

Welcome to the Radiography Program

Dear Applicant:

Thank you for your inquiry concerning the Radiography Program affiliated with Daytona State Collage. The program is sponsored by Halifax Health Medical Center and you must contact the Program office at (386) 254-4075 option 2 to receive an application packet. All information is online at:

<https://www.halifaxhealth.org/medical-professionals/radiography-program>

The deadline to apply is August 1 of each year. Applications may be requested any time during the year.

Sincerely,

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Frequently Asked Questions About
The Radiography Program
In affiliation with Halifax Health Medical Center

1. Is enrollment limited? The Radiography Program is sponsored by Halifax Health Medical Center and is accredited as a hospital-based program by the Joint Review Committee on Education in Radiologic Technology (www.jrcert.org or mail@jrcert.org). Other contact information for JRCERT Phone 312-704-5300 or Fax 312-712-5304 **The maximum number of students that can be accepted into the Program at one time is 10.** The Program accepts students one time per year for the Spring semester.

2. Is the Program accredited? The JRCERT accredits the Halifax Health Medical Center Radiography Program in affiliation with DAYTONA STATE. The JRCERT is the national programmatic accreditation agency for the Radiologic Sciences. Accreditation allows graduates to be eligible for the national certification exam and applicable state licensure.

3. What is the employment outlook? Job availability and career advancement in Volusia/Flagler counties is very good. Positions include full-time, part-time, casual pool and traveling radiographer.

4. What salary can I expect to earn? Please refer to www.asrt.org for the latest salary survey information. In Volusia/Flagler counties base hourly rate in this area is \$22.00 per hour. Off-hour shifts pay a shift differential (depends upon facility). Many institutions also offer incentive pay for weekend or off-hour shifts and on-call pay. Benefits packets and shift differentials are specific to facility. Many facilities also offer sign-on bonuses. Pay range increases with experience.

5. What are my career advancement opportunities? Specialized areas that allow for on the job training of registered technologists include Mammography, CT, Magnetic Resonance, Bone Densitometry, Quality Management, Interventional/Cardiac Procedures, Surgery/Portables and Trauma. Radiation Therapy, Ultrasound and Nuclear Medicine, Registered Radiologist Assistant are also advancement opportunities and required from 1-2 years additional formalized education. Careers in Registered Radiologist Assistant, education and management normally require a Bachelor or Masters Degree.

6. What are the typical work hours in this profession? The hours vary and are very flexible. Full-time status is 32-40 hours. Shifts include 8, 10, 12 or 16 hours depending on facility. Weekend and evening/night shifts are also available. Off hour shifts normally offer a shift differential as an incentive.

7. What are the program hours?

The schedules change each semester and you are provided a schedule of the whole semester in advance of the change.

Year/Semester	Clinical Schedule	Class Schedule
First		
Spring	9a-1p *	1:30p-2:30p
Summer	9a-1p	1:30p-2:30p
Fall	Class is divided and scheduled for 3 clinical days per week. One half of the class will be scheduled for day clinical and the other half for evening rotation Day schedule is 8a-4p Evening schedule is 2p-10p	8a-12p Tuesdays
Second		
Spring	Class is divided and scheduled for 3 clinical days per week. The day and evening scheduled students will switch schedule. One half of the class will be	8a-12p Tuesdays

	scheduled for day clinical and the other half for evening rotation Day schedule is 8a-4p Evening schedule is 2p-10p	
Summer	8a-4p (3 weekdays/week)	8a-1p Tuesdays
Fall	8a-4p (3 weekdays/week)	8a-1p Thursdays

*During January of 1st semester, orientation courses vary. Will be required to attend Halifax Health General Orientation normally scheduled on Monday 8am-5pm.

Recognized Holidays:
 Martin Luther King Day
 Presidents Day
 Good Friday
 Easter Sunday
 Memorial Day
 Independence Day
 Labor Day
 Thanksgiving Day
 Christmas Day

Vacations:
 Summer Break 1 week in August
 2 weeks Holiday in December
 *actual dates are announced in advance

8. What credentials/licenses do I receive upon completion of the Program? Graduates are eligible for national certification by the American Registry of Radiologic Technologists (ARRT). The individuals are credentialed as RT(R) which stands for Registered Technologist in Radiography. In Florida, the Medical Quality Services Division of the Department of Health licenses individuals who have passed the ARRT exam as General Radiographers. This is an unlimited license and is issued upon passing the ARRT exam. Other state licensure requirements are listed on www.asrt.org website. Continuing education is required each biennium to renewal national certification and state licensure.

9. What courses may I take before acceptance into the Program?

- ENC 1101 – pre-req
- MAC 1105 – pre-req
- BSC 1085/BSC1085L- pre-req

*Must be completed by the end of the Summer semester prior to the year you are applying for entry. Example: If you are applying for January 2016, you must complete by the end of the Summer 2015 semester.

- CGS 2100
- PSY 1012
- Cultural & Aesthetic General Education Core (see chart below)

**Those with (*) require ENC1101 as a pre-requisite. All others require ENC1101 as a co-or pre-requisite.*

AML2023 Contemporary American Literature*	LIT2040 Dramatic Literature*	HUM2230 Humanities II
AML2052 Modern American Literature*	LIT2120 Masterpieces of World Literature II*	MUH2051 Intro. to the Music of World Peoples
AML2600 Intro to African American Literature*	LIT2380 Literature by Women*	MUL1010 Music Appreciation
ENL2931 Selected Topics in Shakespeare*	LIT2602 Literature of the Sea*	MUL2380 Popular Music in America
LIT2110 Masterpieces of World Literature* I	ARH1000 Art Appreciation	THE1000 Dramatic Appreciation
LIT2030 Understanding Poetry*	HUM2210 Humanities I	

RTE courses can only be taken once accepted into the program.

10. I have previous college course. Will they transfer to the Program?

Please contact DAYTONA STATE Admissions/Records for transferring course taken at other institutions. We will accept only non-RTE courses transferred to DAYTONA STATE.

11. What are the costs associated with my education?

Halifax Health Medical Center Radiography Program Fee Structure:

Application Fee \$25.00 accompanies completed application

Teas Test \$70.00

Tuition per credit hour with associated Halifax Health fees for each course

Books approximately \$500.00 for entire program

Halifax Health Radiography Students are responsible for paying Daytona State College tuition for all RTE and non-RTE courses enrolled in plus the additional Halifax Health fee for each course as listed below. When the student registers for a class, the tuition and Halifax Health lab fee will be combined into the one amount paid for the course. Students provide their own living quarters, scrubs, health insurance and meals.

Course Descriptions and Halifax Health Fees

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

HHMC Fee: 283.00

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

HHMC Fee: 189.00

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

HHMC Fee: 189.00

RTE1457 Radiographic Exposures II, 2.0 sem hrs

A continuation of Radiographic Exposures and Processing, with emphasis image quality and technical factor selection. SU

HHMC Fee: 20.00

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

HHMC Fee: 20.00

[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

HHMC Fee: 60.00

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

HHMC Fee: 189.00

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

HHMC Fee: 229.00

Co-Reqs: RTE1513

[RTE1523 Radiographic Procedures III, 4.0 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

HHMC Fee: 189.00

Pre-Reqs: RTE1513 AND RTE1513L

[RTE1804 Radiographic Clinical Education I, 4.0 SEM hrs](#)

Supervised clinical education in performing radiographic procedures with emphasis on competency evaluation in the respiratory, appendicular and abdominal anatomy. SP

HHMC Fee: 185.00

[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

HHMC Fee: 188.00

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

HHMC Fee: 128.00

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

HHMC Fee: 189.00

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

HHMC Fee: 170.00

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

HHMC Fee: 194.00

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

HHMC Fee: 189.00

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

HHMC Fee: 20.00

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

HHMC Fee: 189.00

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

HHMC Fee: 279.00

Pre-Reqs: RTE1824

RTE2844 Radiographic Clinical Education V, 4.0 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
HHMC Fee: 199.00

Pre-Reqs: RTE2834

RTE2854 Radiographic Clinical Education VI, 6.0 SEM hrs

Supervised clinical education in performance of radiographic procedures with emphasis on Final Competency Evaluation.) SP, SU
HHMC Fee: 60.00

Pre-Reqs: RTE2844

12. How do I apply to the Radiography Program?

Interested individuals can receive an application packet by calling 386-254-4075 and selecting option 2 or all program information including a printable application are available on <https://www.halifaxhealth.org/medical-professionals/radiography-program>