

Mammography

Certificate in Applied Science

Mission Statement:

The mission of the Mammography program is to meet the needs of the mammography profession by providing radiographers with the content knowledge and cognitive skills to intelligently perform the tasks typically required of technologists employed in the specialized area of mammography.

Entrance Requirements:

Registered Technologist in Radiography (American Registry of Radiologic Technologists)

Type of Program:

Online; weekday clinical hours required

Type of Degree:

Certificate

Professional Credentials:

Registered Mammographer (subject to passing national certification exam)

Employment Opportunities:

Hospitals, clinics, private offices

- Mammography is an advanced-level specialty imaging procedure that uses dedicated mammography equipment to produce low dose, high contrast, and high-resolution images. Mammography is the primary means of early detection of breast cancer.
- This flexible program prepares students to use x-rays to produce mammograms used for diagnostic and screening purposes.
- Registered radiographers take the entire eight-credit hour certificate program, a sequence of courses that takes the student from the basics of mammography through clinical applications.
- Didactic courses are taught online. Whenever possible, a clinical site near the student's home will be used for the competency-based clinical applications course.
- As a student in mammography, the registered radiographer learns to operate dedicated mammographic units and accessory equipment under the direction of a registered mammographer. In addition to the technical skills of mammography, the student learns the special patient education and communications skills that the mammographer uses to provide quality customer service. The graduate should have all the necessary skills and knowledge to perform mammography with minimal orientation to a mammography facility.
- Graduates are eligible to apply to the American Registry of Radiologic Technologist (ARRT) to take the advance level certification exam.
- **General admission requirements:**
 - Submit a Greenville Technical College application for admission along with the application fee.
 - Mark application major as Mammography.
 - Send official college transcripts.
 - Send proof of high school graduation if the applicant completed a hospital-based radiography program rather than a college program.
 - Complete the online Career Talk for Mammography.
 - Be a graduate of an accredited radiography program.
 - Must be certified in radiography through the ARRT and the state in which clinical experience will be completed (if applicable).
 - Provide proof of active employment in radiography if required radiography course work was completed more than five years ago.
 - Physical by a licensed practicing physician or a certified nurse practitioner and documentation of required immunizations using the Greenville Tech physical form.
 - Complete online pre-clinical orientation for mammography (HealthStream) prior to the beginning of classes.
 - Submit current American Heart Association-Healthcare Provider CPR certification.
 - Submit ARRT certification and state certification (if applicable).
 - Students who enroll in RAD 125 are required to have a crime-free criminal background check and a negative 10-panel drug screen.

- Students must be able to attend all clinical experiences.
- The Mammography program is a part-time, one-semester program designed to meet the requirements of the Mammography Standards Act (MQSA) as detailed on the Federal Drug Administration website and the competency requirements of the ARRT to take the Mammography Registry Exam.
- Courses may be taken by registered radiographers for continuing education.

Recommended Program Schedule

First Semester - Fall or Spring

RAD 118 Seminars in Mammography	1.0
RAD 122 Breast Anatomy, Physiology and Pathology	1.0
RAD 123 Mammography Positioning	1.0
RAD 125 Clinical Applications in Mammography	4.0
RAD 126 Instrumentation & Quality Control for Mammography	1.0

Total credit hours **8.0**

Note: Please contact the Mammography program coordinator by calling the Medical Imaging Department at (864) 250-8290 for other program options.