

Tuition and Fees

Radiography Students are responsible for paying Daytona State College tuition for all RTE and non-RTE courses enrolled in plus the additional lab fees for each course as listed below. When the student registers for a class, the tuition and lab fee will be combined into the one amount paid for the course. Students provide their own living quarters, scrubs, health insurance and meals. Total cost for 24 month program is approximately \$10,200.00 (This does not include non RTE pre-requisite/ co-requisite courses or required text books). There are a total of 58 RTE credit hours that are taught within the 24 month program. There is a total of 77 credit hours required for program completion (19 credit hours are non RTE pre-requisite and co-requisite courses).

Example of course cost breakdown for RTE 1111L:

Course	Title	SEM HRS	Tuition	Access Fee	TUITION TOTAL	Lab Fee Total	Grand Total
RTE 1111L	Patient Care in Radiography Lab	1.00	\$102.38	\$4.93	\$107.31	\$189.00	\$296.31

Course Descriptions and Lab Fees

RTE - Radiography

[RTE1000 Fundamentals of Radiologic Technology, 1.0 sem hrs](#)

This course is designed to provide an introduction to the program, profession, didactic and clinical environments. Content includes an overview of the fundamentals of radiographic positioning, radiographic equipment, creation of the radiographic image, imaging science professions, radiation protection and the history and role of the radiographer.

SU

[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. SU

[RTE1111 Patient Care in Radiography, 2.0 SEM hrs](#)

Provides extensive understanding of patient care and assessment, ethics, human diversity, body mechanics, medical-legal aspects, radiation protection and history and role of the radiographer. Content is designed to provide concepts of routine, emergency, and infection control procedures using standard precautions. Basic concepts of pharmacology/drug administration and venipuncture are presented. SU (Corequisite: RTE 1111L.)

[RTE1111L Patient Care in Radiography Lab, 1.0 SEM hrs](#)

Provides extensive understanding of patient care and assessment, ethics, human diversity, body mechanics, medical-legal aspects, radiation protection and history and role of the radiographer. Content is designed to provide concepts of routine, emergency, and infection control procedures using standard precautions. Basic concepts of pharmacology/drug administration and

venipuncture are presented. SU A (Corequisite: RTE 1111.)
Lab 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 discussed. FA

RTE1457C Radiographic Exposures II, 2.0 sem hrs

A continuation of Radiographic Exposures and Processing, with emphasis on grids, image quality and technical factor selection. (Prerequisite: RTE 1418.) SP
Pre-Reqs: RTE1418

RTE1503C Radiographic Procedures I, 5.0 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. SU

RTE1513C Radiographic Procedures II, 5.0 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. (Prerequisite: RTE 1503C.) FA

RTE1523C Radiographic Procedures III, 5.0 sem hrs

A continuation of Radiographic Procedures II, with emphasis on the vertebral column, cranium and special projections for each system. Study of fluoroscopic and tomographic equipment. 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. (Prerequisites: RTE 1513C.) SP

RTE1804L Radiographic Clinical Education I, 1.0 SEM hrs

Supervised clinical education in performing radiographic procedures with emphasis on competency evaluation in the respiratory, appendicular and abdominal anatomy. SU B
Lab Fee: 185.00

RTE1814 Radiographic Clinical Education II, 2.0 sem hrs

Supervised clinical education in performing radiographic procedures with emphasis on competency evaluation in the appendicular and contrast studies. (Prerequisite: RTE 1804L.) FA
Lab Fee: 238.00

RTE1824L Radiographic Clinical Education III, 3.0 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. (Prerequisite: RTE 1814L.) SP
Lab Fee: 128.00

RTE 2061 Radiography Seminar, 2.0 sem hrs

This course is designed review information in preparation for the student to take the American Registry of Radiologic Technologist (ARRT) registry examination. The course will cover Patient Interactions and Management, Radiation Physics and Radiobiology, Radiation Protection, Image Acquisition and Technical Evaluation, Equipment Operation and Quality Assurance, Head, Spine and Pelvis Procedures, Thorax and Abdomen Procedures, and Extremity Procedures. The student will also be given simulated registry examinations for practice and assessment purposes. SP

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

RTE2563C Selected Radiographic Special Procedures I, 5.0 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. SU

RTE2573 Selected Radiographic Special Procedures II, 4.0 sem hrs

A continuation of RTE 2563C with emphasis on surgical imaging, computed tomography, magnetic resonance image, sonography, radiation therapy, nuclear medicine and interventional/catheterization procedures. (Prerequisite: RTE 2563C.) FA

RTE2613 Radiation Physics I, 2.0 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 of x radiation. 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. SU

RTE2623 Radiation Physics II, 2.0 sem hrs

A continuation of Radiation Physics with emphasis on the x-ray tube, equipment, x-ray production and interactions with matter. (Prerequisite: RTE 2613.) FA

RTE2782 Radiographic Pathology, 2.0 SEM hrs

This course provides knowledge of pathologic conditions seen radiographically and their effects on technique and positioning.SP

RTE2834L Radiographic Clinical Education IV, 3.0 sem hrs

Supervised clinical education in performing radiographic procedures with emphasis on competency evaluation on trauma examinations and procedures outside the department (portables and surgery). (Prerequisite: RTE 1824L.) SU

Lab Fee: 279.00

RTE2844L Radiographic Clinical Education V, 3.0 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 (optional), Mammography (optional), Cardiac Interventional Procedures and in-service on osteoporosis exams. (Prerequisite: RTE 2834L.) FA

Lab Fee: 199.00

RTE2854L Radiographic Clinical Education VI, 3.0 SEM hrs

Supervised clinical education in performance of radiographic procedures with emphasis on Final Competency Exams. 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 (optional), Mammography (optional), Cardiac Interventional Procedures and in-service on osteoporosis exams. (Prerequisite: RTE 2844L) SP

Lab Fee: 220.00

Daytona State College Refund Policy:

<https://www.daytonastate.edu/payments/disbursements-refunds.html>