

# Mammography

## Certificate in Health Sciences

### **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. It deals with the use of x-rays for diagnostic and screening purposes for the detection of breast cancer. Originally developed to confirm palpable breast masses, its growth over the last decade can be attributed to the ability to detect the unsuspected breast mass with quality screening mammograms.
- 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 courses. 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 advanced-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.
- Attend a Career Talk for Mammography.
- Be a graduate of an accredited radiography program.
- Must be ARRT certified in radiography.
- Provide proof of active employment in radiography if required radiography course work was not taken within the last five years (employer's verification of a minimum of 20 hours per week for the last two years).
- Physical by a licensed practicing physician and documentation of required immunizations using the Greenville Tech physical form.
- Complete pre-clinical orientation prior to 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 Federal Drug Administration (MQSA) 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 124	Equipment and Quality Control, - Film/Screen Techniques	1.0
RAD 125	Clinical Applications in Mammography	4.0
RAD 126	Instrumentation & Quality Control for Mammography	1.0

**Total credit hours** **9.0**

Note: Please contact the Mammography program coordinator for other program options.