

# Radiologic Technology

---

## Radiologic Technology Associate in Applied Science

### **Mission Statement:**

The mission of the Greenville Technical College Radiologic Technical Program is to graduate well trained, entry-level Radiologic Technologists who are prepared to successfully demonstrate professional behavior, patient centered care, clinical competence, effective communication and critical thinking skills to function as a member of the health care team.

### **Type of Program:**

**Phase I:** Day, evening or weekend; **Phase II:** Day (some evening and weekend clinicals required)

### **Professional Credentials:**

Registered Radiologic Technologist (subject to passing national certification exam)

### **Program Accreditation:**

Joint Review Committee on Education in Radiologic Technology,  
20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182,  
Phone: (312) 704-5300; Fax: (312) 704-5304, E-mail: [mail@jrcert.org](mailto:mail@jrcert.org)

### **Employment Opportunities:**

Hospitals, clinics, health departments, doctor's offices, outpatient imaging centers

- This program instructs students in the production of diagnostic images, patient care and management, and as a technical assistant to radiologists.
- The Student Learning Outcomes and Program Goals of the Radiologic Technology program are
  - The student will graduate with the necessary skills to function effectively as an entry-level radiographer.
  - The student will provide quality patient care.
  - The student will effectively communicate in a professional manner.
  - The student will demonstrate critical thinking and problem solving skills.
  - The student will be able to model professional behaviors that are appropriate for the academic and healthcare environment.
- This program is designed as a One-Plus-One program. Phase I includes all of the general education and related course work. Upon successful completion of all Phase I courses, qualified students apply to Phase II, which includes all of the Radiologic Technology course work.
- Clinical assignments are required in Phase II and may require evening or weekend time periods. Transportation is the responsibility of the student.
- Graduates are eligible to sit for the national certification examination administered by the American Registry of Radiologic Technologists.
- Phase I admission requirements:
  - Meet the specific program requirements outlined in the School of Health Sciences admissions requirements, excluding the physical exam.
  - High school level biology, physics, and chemistry are strongly encouraged.
  - Attend a Career Talk session for the major within two years prior to consideration for acceptance into Phase II.
  - Take the TEAS entrance exam at Placement Testing Center in Admissions and Registration Center.
  - Acceptable placement test score(s). Test scores must meet the criteria to be placed into ENG 101 and MAT 109/110.

- Phase II admission requirements:
  - Meet all of the requirements of Phase I.
  - Complete and submit the Weighted Admission Form with supporting documentation for Phase II prior to May
  - Attain a minimum technical GPA of 2.50 for all Phase I courses and have passed all Phase I courses with a minimum grade of "C" on the first or second attempt.
  - Complete all Phase I courses by the end of spring semester prior to fall start of Phase II. BIO 210 and BIO 211 must be completed within five (5) years of applying for Phase II.
  - If accepted to Phase II, submit Intent Form along with \$100 non-refundable deposit to secure seat in program.
  - Submit a physical exam form completed by licensed practicing physician or certified nurse practitioner indicating good physical and mental health with current immunizations once admitted into Phase II.
  - Have a crime-free background for seven years prior to entering Phase II. Students may be subject to more than one background check during the program based on affiliate requirements. Some convictions greater than seven years old may prevent progression through the program.
  - Students must be able to participate in all clinical experiences within the Greenville Hospital System in order to complete clinical competency.
  - A negative 10-panel drug screen will be required.
  - Students are selected based upon weighted admissions criteria.
  - Submit documentation of current CPR certification for the Health Care Provider through the American Heart Association or Professional Rescuer through the American Red Cross (must be maintained throughout Phase II) once admitted into this program.
  - Complete assigned pre-clinical education training requirements prior to the start of clinical experiences and annually thereafter.

## Recommended Program Schedule

### PHASE I

#### ***First Semester - Fall***

AHS	102	Medical Terminology	3.0
BIO	210	Anatomy & Physiology I*	4.0
ENG	101	English Composition I*	3.0
MAT	109	College Algebra with Modeling*	3.0
		or	
MAT	110	College Algebra* (or higher college transferrable algebra)	

#### ***Second Semester - Spring***

BIO	211	Anatomy & Physiology II*	4.0
SOC	101	Introduction to Sociology*	3.0
SPC	205	Public Speaking*	3.0
		College Transferable Humanities Elective*	3.0

### PHASE II (begins each Fall Semester)

#### ***Block I - Fall***

RAD	101	Introduction to Radiography	2.0
RAD	102	Radiology Patient Care Procedures	2.0
RAD	111	Introduction to Radiographic Physics	2.0
RAD	112	Radiographic Imaging Fundamentals	2.0
RAD	130	Radiographic Procedures I	3.0
RAD	152	Applied Radiography I	2.0

**Block II - Spring**

RAD	114	Radiographic Imaging Fundamentals II	2.0
RAD	136	Radiographic Procedures II	3.0
RAD	160	Clinical Applications II	6.0
RAD	236	Radiography Seminar II	2.0

**Block III - Summer**

RAD	201	Radiation Biology	2.0
RAD	175	Applied Radiography III	5.0
RAD	230	Radiographic Procedures III	3.0

**Block IV - Fall**

RAD	103	Introduction to Computed Tomography	2.0
RAD	205	Radiographic Pathology	2.0
RAD	268	Advanced Radiography II	8.0

**Block V - Spring**

RAD	225	Selected Radiographic Topics	2.0
RAD	278	Advanced Radiography III	8.0
RAD	283	Imaging Practicum**	3.0

**Total Required Credit Hours:****84.0**

\* General education course

\*\*Optional course for students seeking an opportunity for exploration of career opportunities in radiology and advanced imaging modalities.

**Note:** Please contact your advisor for other program options.Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs.