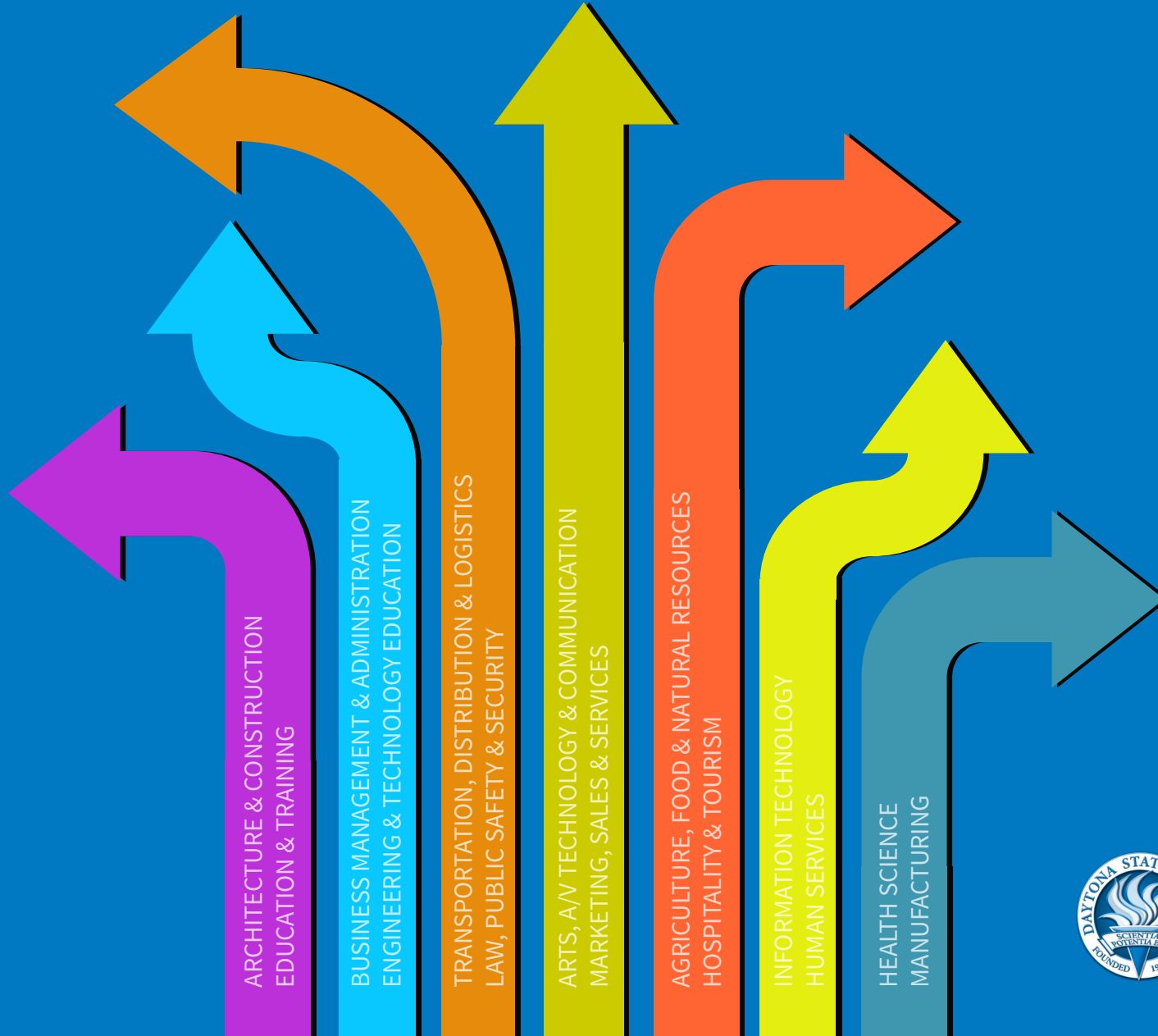


CAREER PATHWAYS GUIDE



DAYTONA
STATE COLLEGE
DAYTONASTATE.EDU

Welcome!

At Daytona State College, we truly have something for everyone, with more than 100 programs to choose from and a wide variety of pathways that will help you pursue your career objectives and meet your personal goals. Many of our certificate programs lead directly into associate degrees, and with 12 bachelor's degrees to choose from, you can continue your education right here at Daytona State.

This booklet will help guide you through some of the decisions you'll be making as you decide what path to follow, either as a first-time college student or as someone who is returning to advance their career. We know there are many questions about the process, but our team of advisors and counselors are here to assist you every step of the way.

We are pleased you considered Daytona State and all it has to offer, including athletic and cultural programs, student organizations and opportunities to make friends that will last a lifetime. Whatever you need to continue or complete your education can be found HERE at Daytona State College.

Best regards,
Dr. Tom LoBasso, President
Daytona State College

you belong
HERE

Who is this for?

High School Students

Planning for the future can sometimes feel overwhelming, especially with so many possibilities. Use this Career Pathway Guide to help simplify the process, explore all the options available to you, and take those first steps down the road that best represents your unique interests.

Guidance Counselors

There's nothing more rewarding than seeing the students you've mentored and guided reach their full potential. Helping them find the right path for a college education is a big part of that, and the Career Pathway Guide is designed to assist in the earliest stages of that process.

Parents

No one wants to see your children succeed more than you do, and you've already helped them reach this critical point in their lives. College is a big decision that can't be made alone, and the Career Pathway Guide is full of information that can help you provide a little more direction.

Working Adults

Your education doesn't have to stop just because you've already got a job. Maybe you've even earned a college degree or received advanced training, but want to advance further in your career. The Career Pathway Guide can show you pathways and how to build upon what you have already accomplished.



What Daytona State offers:

With more than 100 programs to choose from, we have one that's right for you. Each is designed to help you move ahead on your career pathway with flexible opportunities for employment.

1 Year or less Certificate Programs

Get started on a new career with specialized training that you can finish in one year or less. Our certificate programs can help you gain entry-level employment in a wide variety of fields. Certificate (college credit) and applied technology diploma credits also can go toward an associate of science (A.S.) degree as you continue your path to greater opportunity.

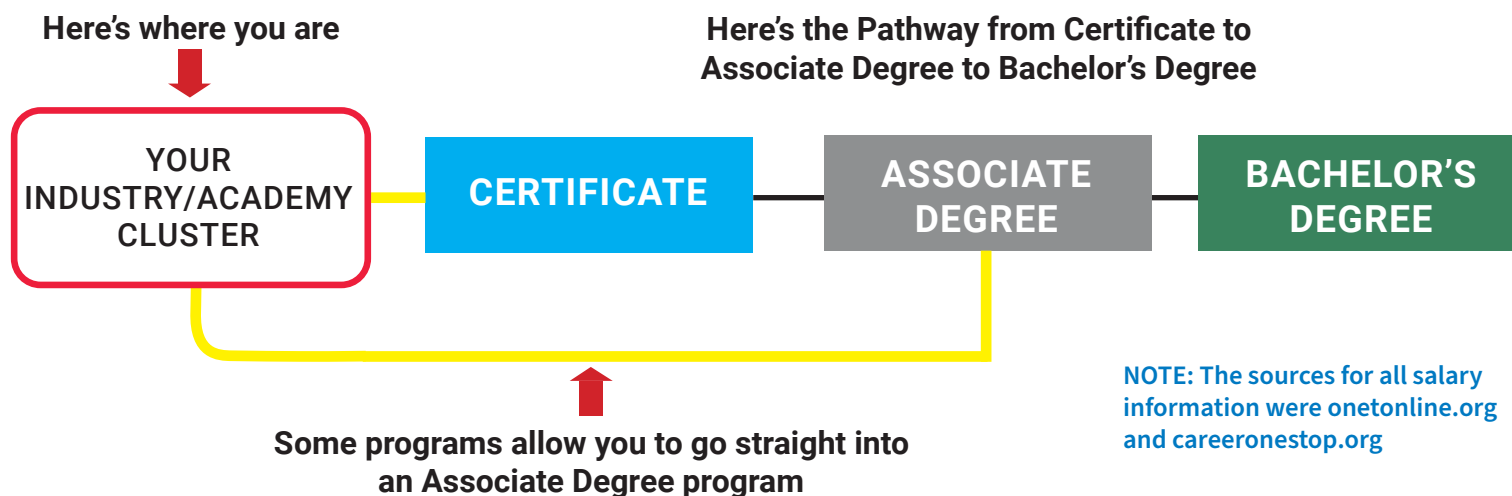
4 Years Bachelor's Degrees

Our bachelor's degrees are developed under a 2+2 model. That means you earn your associate degree first, then transition into upper-level baccalaureate studies during your junior and senior years. Many of our bachelor's degree students take advantage of internships and cooperative education opportunities while in school. It's why a majority of our four-year graduates land jobs in their field within three months of earning their degrees. They're able to hit the ground running and perform on the job right away.

2 Years Associate Degrees

Many of our students start their pathway with a certificate that will prepare them for entry into their field of interest. From that waypoint, they move on to an associate of science degree that offers them more opportunities and earning potential. Others continue after earning their A.S. or A.A. degree, transferring into one of our 12 bachelor's degree programs in supervision and management, accounting, engineering and information technology, education or nursing.

How to use this guide:



Frequently asked questions

What is a career cluster?

A career cluster is a group of jobs and industries that are related by skills or products. Within each cluster, there are “pathways” that lead to a collection of courses and training opportunities to prepare you for a given career.

What is a career pathway?

A career pathway is a collection of programs and services intended to develop your core academic, technical and employability skills. A career pathway offers clear direction that provides you with continuous education and training. The pathway will also connect you to high-demand, high-opportunity jobs.

When can I begin a pathway?

You can choose to begin your journey on a pathway any time after high school graduation, whether you are new or returning to college, or in pursuit of a career change.

How do I choose a career pathway?

It’s easy! Follow your interest, skills and heart. Talk to an advisor, friends, relatives and school counselors. You can request a tour of any of our DSC campuses to learn more about our programs and faculty.

What is the difference between a college certificate and a college degree?

A certificate is usually two years or less that results in a specific skillset or industry certification. A 2- or 4-year degree allows you to expand on the foundation you’ve

set and increase your opportunities for advancement. Typically, your earning power increases with each certificate and degree earned.

Did you know that you can earn industry certifications along your pathway?

All of our certificate programs align with and prepare you to earn industry certifications in your specific field. Industry certifications are nationally recognized and increase your employability and earning potential.

What if I begin with a vocational certificate? Can those credits transfer into an associate degree?

Yes. Upon completion of many of our vocational certificate programs, you can transfer 23 credit hours into the A.S. in Industrial Management degree program.

How do I find out if credits I earn in my high school industry cluster apply toward my college certificate and/or degree program?

Talk to your guidance counselor or DSC advisor for details on how your high school courses may count toward a program at DSC.

We're here to help!

Daytona State College makes it easy to attend class and achieve your goals by giving you help when you need it. Think of us as a team of professionals with a common goal: your success.

Advising

Academic advisors are ready to help you from the day you first enroll in classes all the way to graduation. They're here to ensure you choose the classes that are most appropriate for your intended major. They will help you stay on track and find the resources you need to be successful.

Counseling

Daytona State counselors are licensed and experienced mental health professionals who can provide confidential short-term counseling services to students and link them to local community mental health professionals for long-term counseling, treatment or therapeutic intervention.

The Academic Support Center

The Academic Support Center (ASC) provides support to all DSC students by helping them develop the educational skills and strategies that are essential for academic achievement. Tutoring, workshops, learning sessions, computers, printers and other tools are available to all currently registered students. These facilities and learning specialists are available on all campuses.

Library - Computing Commons

The Daytona Beach and DeLand Campus libraries provide a wide range of resources and services, including print and digital collections, electronic databases, research assistance and more. Most services are also available online and a network with other state and national libraries provides 24/7 access. A Computing Commons on each DSC campus provides access to computers, academic software and the internet.

DSC Writing Center

When you visit the DSC Writing Center, you'll get free highly individualized assistance with your writing on any subject at any stage in the process. Whether it's for a course, personal project, resumé, or scholarship essay, we'll help you develop your strengths as a writer.

Career Services

The Career Services Department aids current students and alumni with career path selection, resumé writing and interview preparation. On-campus job fairs are scheduled throughout the year, giving you an opportunity to meet with local and national employers who are hiring.

Counseling & Accessibility Services

Counseling & Accessibility Services (CAS) provides students with disabilities equal opportunity and access to classes, educational programs and activities. CAS advisors work with students individually to determine appropriate adjustments and support services each student is eligible to receive. Contact CAS prior to enrollment to arrange for any accommodations.

Center for Women and Men

The Center for Women and Men, located on all campuses, is a resource for students facing hardships to receive support. You may be eligible to receive financial assistance with tuition, books, uniforms and childcare. Emergency bus passes, a career-ready clothes closet, Falcon Grab-and-Go snack stand, textbook lending library, and many services for homeless and hungry students also are available.



plumbing

INDUSTRY/ACADEMY CLUSTER: ARCHITECTURE & CONSTRUCTION

Architecture and Construction

There are many career opportunities for motivated students interested in a “hands-on” position with a company or as an independent contractor. Students receive expert instruction from our teaching staff and learn about the latest technological equipment and methods in architectural and building technologies, drafting and design, interior design and AutoCAD Foundations. Many of our graduates gain additional experience by working part-time in their field of study while attending classes.

Students will learn basic construction skills, which include construction techniques, reading blueprints and specifications, and developing additional trade skills in carpentry, masonry, plumbing and air conditioning. Additionally, students will have the opportunity to earn industry credentials from the National Center for Construction Education and Research (NCCER).



“Daytona State provided me with the self-confidence and the foundation I needed to pursue my general contractor’s license and start my own business. It’s the perfect place to go for anyone who’s looking to develop their future.”

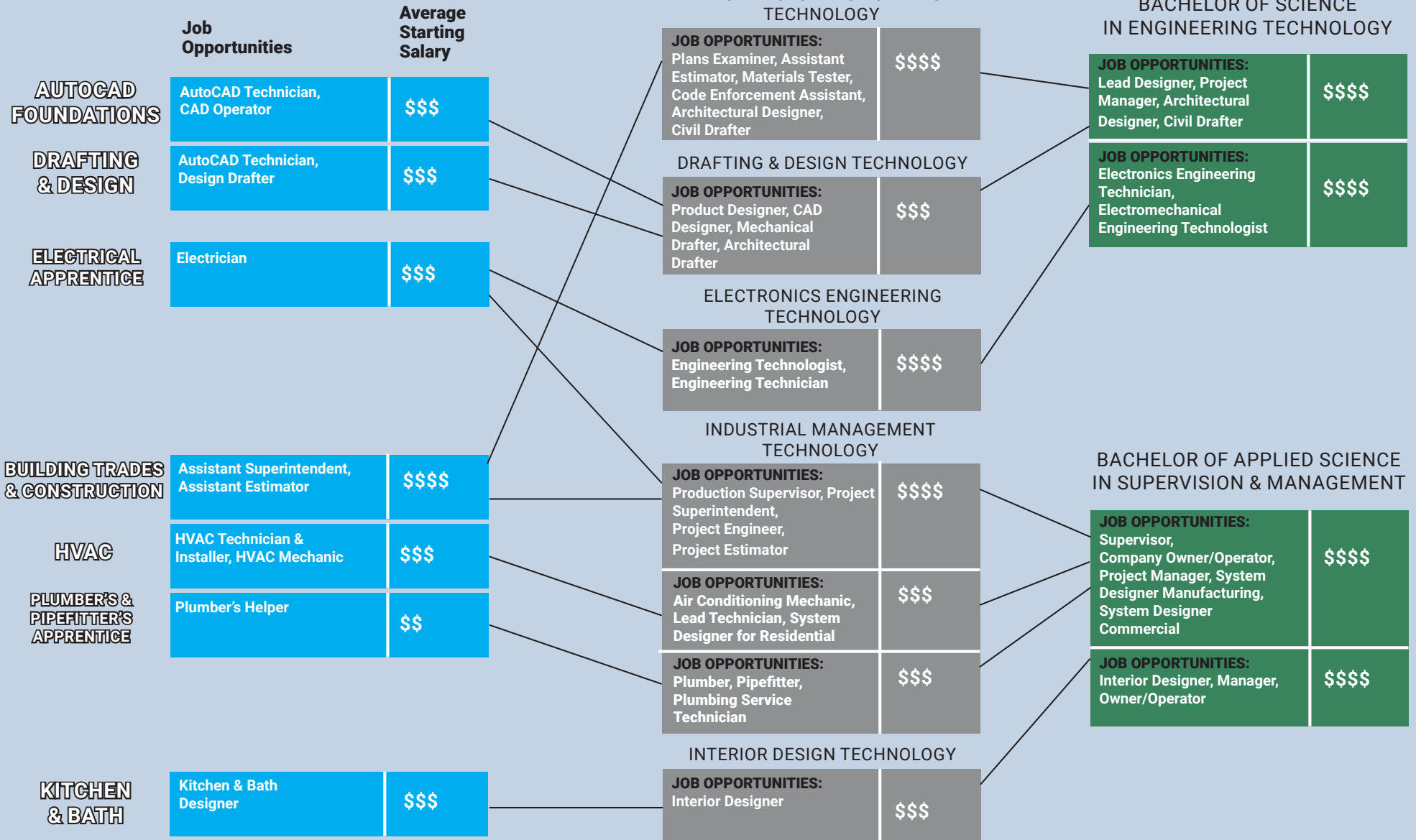
— Jim Grey, Building Trades & Construction Certificate

ARCHITECTURE &
CONSTRUCTION

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE



\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus



photographic technology

Arts, AV Technology & Communication

Get a leg up in the high-demand fields of photography, broadcast production and music production. You won't have to travel far to develop your skills in state-of-the-art facilities either. The nationally recognized Southeast Museum of Photography and WDCS-TV are located on our Daytona Beach Campus, and two of the finest performance venues in Daytona Beach are digitally linked to our recording studio offering cutting-edge technology.

You can even blend it all together through our Digital and Interactive Media Production program, using narrative writing, audio, video, animation, social media, web creation, design and analytics to develop multimedia marketing plans that promote businesses and organizations. Learn all the latest technology and software in our advanced studios, editing suites and classrooms, while building a personal portfolio that highlights your skills in each area.



“ I saw the music production and recording studios here and it was like eye candy, so I immediately switched majors because it just seemed like this program was made for me. ”

— Ysa Fernandez,
A.S. Music Production Technology

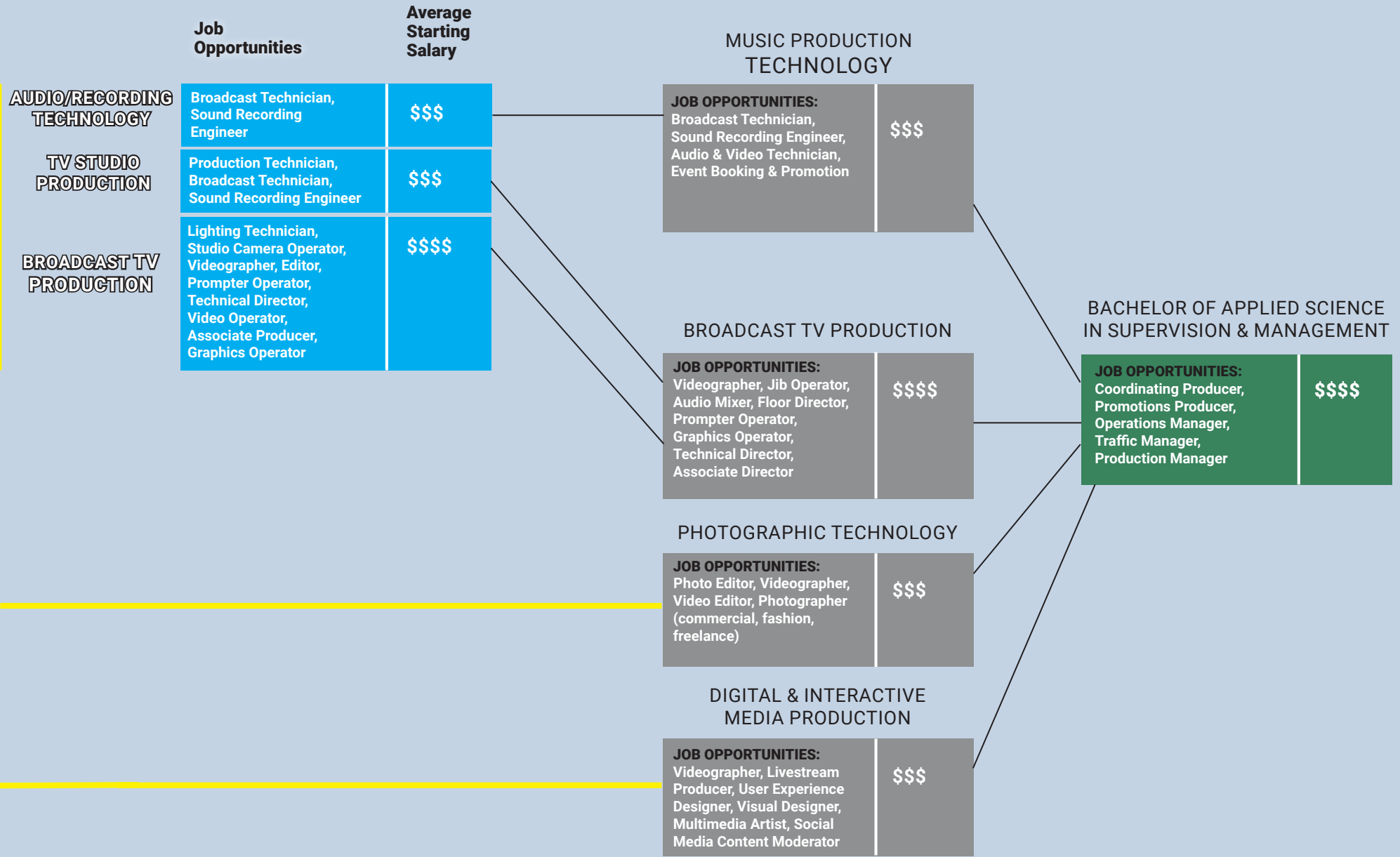
INDUSTRY/ACADEMY CLUSTER:
ARTS, A/V TECHNOLOGY &
COMMUNICATION

ARTS, AV
TECHNOLOGY &
COMMUNICATION

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE



\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus



business management

INDUSTRY/ACADEMY CLUSTER: BUSINESS MANAGEMENT & ADMINISTRATION

Business Management & Administration

Are you a natural born leader who has a knack for managing teams and projects? Perhaps you have dreams of being an entrepreneur. Or maybe you want to learn the skills that will help you become part of a business enterprise or move up within the ranks of your current employer. The School of Business Administration at Daytona State offers a variety of programs to suit your interests. You can choose from different tracks that include accounting, marketing, paralegal studies and office administration, to name a few.

Whatever track you choose, an associate degree leads directly into the Bachelor of Applied Science (B.A.S.) in Supervision and Management or B.S. in Accounting. Upper-level coursework in the B.A.S. is a comprehensive, integrated program of study that will broaden your knowledge of applied business practices and prepare you for higher-level management and supervisory opportunities.

**BUSINESS
MANAGEMENT &
ADMINISTRATION**



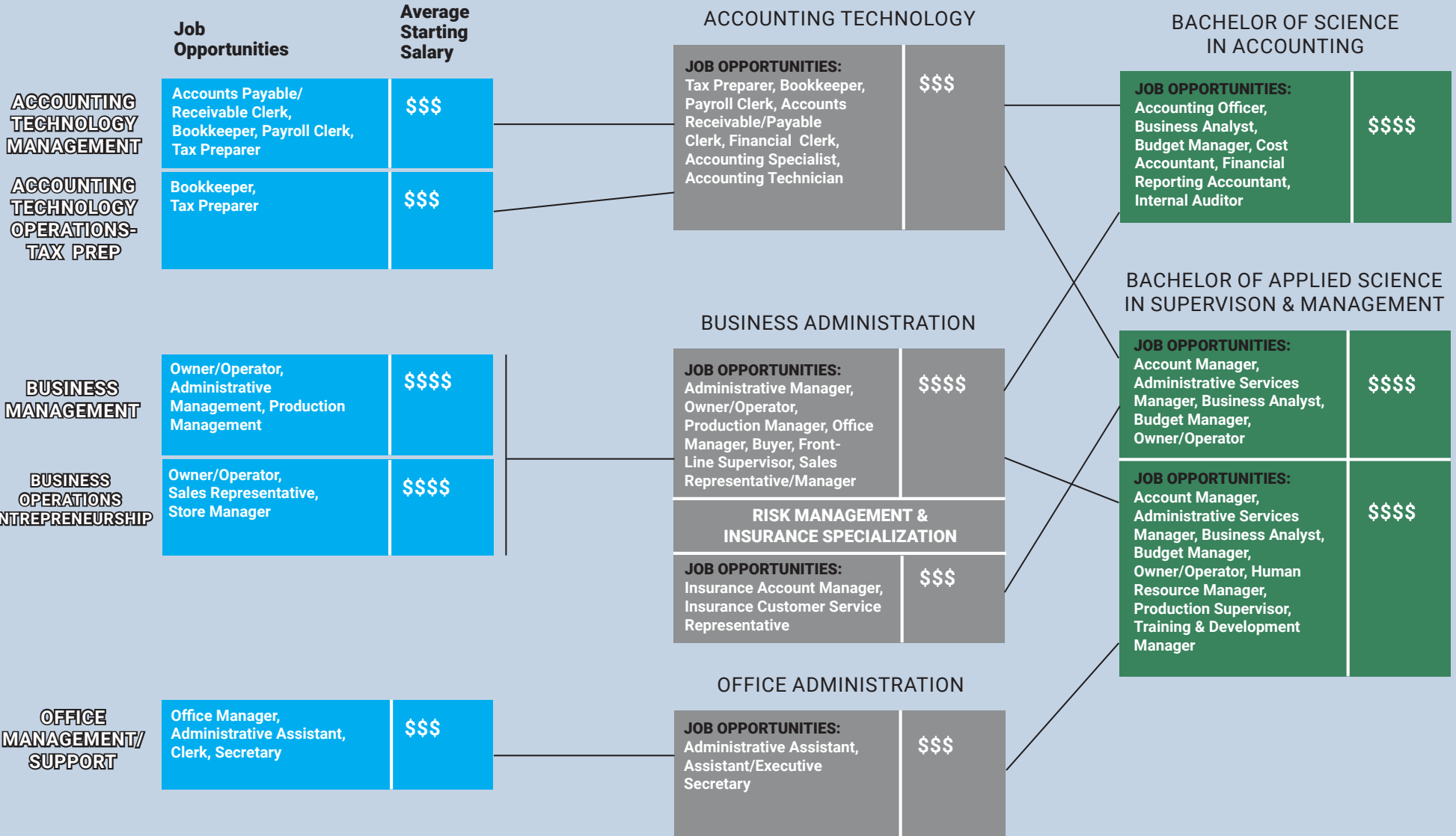
“ It’s a myth that you have to go right to a four-year university. I was directly using what I went to school for, right away, and I advanced from there to other positions. My time at DSC led to a career in a workplace I’ve been with for over 25 years. ”

**— Jennifer Webster,
A.S. Accounting Technology**

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE



\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus



education

Education & Training

Do you want to help shape the lives of children and adolescents? Do you want to make a difference? Do you enjoy working with people? If you answered “yes” to these questions, consider a career in education. Daytona State provides degree programs that prepare you for teaching at the elementary or secondary level, and also offers training that focuses on early childhood development and education. Elementary Education and Exceptional Student Education (ESE) programs include a reading endorsement and ESOL endorsement as well.

By following the path that’s right for you, you’ll be state-certified and ready for entry in a K-12 environment or prepared to work as a child development center manager, teacher, or curriculum coordinator. Our experienced faculty is dedicated to providing you with the essential knowledge and strategies needed to become successful in whichever specialized area you choose.



“ When I moved here, I didn’t know anyone, but Daytona State helped me gain a lot of friendships and positive experiences that I wouldn’t trade for anything. ”

— Ariel Kavanagh,
B.S. Degree, Education

INDUSTRY/ACADEMY CLUSTER:
EDUCATION & TRAINING

EDUCATION &
TRAINING

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE

EARLY CHILDHOOD EDUCATION

Job Opportunities	Average Starting Salary
Child Care Aide Worker, Child Care Provider/Assistant, Nanny	\$

EARLY CHILDHOOD EDUCATION

JOB OPPORTUNITIES:	Salary
Child Development Center Teacher, Child Development Center Curriculum Coordinator, Infant-Toddler Teacher, Pre-School Teacher, VPK Teacher, After School Coordinator, Early Childhood Coach, * Director	\$\$

BACHELOR OF APPLIED SCIENCE IN SUPERVISION & MANAGEMENT

JOB OPPORTUNITIES:	Salary
Child Development Center Manager, Pre-School Teacher, Child Care Administrator, VPK Teacher, Early Childhood Coach, *Director	\$\$\$

* Upon completion of a director credential class

BACHELOR OF SCIENCE IN EDUCATION

ASSOCIATE OF ARTS DEGREE

Complete A.A. to satisfy degree, including general education requirements, for transfer into a bachelor's program. It does not typically lead to potential jobs.

JOB OPPORTUNITIES:	Salary
Elementary Education Teacher, Exceptional Education Teacher, Secondary Biology Teacher, Secondary Chemistry Teacher, Secondary Earth/Space Teacher, Secondary Mathematics Teacher, Secondary Physics Teacher	\$\$\$



electrician

**INDUSTRY/ACADEMY CLUSTER:
ENGINEERING &
TECHNOLOGY EDUCATION**

**ENGINEERING &
TECHNOLOGY
EDUCATION**

Engineering & Technology Education

Engineering technologists are problem solvers. Some help engineers and scientists with research and development. Some build or assemble equipment, conduct experiments, collect data or calculate results. Others are involved with quality control, checking products, testing and finding ways to produce products more efficiently. They work in a wide variety of industries, including aerospace, medicine, environmental sciences, computer science, electronics and software development, manufacturing and construction.

Students graduating from Daytona State College’s Engineering Technology program will be prepared to effectively work as part of an engineering team. Specifically, graduates will be able to translate theoretical designs into actual products in professions such as: systems engineer, process analyst, technical sales engineer, network supervisor, project engineer, calibration engineer, or programmer.



“Daytona State College has always given me the opportunity to reinvent myself. You will find it all here at DSC with the incredible faculty guaranteed to provide personal guidance and knowledge. If you’re willing to work hard and your goal is to learn, there’s no better place than Daytona State!”

— Mary McGehee, A.A.

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE

ELECTRICAL APPRENTICE

Job Opportunities	Average Starting Salary
Electrician	\$\$\$

ELECTRONICS ENGINEERING TECHNOLOGY

JOB OPPORTUNITIES:	Salary
Electronics Engineering Technician, Electromechanical Engineering Technologist	\$\$\$\$

BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY (Electrical Engineering Concentration)

JOB OPPORTUNITIES:	Salary
Technical Director, Electrical Tech/Project Manager	\$\$\$\$

CAD & DRAFTING

Job Opportunities	Average Starting Salary
Drafters, Electrical and Electronic Drafter, Mechanical Drafter	\$\$\$

ENGINEERING TECHNOLOGY

JOB OPPORTUNITIES:	Salary
Manufacturing Engineering Technician, Industrial Engineering Technician, Mechanical Engineering Technician, Mechatronics Technician	\$\$\$\$

BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY

JOB OPPORTUNITIES:	Salary
Mechanical Engineer, Mechanical Engineering Technologist, Manufacturing Engineer	\$\$\$\$

SIMULATION & ROBOTICS

JOB OPPORTUNITIES:	Salary
Systems Test Technician, Simulator Operator	\$\$\$\$

What's New Highlights

What's New?

In this new economy, our future depends upon a skilled workforce and a postsecondary education secures those required skills and credentials. Daytona State College is the gateway that builds capacity for employers and connects new and incumbent workers to meaningful pathways. So, what's new? Pathways to the A.S. Degree, opportunities to Earn While You Learn, fast track to Rapid Credentialing and sought after skill attainment to support Regional Job Growth.

Pathway to the A.S. Degree

The Industrial Management Technology A.S. degree program prepares vocational students for entry-level employment in management or administration. This pathway offers an articulated curriculum that transfers up to 23 college credits to the A.S. degree for students who have earned a postsecondary adult vocational training certificate. Opportunities are extended to individuals with an approved work portfolio.

Earn While You Learn

The Pathways to Opportunities Program expands the capacity of the Plumbers & Pipefitters Apprenticeship Program currently offered at Daytona State College. This funding expands program enrollments and introduces new training technologies that align with the workplace.

The Federation for Advanced Manufacturing Education (FAME) is a nationally recognized program based on Toyota's Advanced Manufacturing Technician (AMT) program. The earn-while-you-learn model provides students the pathway to earn an industry recognized degree while gaining valuable experience at a sponsoring company. In two years, students will earn an associate degree through Daytona State College, and log approximately 1,800 on-the-job hours at a sponsoring company.

Rapid Credentials

Rapid Workforce Credentialing Training has been introduced to fill immediate and emerging workforce needs. Program participants can earn a credential that adds value to their employability profile and qualify them for additional certification training. Rapid credentialing can be completed in 18 weeks or less. These low-cost programs target those who are unemployed, under-employed, or furloughed. Check out all the programs on page 33.

Job Growth

The Florida Job Growth Program offered at Daytona State College was created to provide participants with transferrable, sustainable workforce skills while at the same time respond directly to local workforce needs. See page 32 for more information



Industrial Management Technology

If you've already graduated from a certificate or apprenticeship program, let Daytona State's Industrial Management Technology program prepare you for an entry-level management or administration position. You'll learn additional technical and supervisory skills, increase your technical knowledge, and enhance communication, computation and job skills. You can also earn credit for prior learning through industry certificates, time worked, or work experience and military service. It helps pave the way for an A.S. degree and sets you up for entry into our Bachelor of Applied Science in Supervision and Management program, too. It's the perfect pathway for those who want to advance in their field and elevate their overall performance.

A pre-admission consultation with the Director of the School of Workforce is required for entry into this limited access program. Students must bring the following documentation to the consultation: unofficial transcripts and course descriptions from trade school or institute attended, a short narrative of technical training and career, a current resumé, copies of certificates of completion/achievement in trade or craft, and other supporting documentation students might want to have evaluated. Credit will be awarded as BCT2990 (Technical Training) at 23 credit hours for an approved apprenticeship or career certificate program.

Students must have completed an appropriate registered apprenticeship or certificate program of 700 contact hours or equivalent with a GPA of 2.0 or better. Students may also earn Credit for Prior Learning, through industry certificates, time worked, experience through work and military service. The certificate or registered apprenticeship program will be evaluated based on requirements of the Conversion of Credit process, including proof of achievement of program outcomes. If approved, credit will be awarded as BCT2990 (Technical Training) for 23 credit hours.

Students may pursue the A.S. degree and also earn the A.S. certificate while completing the requirements for the Industrial Management program, or pursue the A.S. certificate to develop and upgrade their skills.

Graduates of the program will be able to:

1. Prepare financial information for management-related decisions.
2. Generate effective communication of ideas, concepts and terminology.
3. Apply business related theories to problems, cases, or research papers.
4. Create business documentation using appropriate software.
5. Formulate a company marketing plan using marketing concepts.
6. Develop a business plan for a new business venture.
7. Demonstrate proficiency in a technical field including theory, applications, troubleshooting and safety.
8. Demonstrate the ability to plan and initiate projects within a technical field.



“ I had a great experience with the Industrial Management Technology program with DSC. The program is made to teach applicable skills that can be used through many different pathways. I recommend it to anyone interested in working in the industrial fields. ”

—Paul Lawrence

INDUSTRY/ACADEMY CLUSTER: HEALTH SCIENCE

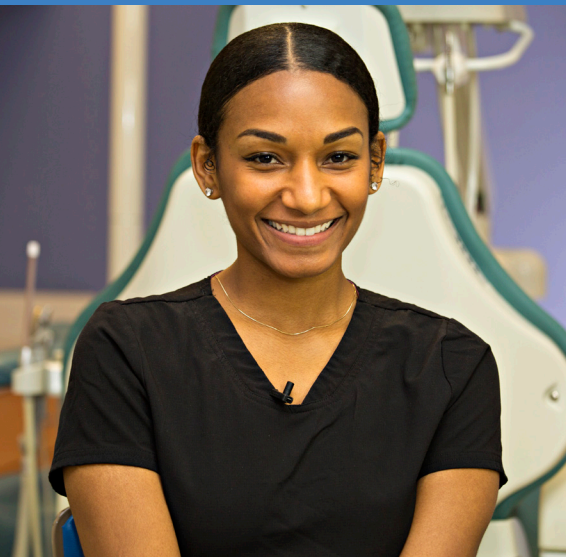


surgical technology

Health Science

Health professionals make up a large portion of the healthcare field with varying educational levels and job responsibilities. They are involved in the delivery of healthcare or services related to diseases and disorders that include therapeutic, diagnostic and rehabilitation interventions. The School of Health and Public Service also provides education and training in the areas of early childhood education and human services.

A strong education coupled with clinical training will help ensure your success in this field. At Daytona State you will have access to quality academic programs, outstanding faculty who provide personalized attention and state-of-the-art facilities that serve to educate and help you reach your goals. The faculty is committed to providing personalized attention to students, embracing diversity and using innovation to enhance teaching and learning.



“ The program exposes you to all of the different materials and technology utilized in the workforce. Having the hands-on training in the program was beneficial and doing the externship program brought everything together for me.”

— Aqlimiyah Simmons,
A.S. Dental Assisting

HEALTH SCIENCE

\$= 17,000-25,000

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE

Job Opportunities **Average Starting Salary**

NURSING ASSISTANT

Nursing Assistant in Nursing Home or Doctor's Office	\$\$
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PRACTICAL NURSING

Licensed Practical Nurse	\$\$\$
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DENTAL ASSISTING

Dental Assistant	\$\$\$
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EMT

Emergency Medical Technician	\$\$
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PARAMEDIC

Paramedic	\$\$
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MEDICAL CODER/BILLER

Medical Biller, Medical Coder, Medical Records Technician	\$\$\$
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MEDICAL ASSISTANT

Medical Assistant, Medical Office Manager	\$\$\$
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MASSAGE THERAPY

Massage Therapist	\$\$\$
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NURSING/NURSING TRANSITION

JOB OPPORTUNITIES: Registered Nurse	\$\$\$\$
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DENTAL HYGIENE

JOB OPPORTUNITIES: Dental Hygienist	\$\$\$\$
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EMERGENCY MEDICAL SERVICES

JOB OPPORTUNITIES: Advanced Care Provider	\$\$\$
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HEALTH INFORMATION TECHNOLOGY

JOB OPPORTUNITIES: Health Information Technician	\$\$\$
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BACHELOR OF SCIENCE IN NURSING

JOB OPPORTUNITIES: Nurse, Nursing Supervisor, Nursing Administrator, Nursing Educator	\$\$\$\$
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OCCUPATIONAL THERAPY ASSISTANT

JOB OPPORTUNITIES: Occupational Therapy Asst.	\$\$\$\$
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OPTICIAN TECHNOLOGY

JOB OPPORTUNITIES: Licensed Optician, Ophthalmologist	\$\$\$
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PHYSICAL THERAPIST ASSISTANT

JOB OPPORTUNITIES: Physical Therapist Asst.	\$\$\$\$
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SURGICAL TECHNOLOGY

JOB OPPORTUNITIES: Surgical Technologist	\$\$\$
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RADIOGRAPHY

JOB OPPORTUNITIES: Registered Radiologic Tech.	\$\$\$
--	--------

\$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus



beverage science

INDUSTRY/ACADEMY CLUSTER:
HOSPITALITY & TOURISM



Hospitality & Tourism

Would you like to work in the most high-growth industry in Central Florida, the nation and the world? The Hosseini College of Hospitality and Culinary Management offers a variety of multidisciplinary fields of study that build upon one another and combine theoretical concepts with hands-on, applied training. Our mission is to produce skilled graduates who can secure careers in the fast-paced, changing and competitive business environment of the hospitality and culinary industries.

The College offers an ultra-modern learning environment for our students, complete with kitchens, high-tech classrooms for instruction in sales and marketing, and areas for front office and concierge services training. The facility provides our students with a real-world setting to practice their crafts and hone their skills so they will be prepared for immediate entry into careers upon graduation—careers built on competencies that will bring quality and excellence to an increasingly competitive hospitality and tourism market.



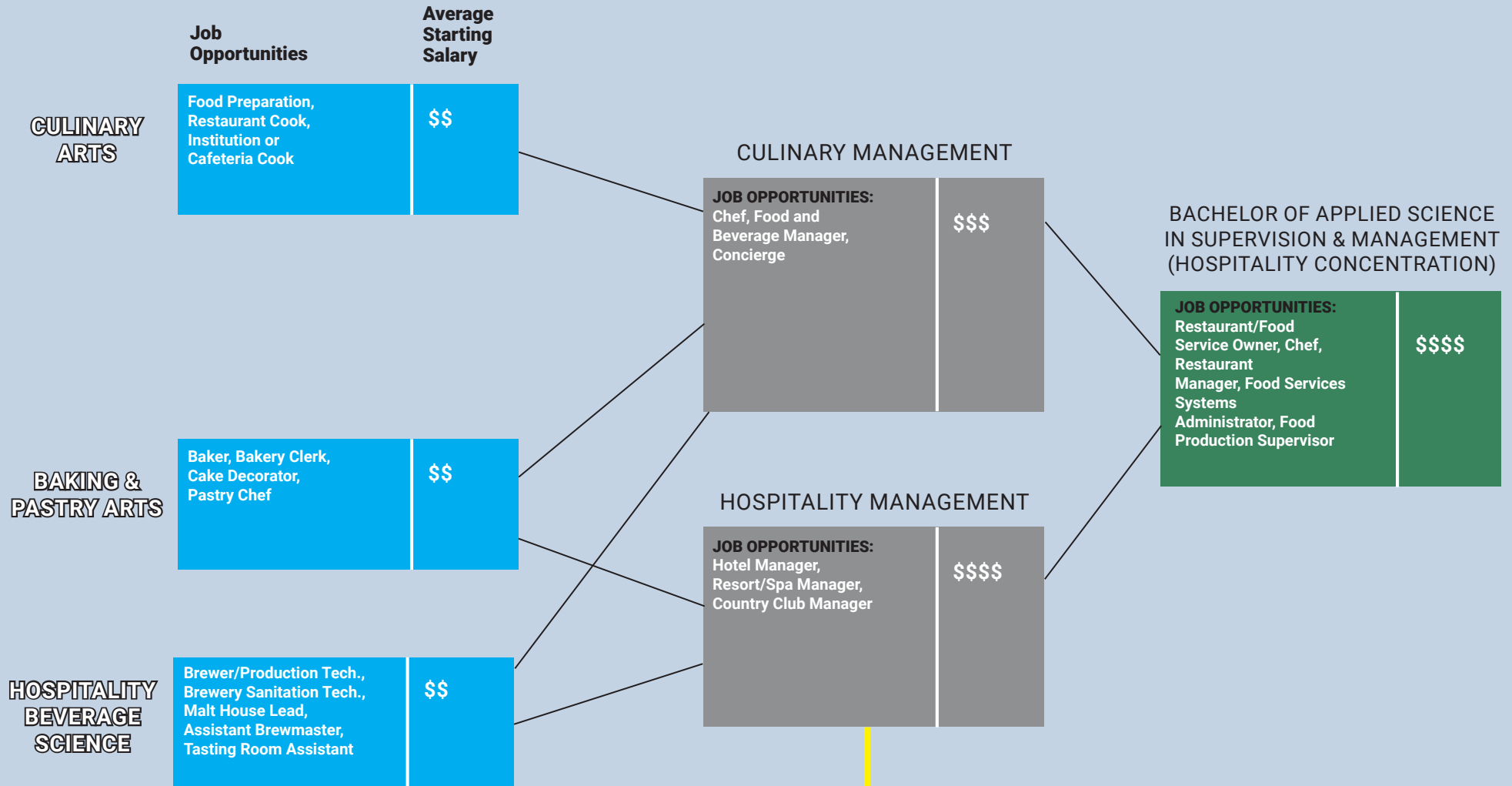
“ The program enhanced what I already had in me, and everything they taught is exactly what I use today. If you want to be successful, you’ll realize here that you can be. ”

**—Shakara Robinson,
A.S. Culinary Management**

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE



\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus



network server administration

INDUSTRY/ACADEMY CLUSTER:
INFORMATION TECHNOLOGY

Information Technology

Prepare yourself for technical positions in the expanding fields of information technology, network security, digital forensics, databases and programming. Graduates will have a broad understanding of processes that support the development, delivery, management and security of information systems. The program includes detailed course work in all aspects of the IT field including operating systems, networks, programming, digital security and forensics, databases and web systems.

An advanced technical certificate also allows students to delve deeper into cybersecurity and cyberforensics where they will be exposed to hands-on projects that combine theory, legal issues and technical knowledge to solve real-world problems. The program incorporates innovative, tested methods of instruction with hands-on lab work to encourage student learning and success.



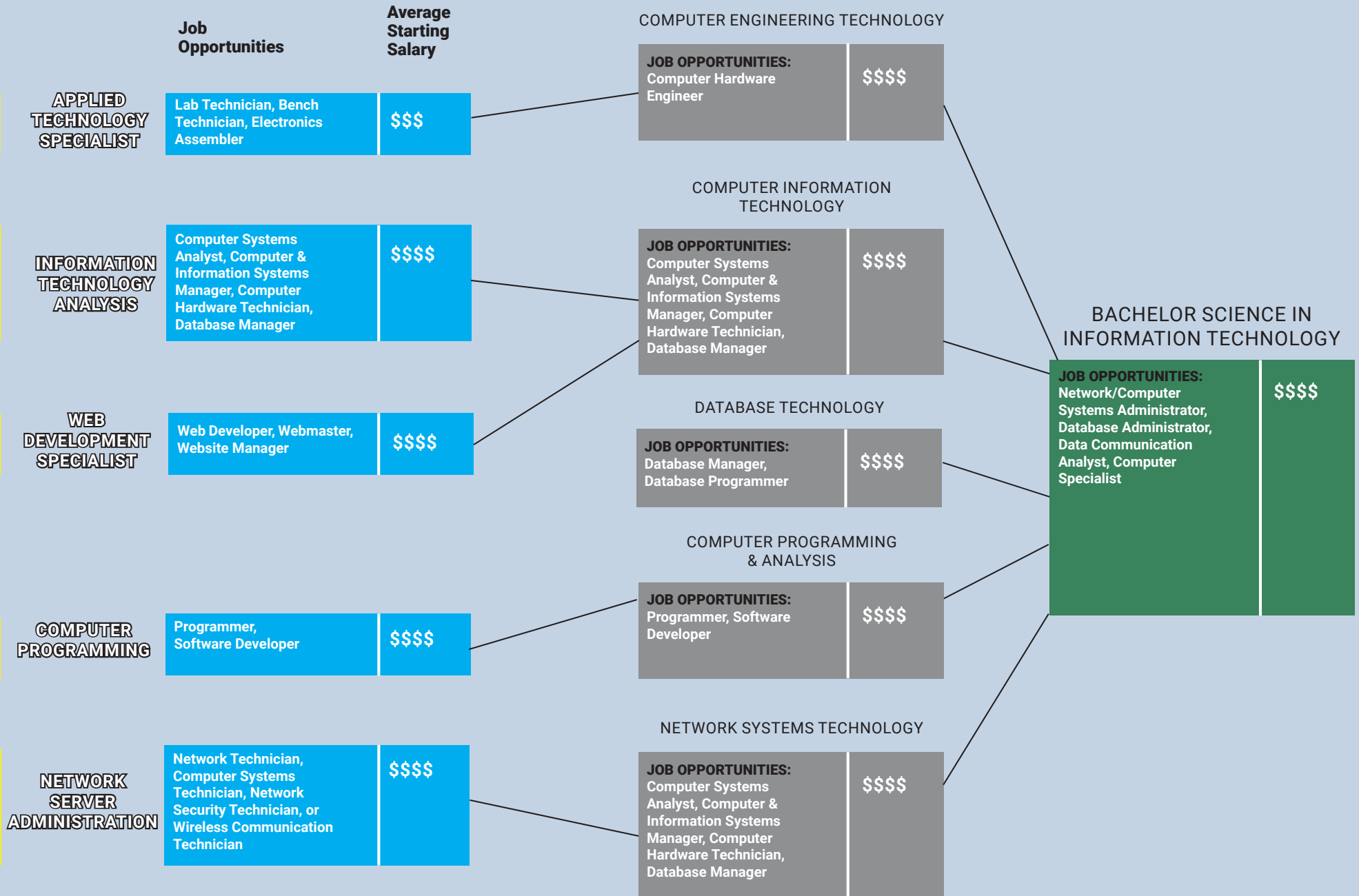
“ I wanted to do something non-traditional and DSC helped me get work experience and learning opportunities outside the classroom. ”

**—Adissa Gibson,
A.S., Network Systems Technology
B.S., Information Technology**

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE



\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus



firefighter

INDUSTRY/ACADEMY CLUSTER: LAW, PUBLIC SAFETY & SECURITY

LAW,
PUBLIC SAFETY
& SECURITY

Law, Public Safety & Security

A career in public safety offers some of the most plentiful and recession-proof jobs of any industry, and the School of Emergency Services, located at the Advanced Technology College, offers a place for you to start. Whether it's law enforcement, corrections, fire or EMS, your future begins here. From initial training to in-service and specialized training, the School of Emergency Services can get your career off the ground or help you advance to a higher level.

In addition to initial certification training programs, the School of Emergency Services offers advanced training and college degree programs to enhance your career, such as the Criminal Justice Technology Bridge A.S. Degree. Available online, it's the perfect choice for law enforcement or correctional officers who wish to obtain a degree but are required to work varying schedules.



“ I don't think I would be a police chief today had I not gone to Daytona State College 30 years ago, got my basic law enforcement certification, and went on to get my A.A. degree. This was the foundation, the launchpad, to my career and success. ”

— Craig Capri,
Law Enforcement Academy, A.A.

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE

Job Opportunities **Average Starting Salary**

CORRECTIONS OFFICER

Correctional Officer, Jailer, Police Officer, Sheriff, Patrol Officer

\$\$\$

FLORIDA LAW ENFORCEMENT ACADEMY

Correctional Officer, Jailer, Police Officer, Sheriff, Patrol Officer

\$\$\$

FIREFIGHTER

Firefighter

\$\$\$

CRIMINAL JUSTICE

JOB OPPORTUNITIES:

Correctional Officer, Jailer, Police Officer, Sheriff, Patrol Officer, Criminal Investigator, Detective

\$\$\$

EMERGENCY MEDICAL SERVICES

JOB OPPORTUNITIES:

Advanced Care Provider

\$\$\$

PARALEGAL STUDIES (LEGAL ASSISTING)

JOB OPPORTUNITIES:

Paralegal, Legal Assistant, Court Clerk, Legal Secretary

\$\$\$

BACHELOR OF APPLIED SCIENCE IN SUPERVISION & MANAGEMENT

JOB OPPORTUNITIES:

Criminal Investigator, Detective, Supervisor, Chief of Police

\$\$\$\$

JOB OPPORTUNITIES:

Supervisor, Fire Inspector, Fire Investigator

\$\$\$\$

JOB OPPORTUNITIES:

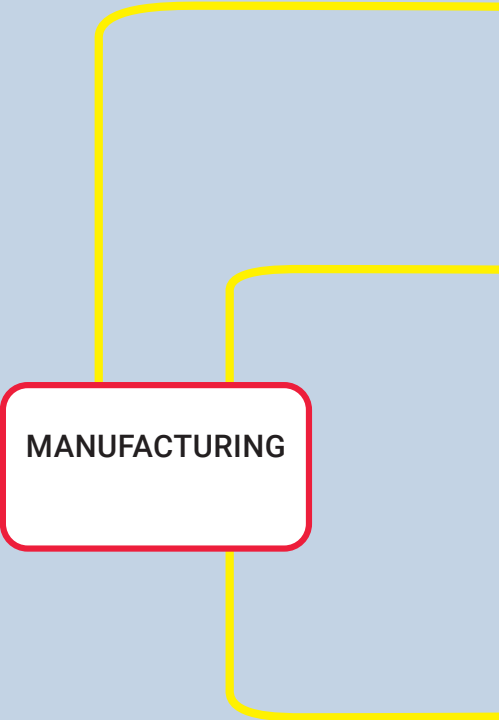
Case Manager, Partnership Executive Assistant

\$\$\$



machining

INDUSTRY/ACADEMY CLUSTER:
MANUFACTURING



Manufacturing

Do you wonder where the hot jobs are, with good pay? Daytona State can get you started in a number of high-demand, skilled trades. Our instructors, who are working professionals in their field, will show you the ropes in air conditioning, refrigeration and heating (HVACR), machining or welding. Learn using the most up-to-date tools and programs, including Computer-Aided Design (CAD) and drafting software. Some programs also offer on-the-job experience in addition to classroom instruction.

We offer convenient evening classes and reduced tuition for an affordable, top-notch education and you can earn nationally recognized industry certificates, too. Graduating students from each vocational certificate program also receive credits toward their A.S. in Industrial Management, opening more career pathways.



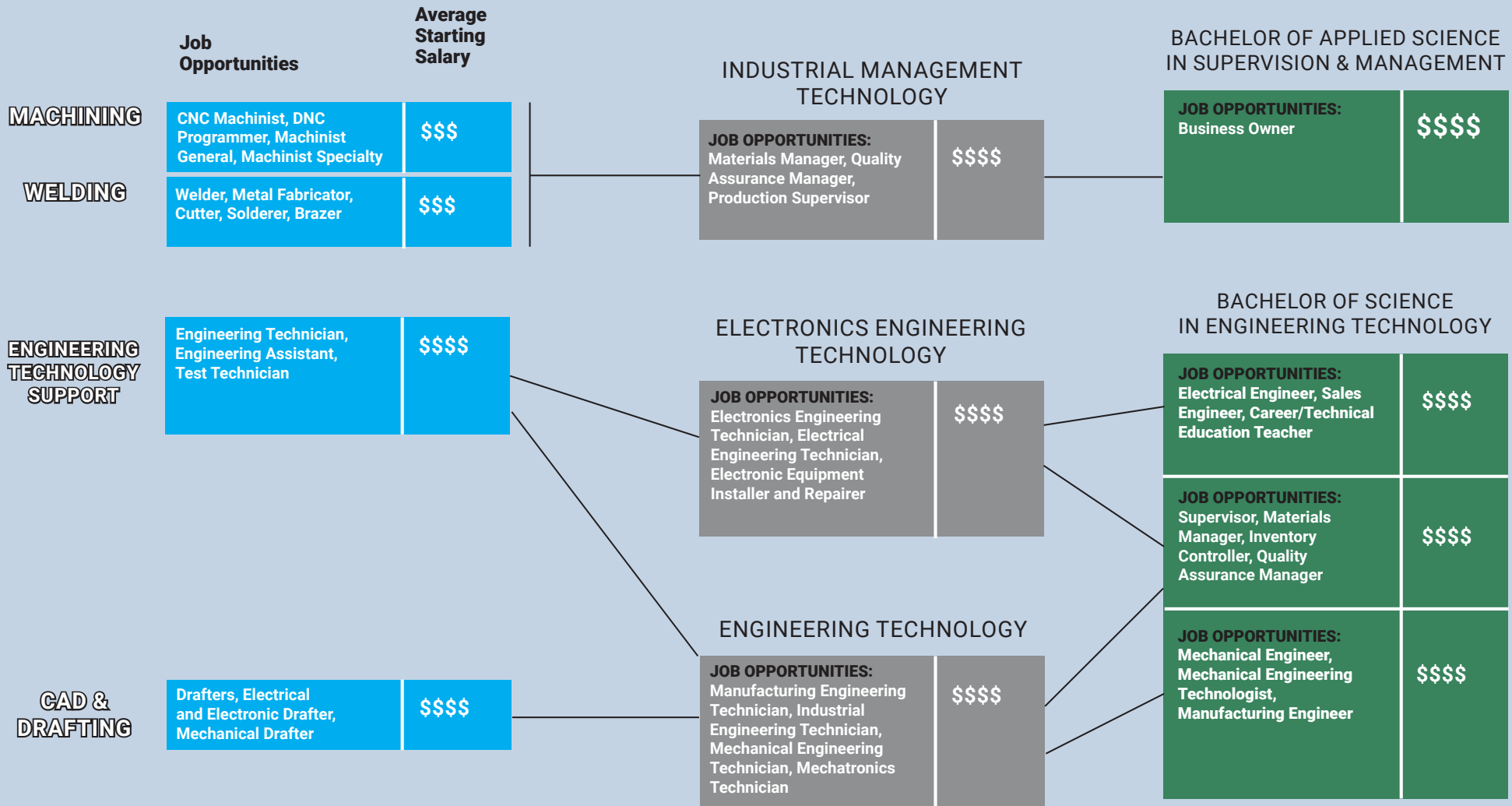
“ I chose Daytona State College to help me obtain a career, and upon completing the program, I had learned the skills required to have a great career in welding. ”

— Chris Reichard,
Advanced Welding Certificate

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE



*Explore the opportunities the FAME AMT program provides on page 31.



auto collision repair

Transportation, Distribution & Logistics

Gain the state-of-the-art training you need in order to work on today's complex vehicles. Accredited by the Automotive Service Excellence (ASE) Education Foundation, Daytona State offers a complete range of training programs in automotive service technology and collision repair and refinishing, which may enable you to obtain ASE industry certifications as well.

The service technology curriculum combines classroom and hands-on training activities that cover heating and air conditioning systems, electrical and electronic systems, engines, steering, and suspension systems. If you're interested in repair and refinishing, you'll be trained in welding, metal straightening, and body filling, as well as final painting processes.



“ My time at Daytona State College helped me not only prepare for the workforce, but to excel in it. ”

— Casey Knecht,
A.A.S. Automotive Service
Management Technology, A.A.

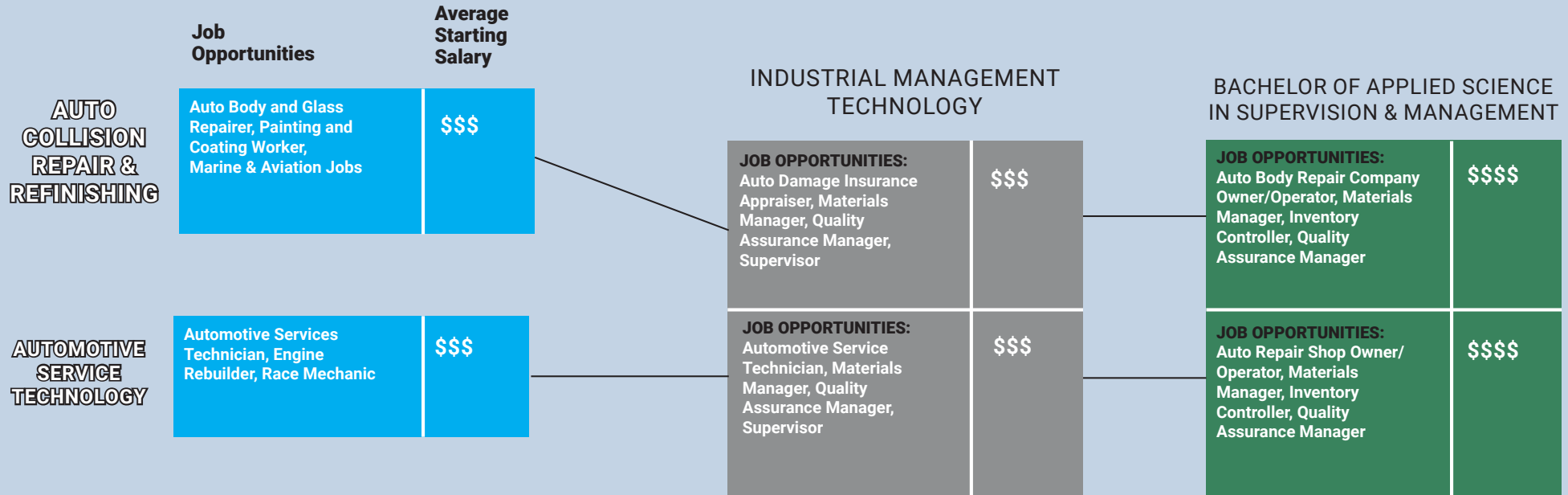
INDUSTRY/ACADEMY CLUSTER: TRANSPORTATION, DISTRIBUTION & LOGISTICS

TRANSPORTATION,
DISTRIBUTION &
LOGISTICS

CERTIFICATE

ASSOCIATE OF SCIENCE DEGREE

BACHELOR'S DEGREE



\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus

Marketing, Sales & Services

Build a solid foundation in business principles and learn how to apply techniques and skills for efficient and effective management of businesses. Students learn marketing, finance, accounting, management, human relations, business law, and entrepreneurial skills. You'll also be taught how to effectively communicate through marketing strategy, plan its components, and develop a business plan.

Graduates will acquire the knowledge necessary to work in a variety of sales positions, manage or create advertising and social media campaigns, or serve as a manager at various company levels. You may even be taking the first steps on the road to starting your own business venture.



“ Daytona State laid the foundation for me to understand how a business truly operates. The degree I earned opened doors to corporate America, taught me how to be successful, and gave me the understanding and confidence I needed to start my own business. ”

— Jamie Thrappas, B.A.S. Degree in Supervision & Management

INDUSTRY/ACADEMY CLUSTER: MARKETING, SALES & SERVICES

MARKETING, SALES AND SERVICES ENTREPRENEURSHIP

CERTIFICATE

JOB OPPORTUNITIES:
Sales Representative,
Advertising Manager,
Social Media Manager,
Small Business Owner

\$\$\$

ASSOCIATE OF SCIENCE DEGREE BUSINESS ADMINISTRATION

JOB OPPORTUNITIES:
Administrator Manager,
Owner/Operator,
Production Manager,
Office Manager, Buyer,
Front-Line Supervisor,
Sales Representative/
Manager

\$\$\$\$

BACHELOR OF APPLIED SCIENCE IN SUPERVISION & MANAGEMENT

JOB OPPORTUNITIES:
Account Manager,
Administrative Services
Manager, Business Analyst,
Budget Manager,
Owner/Operator, Human
Resource Manager,
Production Supervisor,
Training & Development
Manager

\$\$\$\$

\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus

Human Services

If you're a "people person", tap into your creative side through Daytona State's cosmetology and barbering programs. Each program is performance based and will help you develop the general knowledge, problem-solving abilities and skills required for employment in your chosen discipline. Incorporated into the curricula is hands-on lab participation to help you develop subject mastery. Careful instructional design combined with dedication and a teamwork approach allow you to graduate with the skill and confidence needed to succeed in your career.

You'll have the opportunity to learn the latest techniques and skills in cutting, styling, coloring and texture, skin-care treatment and more as you prepare to take the state licensure examination. Progress from supervised labs and classroom activities to applying your newly-developed skills for clients in Daytona State's very own training salon.



“Daytona State College has completely changed my life for the better. I was able to pursue my dream career in the field of Cosmetology, with the absolute best teachers and advisors to guide me and support me through the process. I am forever grateful for the education and knowledge I have gained from being a part of the Cosmetology program.”

— Maggie Krentz, Cosmetology Certificate, A.A.

INDUSTRY/ACADEMY CLUSTER: HUMAN SERVICES

BARBERING

CERTIFICATE

JOB OPPORTUNITIES:
Barber, Platform Artist,
Instructor/Educator

\$\$\$

ASSOCIATE OF SCIENCE DEGREE INDUSTRIAL MANAGEMENT TECHNOLOGY

JOB OPPORTUNITIES:
Barbershop Manager/
Director/Owner/
Operator

\$\$\$\$

BACHELOR OF APPLIED SCIENCE IN SUPERVISION & MANAGEMENT

JOB OPPORTUNITIES:
General Operations
Manager/Owner

\$\$\$\$

COSMETOLOGY

CERTIFICATE

JOB OPPORTUNITIES:
Stylist, Makeup Artist,
Theater, TV Stations,
Platform Artist,
Instructor/Educator

\$\$\$

ASSOCIATE OF SCIENCE DEGREE INDUSTRIAL MANAGEMENT TECHNOLOGY

JOB OPPORTUNITIES:
Salon Director,
Salon Supervisor/
Manager

\$\$\$

BACHELOR OF APPLIED SCIENCE IN SUPERVISION & MANAGEMENT

JOB OPPORTUNITIES:
General Operations
Manager/Owner

\$\$\$\$

\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus

Environmental Science Technology

Environmental science is a unique field that spans across many disciplines of science. Experts in geology, hydrology, chemistry, biology, engineering, and policy often pool their knowledge and resources while working together. As a result, individuals choosing a career in environmental science will take many different science and policy classes to fully understand earth's interconnected natural processes.

Due to the diverse nature of environmental science, students within the A.S. program will choose between two specialties: Water or Wetlands/Bio-ecological. Students electing to pursue a career in water will focus their coursework on the history of water management, its transport, pollution and remediation efforts, the water cycle, and wastewater processes. Students enrolled in the wetlands/bio-ecological specialty would focus their coursework on biological processes, Florida's native plants, understanding our wetland resources and habitat. Courses within each specialty are designed to prepare students for career paths in both a field and laboratory setting.

DSC students who complete program requirements with their A.A. transfer track for marine and environmental sciences are guaranteed admission to the University of Florida's College of Agricultural and Life Sciences.



“ The program is absolutely amazing! Taking courses such as Introduction to Ecology and Native Plants and Species have been my gateway to an unforgettable and very successful internship experience. ”

— Holly-Noel Monroe, Environmental Science Technology, Student

INDUSTRY/ACADEMY CLUSTER:

AGRICULTURE, FOOD & NATURAL RESOURCES

ENVIRONMENTAL SCIENCE TECHNOLOGY

ASSOCIATE OF SCIENCE DEGREE

AREA OF SPECIALIZATION

WATER

JOB OPPORTUNITIES:
 Environmental Technician,
 Environmental Specialist I,
 Water and/or Wastewater
 Operator/Trainee,
 Reclaimed Water
 Technician,
 Stormwater Technician,
 Operations & Maintenance
 Specialist,
 Utility Technician,
 Solid Waste Compliance
 Officer,
 Soil Conservation
 Technician,
 Engineering Technician
 (with survey experience),
 GIS Technician

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AREA OF SPECIALIZATION

WETLANDS/BIO-ECOLOGICAL

JOB OPPORTUNITIES:
 Environmental Technician,
 Environmental Specialist I,
 Land Development Assistant
 I and II,
 Entry Level Scientist,
 Stormwater Technician,
 Environmental Inspector,
 Land Management
 Technician,
 Chemical Spray Technician,
 Entomological Aide,
 Mosquito Control Inspector,
 Permit Technician,
 Soil Conservation
 Technician,
 Engineering Technician
 (with survey experience),
 GIS Technician

\$\$

\$= 17,000-25,000 \$\$= 25,000-35,000 \$\$\$= 35,000-55,000 \$\$\$\$= 55,000 plus

about
FL FAME

The Federation for Advanced Manufacturing Education (FAME) is a nationally recognized program based on Toyota's Advanced Manufacturing Technician (AMT) program. The earn-while-you-learn model provides students the pathway to earn an industry recognized degree while gaining valuable experience at a sponsoring company. In two years, graduates of the program earn an Associate degree, and log approximately 1,800 on-the-job hours at their sponsoring company.

If selected, students participate in the 40-hour per week training program where they attend college two days a week and work three days a week (at least 24 hours) at their sponsoring company.

PROGRAM ELIGIBILITY

Employers will review and select potential students based on the following criteria:

- Be 18 years of age by program start date
- Have a High School Diploma or GED
- Be a U.S. citizen or eligible for work in the U.S.
- Demonstrate academic success as measured through grades and class rank
- Commitment to remaining drug-free

CONTINUED ELIGIBILITY REQUIREMENTS

Minimum of C or better in all courses throughout the program

FOR MORE INFORMATION:

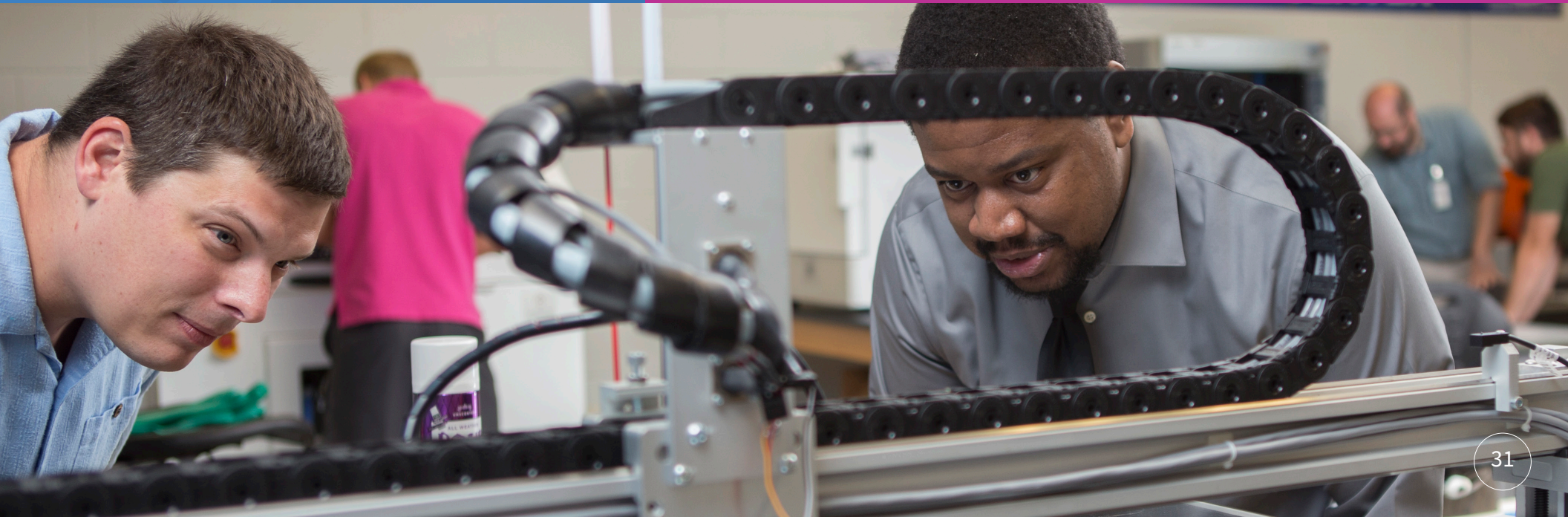
Visit our website:

DaytonaState.edu/FAME

Call (386) 506-4139 or email

FAME@DaytonaState.edu

NEW STUDENTS ARE ACCEPTED EVERY FALL TERM



Upskill Now!

FAST TRACK PATHWAY PROGRAMS/CERTIFICATIONS

Employers, you spoke and we listened! Whether you are looking to upskill your current workforce or need access to trained, entry-level talent, Daytona State College has you covered. We offer targeted training programs to help you reach your goals.

Daytona State College offers programs to help fill your immediate and emerging needs. Some programs can be completed in as little as 18 weeks and include training in technology, healthcare, business and emergency services. We offer low cost training and financial aid for eligible programs and participants.

Program Features:

- Training for in-demand careers, to fill the jobs you need.
- Accelerated learning, to help you reach your goals sooner.
- Low cost and financial aid, means you keep more of your money.
- Pathways to continued learning at DSC, means your employees continue to progress.

**Get started by finding a program
that works for you!**

Florida Job Growth

The Florida Job Growth Grant was created to provide participants with transferable, sustainable workforce skills. Daytona State College was awarded a grant to create programs in direct response to local needs.

● **Mechatronics**

The Engineering Technology Associate of Science degree with a Mechatronics specialization prepares students for employment or provides additional training for persons employed in the highly evolving manufacturing and high technology industries. Students with an Engineering Technology A.S. degree qualify for positions like electronics technician, electronics repair, electronics assembly and testing, CAD designer, CAD drafter, rapid prototyping and designer, mechanical part designer, quality assurance technician, quality control inspector, mechatronics technician, electro-mechanical technician, and industrial maintenance technician.

● **Advanced Welding**

The Vocational Certificate in Advanced Welding is designed to build upon the skills learned in the Welding program. Students will learn intermediate and advanced shielded metal arc welding (SMAW), gas-tungsten arc welding (GTAW) and pipe fitting fabrication techniques on both normal-wall and heavy-wall pipe.

● **Industrial Technology Maintenance**

The Industrial Technology Maintenance program is an advanced offering that provides participants with the opportunity to earn skills in a variety of industrial areas such as electrical, process control, pneumatics, and piping. The program teaches the skills necessary for work in a multitude of industries such as manufacturing plants, distribution warehouses, food and beverage packaging facilities, and pharmaceutical companies.

Rapid Credentialing

The State of Florida approved funding to create short-term, in-demand workforce credentialing and certificate programs. These programs are designed to be completed in as little as 18 weeks in order to connect those unemployed, underemployed, or furloughed with training in an in-demand area.

- **Computer-Aided Design**

This Technical Certificate provides training in computer-aided design (CAD) and solid modeling, rapid prototyping is also utilized throughout the solid modeling courses. This certificate is a part of the Engineering Technology A.S. degree program.

- **Office Support**

This Technical Certificate is the first step toward the A.S. degree in Office Administration. This program teaches high quality entry office skills and in addition to being the first semester of the Office Administration A.S. degree, it is also valuable for persons who have been laid-off or furloughed. Job titles suitable for this program are entry-level support positions such as general office clerk, office assistant, receptionist, office and administrative support worker, and information clerk.

- **CNC Milling**

This course covers the operation and programming of Computer Numerical Control (CNC) Vertical Milling Machines. Linear coordinate systems, and polar coordinate systems are the focus of study. Machine set-up, operation, part programming and toolpaths are covered extensively.

- **Lean Practitioner**

Many organizations employ continuous improvement tools and methodologies, yet do not achieve the expected results. Tools and methods are only part of the effort. Considerable effort must be made in helping employees at all levels understand the thinking behind the tools and methods and in establishing an organization-wide continuous improvement culture. This program covers all aspects of Lean.

- **HVAC Installer**

This training program provides the skills necessary to install Heating/Ventilation/Air Conditioning (HVAC) equipment. Skills covered include: refrigerant recovery, duct fabrication and heat load, low voltage wiring, and brazing and soldering.

- **Certified Production Technician**

The Certified Production Technician program provides hands-on skills training and education in the key areas of modern manufacturing: safety, quality practices and measurement, manufacturing processes and production, and maintenance awareness.

- **Fire Fighter**

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 fire fighter.

- **Correctional Officer**

This program prepares students with the knowledge and skills to perform duties of a correctional officer. Students learn effective communication, professional behaviors, and safe practices within the field of Corrections in the State of Florida.

- **Emergency Medical Technician**

This program provides the skills and techniques of pre-hospital emergency medical care, developing skills in recognizing the symptoms of illnesses and injuries, and the application and proper procedures essential in delivering basic life support. Training includes clinical experience with pre-hospital care agencies and hospital emergency rooms. Graduates are qualified to work as basic care providers in emergency medical systems, hospitals, and industrial medicine.



Advanced Technology College

1770 Technology Blvd.
Daytona Beach, FL 32124
(386) 506-4100

Daytona Beach Campus

1200 W. International Speedway Blvd.
Daytona Beach, FL 32114
(386) 506-3000

DeLand Campus

1155 County Road 4139
DeLand, FL 32724
(386) 785-2000

Deltona Campus

2351 Providence Blvd.
Deltona, FL 32725
(386) 789-7300

Flagler/Palm Coast Campus

3000 Palm Coast Parkway SE
Palm Coast, FL 32137
(386) 246-4800

New Smyrna Beach/Edgewater Campus

940 Tenth St.
New Smyrna Beach, FL 32168
(386) 423-6300

News-Journal Center at Daytona State College

221 N. Beach St.
Daytona Beach, FL 32120
(386) 226-1927