discounted software, nursing and medical reference books, Daytona State clothing, gifts and more. Store hours and services vary by campus

Bookstore information can be found in the class schedule books or by calling the phone numbers listed below. If you are calling from a Daytona State campus site, just dial the extension listed.

Shop your efollett Daytona State Bookstore online

Daytona Beach Campus (386) 252-2206

Daytona Beach Campus Bookstore Hours
Monday-Thursday 7:45 a.m.-7 p.m.
Friday 7:45 a.m.-4 p.m.

The bookstores will be closed on Monday, January 19th in observance of the Martin Luther King, Jr. holiday.

DeLand Campus (386) 785-2020

DeLand Campus Bookstore Hours
Monday-Thursday 8 a.m.-1 p.m. & 5 p.m.-7 p.m.
Friday 8 a.m.-1 p.m.

Deltona Center (386) 785-2020

Call for Hours of Operation

Flagler/Palm Coast Campus (386) 252-2206

Call for Hours of Operation

New Smyrna Beach-Edgewater Campus (386) 427-3472 ext. 6314

Call for Hours of Operation

Advanced Technology College

There are no regular hours. Please visit the Daytona Beach Campus Bookstore.

College Catalog - Computing Commons

The Daytona State College's Computer Commons provides students, faculty, staff and other members of the college community access to the latest in computer technology.

The Computer Commons features more than 100 PCs utilizing Microsoft's Windows XP platform, seven Macintosh workstations, printers, color scanners and the Microsoft Office Professional Suite of applications. Most software titles used in the classroom also are available in the Computer Commons.

The Computer Commons also provides three computer classrooms equipped with audiovisual technologies. These classrooms are available to faculty members for reservations, and are designated for instructional purposes. The Computer Commons is fully operational seven days a week during the following hours: Monday thru Thursday, from 7:30 a.m. to 10 p.m., Friday from 7:30 a.m. to 5 p.m., Saturday from 8 a.m. to 4 p.m., and Sunday from 1 to 9 p.m.

The Computer Commons Lab Coordinator and Tech Assistants are available to users during hours of operation in order to facilitate access to the Commons area and to answer any questions related to our educational resources.

CONTACT US!

Commons Help Desk
(386) 506-3928
Daytona Campus
Bldg. 210, Room 102

Falcon-AID Student Help Desk
(386) 506-4243
falconaid@daytonastate.edu

Computing Commons Lab Coordinator
Yudith Day-Wygant
(386) 506-3436
dayy@daytonastate.edu

Academic Computing Manager
Ken Shoaf
(386) 506-3376
shoafk@daytonastate.edu

College Catalog - Counseling Services

Daytona State College counselors welcome you to the college and invite you to come in and meet with us. Counseling services include personal counseling, career counseling and academic counseling. In addition, workshops such as recognizing depression, managing stress, or reducing test anxiety are offered throughout the year and are available for groups by request. We are available for students on all Daytona State campuses.

Counselors can be helpful when life as a student seems overwhelming and you need someone who will listen and help you sort things out. Over time, difficulties that are not tended to can grow into serious problems of stress, anxiety, or depression. Some students may also struggle with relationship problems, low self-esteem, substance abuse, and/or eating disorders. Counselors are sensitive to challenges that can interfere with success in college. We want to work with you, advocate for you and help you find the right support to meet your needs and accomplish future goals.

Academic Counseling is available to help you when you have problems in your classes. Whether you have difficulty passing tests, problems making friends or getting along with different people at the college, we can work with you to find the right strategy to help you to grow in mastery of your academic life.

Career Counseling is offered to help you to make good decisions about your career choices. Counselors work with Career Advisors as part of your personal career team to help you fully develop your Career Plan. Counselors can utilize career assessments and provide individual counseling sessions to explore career-related issues with you.

Counseling Services Contacts:

Please specify your campus when calling.

ATC (386) 506-3038 Wednesday 8 a .m. - noon

Daytona (386) 506-3038 Monday & Wednesday 8 a.m. - 6:30 p.m.

DeLand (386) 785-2072 Tuesday-Thursday 8:30 a.m. - 5 p.m.

Friday 8:30 a.m - 2:30 p.m.

Deltona (386) 785-2072 Monday 8:30 a.m. -5 p.m.

Flagler/Palm Coast (386) 506-3038 Tuesday 8 a.m. - 5 p.m.

New Smyrna Beach-Edgewater (386) 506-3038 Monday 8 a.m.- 5 p.m.

College Catalog - Crime Statistics

The Daytona State College Annual Security Report contains statistics for the previous three years concerning reported crimes that occurred on-campus; in certain off-campus buildings or property owned or controlled by Daytona State; and on public property within, or immediately adjacent to and accessible from, the campus.

The report also includes institutional policies concerning campus security, such as policies concerning sexual assault, and other matters. You can obtain a copy of this report by contacting the Campus Safety office on any campus or by accessing the following web site: http://www.daytonastate.edu/campus_safety/

College Catalog - Falcon Center

The Falcon Center is an online student service center where students can complete online transactions. Students can receive help navigating online student services at the Falcon Center on any campus. Students can complete the following transactions online or in the Falcon Center.

Add/Drop
Change of Address
Change of Major
Orientation
Pay Tuition
Print Schedule and Fee Statement
Print Class Schedule
Register
Reset Student PIN Number
Request a Degree Audit
Request Official Transcripts
Request Enrollment Verification
Withdraw from Classes
Request Transient Form at www.facts.org
Unofficial Transcripts

College Catalog - Falcon-Aid Student Help Desk

Falcon-Aid, the Daytona State College Student Help Desk, is the first point of contact for students seeking all types of technical assistance, such as forgotten passwords, Desire2Learn assistance, problems accessing Web sites, troubleshooting software, even technical assistance with their home computers.

Staffed primarily by student workers, Falcon-Aid maintains a presence in the Daytona Beach Campus Computing Commons located in the Library. Falcon-Aid is available during normal library hours via phone or walk-up. Call 506-4AID for assistance, or email falconaid@DaytonaState.edu

http://www.daytonastate.edu/commons/falconaid.html

College Catalog - Grade Changes and Disputes

I. Grade Change Request and Academic Disputes

Informal Grievance Process for Academic Disputes: The College provides an informal procedure to assist faculty and students in resolving grade disputes. The teaching faculty are authorized to issue grades based on their assessment of the student's level of performance, participation, quality and quantity of work. However, students who believe a faculty member has issued an incorrect grade(s) based on written documentation may seek recourse through the Informal Grievance Process, as outlined below: It is the student's responsibility to request a conference with the instructor (s) involved within 30 calendar days after the end of the term in which the grade was issued. If the student is no comfortable contacting the instructor she/he should contact the appropriate School Chair. If the student and the instructor agree on the terms and conditions of a grade change or grade dispute the matter will be resolved. If the student disagrees with the instructor the student's next step is to contact the appropriate School Chair The Chair may arrange a meeting with the student and the instructor in an effort to resolve the grade dispute If the issue remains unresolved, the matter moves to the Formal Grievance Process.

II. Formal Grievance Process for Academic Grade Disputes

If the grade dispute is not resolved at the level of the School Chair, the Chair refers the matter to the appropriate Associate Vice President. The student must submit the grievance in writing to the appropriate Associate Vice President who reviews the written grievance and renders a decision. If the student is satisfied with the decision the matter is closed. If the student is not satisfied with the decision, the student can file an Appeal.

APPEAL PROCESS FOR ACADEMIC GRADE DISPUTES

The Associate Vice President refers the student to the Senior Vice President of Academic Affairs for a review of the matter in question and forwards to him the written grievance. The Senior Vice President of Academic Affairs and the Vice President of Enrollment and Student Development review the written grievance. The student may be contacted and notified of the appeal decision by telephone, in person, or by letter. The Vice Presidents reserve the option to uphold the associate vice president's decision or render an alternate administrative decision.

ACADEMIC INTEGRITY CODE

Daytona State College is committed to providing students with quality instruction, guidance and opportunities for academic and career succes by fostering academic excellence in a supportive and personalized learning environment. Maintaining high standards of academic honesty and integrity in higher education is a shared responsibility and an excellent foundation for assisting you in making honorable and ethical contributions to the profession for which you are preparing. In order to preserve academic excellence and integrity, the College expects you to know, understand and comply with the Academic Integrity Code, which prohibits academic dishonesty in any form, including, but not limited to, cheating and plagiarism. Grades conferred by instructors are intended to be accurate and true reflections of the coursework actually produced and submitted by you.

Suspected violations of the student academic dishonesty code may be reported to the appropriate academic program chair and or dean for resolution. In some cases, students may also be reported to the Judicial Affairs Office for intervention or appropriate discipline action.

Forms of Academic Dishonesty

Cheating - Defined as receiving or giving unauthorized assistance on a quiz, test, exam, paper or project or unauthorized use of materials to complete such; collaborating with another person(s) without authorization on a quiz, test, exam, paper or project; or taking a quiz, test or exam for someone else or allowing someone else to do the same for you.

 Plagiarism - Submitting work in which words, facts or ideas from another source are used without acknowledging that the material is borrowed, whether from a published or unpublished source. For specific instructions on how to document information from other sources, students should check with their instructors, academic departments or the Student Academic Support Center for reference.

Fabrication - Listing sources in a bibliography that one did not actually use in a written assignment, or presenting false, invented or fictitious data/information in a written assignment.

Other Academic Misconduct

Other academic misconduct includes, but is not limited to:

- In a testing situation, conduct, such as looking at a classmate's test, talking to a classmate or leaving the classroom without the instructor's or test proctor's permission, using cell phones or text

messages.

- Obtaining by theft/purchase OR selling/giving part or all of a test.
- Altering or attempting to alter academic records of the College which relate to grades; being an accessory to same.
- Use of unauthorized materials or electronic devices during testing in any of the college Assessment Centers or College approved off-campus testing locations.
- Violation of copyright laws and/or unapproved use of intellectual property.

The Resolution Process for Academic Dishonesty

1. The professor or instructor conducting the course will notify the student verbally or by written form that the student is suspected of academic dishonesty and propose an appropriate resolution.
2. A student may also schedule a meeting with the ombudsperson (student advocate). The ombudsperson is a counselor located on each campus who will listen to the complaint, situation, problem and issues involving the matter and offer assistance in order to resolve the matter.
3. If the matter is not resolved with the instructor, he/she has the option of scheduling a meeting with the appropriate program chair. The program chair will review the matter and offer an appropriate resolution.
4. If the matter is not resolved with the program chair, the student has the option to request a meeting with the Academic Dean of the area. The Academic Dean is authorized to make the final academic decision.
5. The student has the option of requesting a formal Administrative appeal to the Vice President of Student Development.
6. After the letter of appeal is received, the vice president of Student Development may confer with the vice president of Academic Affairs. Once a decision is rendered, the student will be notified of the outcome, which is the final stage of the College formal process for resolving student matters.

Student's Grade

Until a decision is rendered, the student may not receive a grade for the test or project in question. If a decision has not been made by the end of the semester in which the incident occurred, a grade of "Incomplete" may be assigned until the matter is resolved. If the student is found no in violation of academic dishonesty, the test/project will be graded and a grade will be assigned. If it is determined that the student is in violation of academic dishonesty, a grade of "0"/"F" will be given for the assignment/course in question. Additional discipline sanctions may also be administered by the Judicial Affairs Office.

STUDENT CODE OF CONDUCT

Daytona State College is responsible for providing a safe learning environment in which all of its students can realize their academic and career goals and participate in the teaching and learning experience. The College experience is a privilege that is afforded to students. All students are expected to abide by and held accountable for violations of the college code of conduct rules.

Students who choose to be a member of the College community accept the responsibility to be informed and acquainted with College regulations, to comply with these regulations and to respect the personal rights and property of other members or guests of the College community.

Daytona State College reserves the right to determine when its Student Code of Conduct rules have been violated and to administer disciplinary actions for conduct that is inconsistent with the college's acceptable behavioral policies, procedures and practices. Students who are accused of violating the code of conduct rules may be provided an opportunity to personally respond or submit a written response to an allegation unless a campus/ college restriction is authorized by the Campus Safety Office, Judicial Affairs Office, Law Enforcement Officials, Dean of Student Success, and/or the vice president of Student Development or his/her designee.

Student Disciplinary Committee

A Student Disciplinary Committee (SDC) or College Intervention Team may be convened by the Judicial Affairs Officer, Dean of Student Success, or the Vice President of Student Development to resolve student violations of the College Student Code of Conduct Rules. The SD Committee or College Intervention Team membership may include, but not be limited to, College faculty, administrators, staff or student

representatives recommended by the College Student Government Association. The College Administrative Staff reserves the right to refer any violations of civil and or criminal law to the appropriate law enforcement agencies for disposition.

Student Due Process Procedures

Students that are accused of or involved in an incident which results in a judicial administrative meeting or conduct violation fact-finding meeting with college officials may be afforded the following due process procedures: The student may be required to appear before a college administrator or the college Judicial Affairs Officer. During the fact-finding meeting, the information in dispute and related circumstances will be reviewed, and the student will have an opportunity to present his or her viewpoint.

1. Students who are accused of violating the College Code of Conduct Rules may be requested to appear before an authorized college official. The notice to appear may be issued by telephone, personal hand delivery, campus safety office notice and/or by regular or certified U.S. mail. The college judicial affairs officer may arrange a personal meeting with the student, who at the time of this meeting, will obtain verbal and/or written accounts of the incident(s), collect relevant information, such as time, place and names of others that may be involved, if applicable.
2. Students who report and self identify documented disabilities must contact the Student Disability Services Office and provide written verification of their disability from a licensed psychiatrist or a licensed medical physician. The documentation must be approved by the Student Disability Services Office and must meet all of the criteria for receiving assistance prior to attending a judicial meeting or discipline hearing. Students with disabilities are responsible for complying with the college code of conduct rules.
3. Students under the age of eighteen (18) that may be required to attend an administrative meeting or conduct violation meeting may submit written authorization from a parent or guardian to attend.
4. The College Campus Safety Office and the Judicial Affairs Officer are authorized to issue an immediate restriction from a specific classroom, building, campus or the entire college until an administrative meeting is convened. The Judicial Affairs Officer is authorized to place a registration or trespass hold on a student's record in order to ensure compliance with the college's code of conduct rules or specific verbal and/or written instructions. The Dean of Student Success is authorized to require a student to complete a mandatory Mental Health Evaluation by a Daytona State College licensed professional as a condition of their attendance or return to the college.

College Catalog - International Student Assistance

International students are required to meet with the international student advisor upon arrival at Daytona State College for immigration registration in the Student Exchange Visitor Information System (SEVIS).

U.S. Immigration and Customs Enforcement (ICE) requires all students on F-1 visas to be enrolled full-time for the fall and spring semesters. Daytona State College defines full-time status as 12 or more credit hours.

To remain in compliance with their I-20, students must maintain a 2.0 or better grade point average (GPA) each semester they are enrolled.

Students are required to comply with all Daytona State College rules and regulations. Academic Advising and Counseling services are available to assist you. International students are a vital part of our educational program. We will do all we can to help students have a successful and enjoyable educational experience at Daytona State. Please contact our Admissions Office at (386) 506-3059 or email admissions@daytonastate.edu if you have any questions or need assistance.

International Student Services

For other services such as health insurance, housing or community support, please contact the **Global Education and International Student Affairs Office at (386) 506-3141**.

College Catalog - Library Services

The Daytona Beach Campus Library (Bldg. 210) and DeLand Campus Library (Bldg. 1) provide a wide range of resources and services including print and non-print collections, access to extensive electronic databases, and professional reference and research assistance. Daytona State College Library networks with other state and national libraries to obtain the information you need, when you need it.

All Daytona State students, faculty, and staff have 24/7 access to library services via the Daytona State Library Services Web page (http://www.daytonastate.edu/library/). Items in the Daytona State College Daytona and DeLand collections may be ordered from other campuses using the electronic form on the Daytona State library Web page. These items may be delivered to the campus of your choice. Virtual Reference Service is available to all by phone and through the Ask-a-Librarian Service (http://www.askalibrarian.org/vrl_intro.asp?library=flcc0600).

The Daytona Campus Library supports both Daytona State's upper level programs, including the Bachelor of Science and Applied Science degrees, as well as the upper level and graduate programs of partnership colleges and universities including the University of Central Florida (http://library.ucf.edu/BranchCampuses/Daytona/default.htm).

The Daytona Beach Campus Library and DeLand Campus Library also host open computer labs (http://www.daytonastate.edu/commons/) managed by the Information Services Department which are available to all Daytona State students during library hours of operation. These labs provide access to Daytona State academic software, including word processing and spreadsheet applications, as well as the Internet.

Library Hours (unless otherwise posted for holidays, summer, etc.):

Daytona Beach Campus Library
Monday - Thursday: 7:30 a.m.-10 p.m.
Friday: 7:30 a.m.-5 p.m.
Saturday: 8 a.m.-4 p.m.
Sunday: 1-9 p.m.

DeLand Campus Library
Monday - Thursday: 7:30 a.m.-9 p.m.
Friday: 7:30 a.m.-5 p.m. Closed Weekends

For more information please visit our webpage or contact Mercedes Clement, Head Librarian, at (386) 506-3440.

College Catalog - Multicultural and International Resource Center (MIRC)

Responding to the needs of our diverse undergraduate student body, MIRC promotes an inclusive college climate by acting as an educational resource that prepares students to succeed in a heterogeneous and ever-changing society. MIRC provides a supportive environment for intercultural communication, constructive interaction and mutual understanding as a conduit to human development. Our goal is to create a greater sense of community and improve the quality of life for Daytona State College students.

MIRC offers a variety of resources which aim to facilitate an engaged campus environment that actively and collectively addresses many areas of diversity, including race and ethnicity, socioeconomic status and gender identity/expression. It seeks to strengthen and enhance the richly diverse fabric of the Daytona State College community by providing and supporting programs and services in the following areas:

- Diversity Education and Training
- Social Justice & Inter/Intra Cultural Programming
- Leadership Development and Training
- Advocacy
- Etiquette Training
- Professional and Ethical Leadership
- Tutoring
- Face-to-Face Mentoring
- Financial Aid
- Peer Mentoring
- Academic Monitoring
- Civil Sensitivity
- Cultural Enrichment
- Career Planning
- Intellectual Enrichment

Our diversity education and training programs are designed to encourage dialogue and interaction among students about issues related to diversity. Taking a proactive rather than reactive approach to diversity education, we seek to build competencies and thought processes among Daytona State College students that prepare them to excel in our diverse college community and beyond. Diversity education will take many forms including facilitated discussions, workshops and guest speakers.

College Catalog - Office of College Equity

Daytona State's Office of College Equity works to ensure students are provided equal opportunity and equal access to the various services the college provides based on its mission, policies and procedures, as well as state and federal law. Equity information is available in the Student Handbook and on the college's Web site located at http://www.daytonastate.edu.

The College Equity Office is located in building 100, room 207 on the Daytona Beach Campus. The staff welcomes all students who would like to learn more about services provided by the office. Please stop by, call us at (386) 506-3916, or email scottu@daytonastate.edu for more information.

Ursula Y. Scott, MS
Director, College Equity
Daytona State College

Student Conduct

One of the services provided by Student Success Services is to protect the rights of Daytona State College students, faculty and staff based on acceptable community standards of conduct. Student Success Services ensures a fair and disciplined college community where teaching and learning can occur.

Student Success Services:

- Provides support for student rights and responsibilities
- Cultivates acceptable student behavior through early intervention
- Implements due process in all phases of conflict resolution

College Catalog - Parking Regulations

Parking decals may be issued at the discretion of the College.

Designated Parking Areas - Daytona State has open parking, except for areas mandated and enforced by state law: Yellow (Fire Lane), Blue (Handicapped). Visitor and other reserved areas are designated by signage. Please observe all parking regulations to ensure fairness to everyone attending the College.

Parking fines are $5, $7.50 and $10. Unpaid fines will result in a hold on student records, diplomas, transcripts and future registrations. Repea or flagrant offenders may be towed at their expense.

Students wishing to challenge a parking ticket issued by Campus Safety must attend an informal meeting with the Director of Campus Safety, Bldg. 540 on the Daytona Beach Campus, from 8-9 a.m. on any Wednesday. Students on all other campuses should contact the Provost's Office for an appointment. If necessary, the student will receive a referral to the Office of Judicial Affairs to file a grievance.

Speed Limit - The speed limit on campus is 10 mph unless posted otherwise.

Getting a Job through Career Services

Career Services provides complete support for Daytona State College students seeking employment. Whether you are trying to find a temporary job while attending Daytona State, or preparing for your first job in your profession following graduation, we have specialized expertise to help you accomplish your goal.

Before you graduate, you must be especially well prepared for the job search. The job market is very competitive at this time. You must know how to distinguish yourself above the rest. Create a great resume of your accomplishments and skills. Know the names of the employers in your field who will hire you. Know what they are looking for in qualified candidates. Make yourself the most qualified applicant for the job. Find out how to do all of these things through Career Services.

Some of our services include:

- Workshops –
  - Create Your Resume, College Transfer, Interviewing Techniques
- Perfect Interview
- Business Etiquette
- Dress for Success
- Employer Recruitment Visits
- Job Fairs
- University Recruitment Visits and Fall Transfer Fair
- Career Services Online (CSO): https://myinterfase.com/dbc/student/
  - Job search Assistance with Reference USA
  - Job Database
  - Employer Services/Recruitment Events
  - Co-op/Internships
  - Job Fairs
  - Job Tips
  - Event Calendar

For additional information, contact:
Daytona Beach Campus, Bldg. 100, Rm. 205
(386) 506-3073

DeLand Campus, Bldg. 7, Rm. 136
(386) 785-2074

Flagler/Palm Coast Campus, Bldg. 2, Rm. 100E
(386) 246-4803; or (386) 506-3073, ext. 4422 and 3559

New Smyrna Beach-Edgewater Campus, Bldg. 1, Rm. 151F
(386) 506-3687, (386) 506-6313

College Catalog - Question and Answer Center

The Question and Answer Center is where students can go to complete many student services in one place. Services include the following:

- Appeals Applications
- CLAST Waiver Requests
- Graduation Applications
- Independent Study Requests
- Reinstatement Requests
- Scholarship Applications
- Registration Issues

The Center is located in bldg. 100, room 119 on the Daytona Beach Campus.

College Catalog - Student Activities

Expand and enrich your college experience by getting involved with your campus and your community. The Student Activities Department is the social hub of the college, where you can meet other students who share common interests. Take advantage of the many opportunities to develop valuable career skills and earn scholarships by taking on leadership roles in various student clubs and organizations.

In Motion Student Newspaper - A monthly student publication that consistently wins top awards in state competition. Students also produce an annual literary magazine. Many former writers, photographers and editors for these publications are now employed in various media organizations throughout the world.

Student Government Association - The SGA is made up of elected and appointed officers who are directly involved in the college decision-making process. SGA representatives serve on various college wide committees that review college policies, procedures and expenditures. SGA officers also organize various campus events and community service projects.

Student Leadership Development Institute - Leadership skills can be gained through a combination of formal study, guidance, experience and reflection. The SLDI offers you this combination through workshops, opportunities to join the Student Government Association, clubs and college committees; and participate in community service projects.

Intramurals and Recreational Sports - There are several intramural sports activities that are open to all students. From flag football and soccer tournaments to informal ping pong games, you'll find it all.

Clubs and Organizations - There are more than 20 student clubs and organizations on campus to appeal to a wide variety of interests. In most cases, membership to clubs and organizations is open to all students.

For more information and a calendar of activities, contact Student Activities in Bldg. 130, Rm. 113 at the Daytona Beach Campus, Bldg. 7, Rm. 151 at the DeLand Campus, or the provost's office at the other campuses.

College Catalog - Student Consumer Information

In order to provide students with information related to attending Daytona State College, the following reports, policies and general information are available to students at the Web sites indicated, or by requesting a printed copy from the respective office.

Academic Programs and Policies - The complete list of programs and course descriptions can be found in the college catalog. The catalog also has links for academic information and graduation requirements, and for policies regarding academic standards of progress.

Student Privacy Information - The Family Educational Rights and Privacy Act (FERPA) provides certain rights to students related to educational records. This information can be found in the college catalog or is available from the Records Office, Bldg. 100 on the Daytona Beach Campus. FERPA regulations pertain to the release of student records to third parties, including parents, and the right to review and amend student records. For more information: http://www.daytonastate.edu/catalog/admission_info/records_student_info_svcs.html.

Campus Crime Statistics and Safety Policies - This information is available from Campus Safety, Bldg. 540 on the Daytona Beach Campus or from campus safety on any branch campus. For more information: Crime Statistics.

Financial Assistance Information - The Financial Aid Office administers all federal, state and local grant, loan, work and scholarship programs. This information can be found in the college catalog, and from the Financial Aid Office, Bldg. 100, on the Daytona Beach Campus or at each of the branch campuses.

For more information: http://www.daytonastate.edu/catalog/financial_information/financialindex.html.

For specific information about loan options and repayment options please see the following: Loan Options

Athletic Participation and Financial Support - Information about athletic program participation rates and financial support, and the annual completion and graduation rates of student athletes can be obtained from the Athletic Department, Bldg. 310, Rm. 235, on the Daytona Beach Campus, or from the Athletic Department Web site at: http://www.daytonastate.edu/athletics.

Drug Free Workplace - In compliance with the Drug Free Schools and Campuses Act of 1989, Daytona State prohibits the illegal use, purchase, sale, distribution, manufacture, or possession of drugs and alcohol on its campuses, or at any college-related activities. This policy applies to all employees and students. Employees, students and job applicants are required to receive information and or sign a Drug Free Certification form at the time of admission to the college. For more information: http://www.daytonastate.edu/campus_safety/drug_policy.html

For more information about the colleges response to the Drug Free Schools and Campuses Act, please click on the following link: Drug Free Information

Graduation/Completion and Transfer-out Rates - This information is available on the Daytona State Web or from the Office of Institutional Research, Bldg. 100, on the Daytona Beach Campus. To access online, please go to:http://www.daytonastate.edu/catalog/publications/GRSFA07.pdf

Institutional Information - Information about Daytona State regarding its academic and financial policies and practices can be found throughout the online college catalog. Searches can be done to find specific information about the cost of attending Daytona State, including the tuition and fees charged, estimates for the cost of books and necessary supplies, and any additional program costs. In addition, the catalog includes information regarding refund policies; the requirements and procedures for officially withdrawing from the institution; a summary of the requirements for the return of Title IV grant or loan assistance; a listing of the academic programs of the institution, including the current degree programs and other educational and training programs; the instructional, laboratory, and other physical facilities which relate to the academic program; and the institution's faculty and other instructional personnel. Other information in the catalog includes: The names of associations, agencies or governmental bodies that accredit, approve, or license the institution and its programs, and the procedures by which documents describing that activity may be reviewed; a description of the facilities and services available to disabled students and how to access the services; and information about study abroad and other consortia programs.

Other information of a general demographic nature can be found at: http://www.daytonastate.edu/ir/facts.html.

Voter Registration Information - Voter registration forms are available from the Records Office, Bldg. 100, on the Daytona Beach Campus, from the Student Activities Office, and from your County Supervisor of Elections Office of your permanent residence.

The Web site for Volusia County is: http://volusia.org/elections/reginfo.htm.

The Web site for Flagler County is: http://www.flaglerelections.com/register.htm.

College Catalog - Student Disability Services

The mission of Student Disability Services is to promote student success and arrange reasonable accommodations for students with disabilities. Our goal is to empower students and support full inclusion and access to college academic and career programs.

In order to receive services, a student must meet personally with a Student Disability Services (SDS) advisor and provide current written verification of his/her disability from a licensed physician, psychologist or mental health professional. The professional must have the credentials to render an appropriate diagnosis on an adult measurement scale. Students requesting accommodations for any Daytona State College placement exam are strongly encouraged to meet with an SDS advisor prior to scheduling the exam.

Students may contact Student Disability Services at the following locations:

Daytona Beach Campus, Bldg. 100 Annex
Phone: (386) 506-3238 or (386) 506-3086 for a TDD connection

Deland Campus, Bldg. 7, Rm. 142
Phone: (386) 785-2012

Deltona Campus, Bldg. 1, Rm. 208
Phone: (386) 789-7316

Flagler/Palm Coast Campus, Bldg. 2, Rm. 100C
Phone: (386) 264-4824

New Smyrna Beach Campus, Bldg. 1, Rm. 109
Phone: (386) 423-6307

College Catalog - Student Identification Cards

A current, valid photo ID is required to transact business at the business office, library, write checks at the bookstore, and for all other official college-related activities. Photo ID cards also allow you to attend all college activities open to students either free of charge or at special student rates.

Student photo ID cards, called the Daytona State Onecard, are issued free of charge after you have registered for your first semester. Visit www.daytonastateone.com or contact the Bursar's Office at (386) 506-3024 to learn more about the Daytona State Onecard.Take your current schedule or valid photo ID to the following locations to have your photo taken for the Daytona State Onecard.

Daytona Beach Campus - Campus Safety Bldg. 540
DeLand Campus - Administration Bldg. 7
Deltona Center - Administration Bldg. 1
Flagler/Palm Coast Campus - Administration Bldg. 1
New Smyrna Beach Campus - Administration Bldg. 1
Advanced Technology College - Administration Office

College Catalog - Student Insurance

Medical insurance is mandatory for all international students. Daytona State offers insurance for international students through Bert Reams Insurance Services, Inc. That office can be reached at (386) 258-3770, ext. 338, or by emailing bcapeh60@aol.com.

Please contact Global Education & Affairs at (386) 506-3141, email matthed@daytonastate.edu if you have any questions. All other students may contact Bert Reams Insurance Services or other preferred insurance providers for their insurance needs.

College Catalog - Student Policies, Rights and Responsibilities

Daytona State College has established specific policies and procedures to ensure the rights, integrity and safety of all members of the college community. Each year a Student Handbook is published with the following information:

Student Code of Conduct

Academic Integrity Policy

Computer Network & Internet Acceptable Use Policy

Infectious Diseases Policy

Drug Free Schools and Campuses Policy

Grievance Procedure

Due Process Procedure

Appeals Procedures

The student handbook is available on all campuses. It is distributed by the Office of Student Activities. For more information call (386) 506-3131.

College Catalog - Transfer Information

If you plan to transfer to another four-year college or university, you should visit Career Services or the Career Services Web site
(http://www.daytonastate.edu/career_services/

- Learn about dates to meet College and University recruiters on campus throughout the year
- Attend the Fall College Transfer Fair
- Attend the College Transfer Workshop held monthly on various campuses and join others who may have the same types of questions
- Use the free transfer handbook with details of how to research your transfer institution and step-by-step guidance for a successful transfer process
- College Matchmaker - An Internet program that helps you find the college that's just right for you
- College Blue Books and Chronicle Databooks that provide addresses, phone numbers and specific details such as admission requirements and activities.

Contact the College or University you plan to attend when you leave Daytona State early in your enrollment at Daytona State. This will help you to complete the specific courses you need. Planning your transfer early will help ensure a smooth transition into your chosen college/university program.