

# RADIOLOGIC TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE

## Program Description

This program instructs students in the production of diagnostic images, patient care and management, and as a technical assistant to radiologists.

## 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.

Visit <https://www.gvltec.edu/radtech/> for published annual program goals and outcomes.

## Entrance Requirements

High school diploma or GED.

See "Program Requirements" Section for additional requirements.

## Type of Program

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.

**Phase I:** Day, evening or weekend

**Phase II:** Day (some evening and weekend clinicals required)

## Employment Opportunities

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

## Professional Credentials

Registered Radiologic Technologist (subject to passing national certification exam)

- Graduates are eligible to sit for the national certification examination administered by the American Registry of Radiologic Technologists.

## Program Accreditation

Joint Review Committee on Education in Radiologic Technology

20 North 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)

Visit our web page at <https://www.gvltec.edu/radtech/>.

Visit [https://www.gvltec.edu/academics\\_learning/licensure-disclosures/index.html](https://www.gvltec.edu/academics_learning/licensure-disclosures/index.html) ([https://www.gvltec.edu/academics\\_learning/licensure-disclosures-](https://www.gvltec.edu/academics_learning/licensure-disclosures/index.html)

disclosures/) for important information concerning educational requirements for professional licensure in a specific state or territory.

## Program Requirements

### 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.
- Complete a Career Talk session for the major within one year prior to consideration for acceptance into Phase II.

### 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 Anatomy & Physiology I\* and BIO 211 Anatomy & Physiology II\* must be completed within five (5) years of applying for Phase II.
- Students are selected based upon weighted admissions criteria.

### Upon acceptance to Phase II

- Submit Intent Form along with a \$100 non-refundable deposit to secure a seat in the program.
- Submit a physical exam form completed by a licensed practicing physician or certified nurse practitioner indicating good physical and mental health with current immunizations.
- Have an acceptable 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.
- A negative 10-panel drug screen will be required.
- Submit documentation of current CPR certification for the Health Care Provider through the American Heart Association (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.
- Students must be able to participate in all clinical experiences in order to complete clinical competency.

### Requirements for Completion

Clinical assignments are required in Phase II and may require evening or weekend time periods. Transportation is the responsibility of the student.

### Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

**Note:** Please contact your advisor for other program options.

Course	Title	Hours
<b>Phase I</b>		
<i>First Semester</i>		
AHS 102	Medical Terminology	3
BIO 210	Anatomy & Physiology I <sup>1</sup>	4
or BIO 215	Anatomy	
ENG 101	English Composition I <sup>1</sup>	3
Select one of the following:		3
MAT 109	College Algebra With Modeling <sup>1</sup>	
MAT 110	College Algebra <sup>1</sup>	
Higher college transferrable algebra		
<i>Second Semester</i>		
BIO 211	Anatomy & Physiology II <sup>1</sup>	4
or BIO 216	Physiology	
SOC 101	Introduction to Sociology <sup>1</sup>	3
or PSY 201	General Psychology	
Select one of the following: SPC 205 preferred		3
SPC 205	Public Speaking	
SPC 208	Intercultural Communication	
SPC 209	Interpersonal Communication	
College Transferable Humanities Elective <sup>1</sup>		3
<b>Phase II</b>		
(begins each Fall Semester)		
<i>Block I</i>		
RAD 101	Introduction to Radiography	2
RAD 102	Radiology Patient Care Procedures	2
RAD 112	Radiographic Imaging Fundamentals	2
RAD 130	Radiographic Procedures I	3
RAD 152	Applied Radiography I	2
<i>Block II</i>		
RAD 201	Radiation Biology	2
RAD 114	Radiographic Imaging Fundamentals II	2
RAD 136	Radiographic Procedures II	3
RAD 160	Clinical Applications II	6
<i>Block III</i>		
RAD 175	Applied Radiography III	5
RAD 205	Radiographic Pathology	2
RAD 230	Radiographic Procedures III	3
<i>Block IV</i>		
RAD 268	Advanced Radiography II	8
RAD 225	Selected Radiographic Topics	2
RAD 111	Introduction to Radiographic Physics	2
<i>Block V</i>		
RAD 236	Radiography Seminar II	2
RAD 278	Advanced Radiography III	8
<b>Total Required Credit Hours</b>		<b>82</b>