

# Magnetic Resonance Imaging

---

## Magnetic Resonance Imaging Certificate in Applied Science

### **Mission Statement:**

To provide well trained and knowledgeable, entry-level MRI technologists to meet the needs of the medical community.

### **Entrance Requirements:**

Registered Technologist (American Registry of Radiologic Technologists)

### **Type of Program:**

Weekday/Online (weekday clinical component)

### **Professional Credentials:**

Registered Magnetic Resonance Technologist (subject to passing national certification exam)

### **Employment Opportunities:**

Hospitals, private diagnostic offices, mobile imaging companies, sales, applications

- This program prepares students to use high-field magnet and radio-frequency waves to obtain cross-sectional anatomical images of the human body.
- Greenville Tech offers a two-semester (nine-month) certificate program. This is a post-graduate program for the two year credentialed radiographer.
- Upon completion of the program, an individual will be prepared to challenge the ARRT Advanced Registry in Magnetic Resonance Imaging.
- Didactic courses will be taught online with various clinical sites being utilized.
- Prior to acceptance students must
  - Meet the specific program requirements outlined in the School of Health Sciences admissions requirements.
  - Hold credentials with the American Registry of Radiologic Technologists (ARRT) in either radiography, nuclear medicine, or radiation therapy, and submit a photocopy.
  - New graduates are eligible for application, but are required to pass the ARRT Radiography exam within four weeks of the start of the program.
  - Have earned at least a grade of "C" in Anatomy and Physiology.
  - Forward an official copy of college transcript and proof of high school graduation.
  - Have a physical examination by a licensed, practicing physician indicating good physical and mental health and current immunization history (form available from advisor).
  - View an online Career Talk Session for the major.
  - Submit a CPR card from the American Heart Association Healthcare Provider or the American Red Cross Professional Rescuer course. CPR must remain current throughout the program.
  - Submit an acceptable criminal background check.
  - Submit a negative 10-panel drug screen. Students may be subject to more than one background check during the program based on affiliate requirements.
  - Complete Program Orientation (scheduled for accepted students every August)
  - Complete Pre-Clinical Orientation
- Students must obtain grade of "C" or higher in all program courses to continue in the program.
- Students are required to attend a three-hour online class one day/week and an average of 18 hours of clinical experience weekly.
- Students must complete a total of 495 hours of clinical experience for the MRI program.

## Recommended Program Schedule

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

AHS	206	Cross-Sectional Anatomy for Medical Imaging	2.0
MRI	101	Introduction to MRI	1.0
MRI	102	MRI Patient Care	1.0
MRI	111	MRI Physics	5.0
MRI	140	MR Imaging of the Head & Neck	2.0
MRI	152	MRI Clinical Practicum I	6.0

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

MRI	121	Advanced MR Imaging Techniques	5.0
MRI	141	MR Imaging of the Spine & Musculoskeletal System	2.0
MRI	142	MR Imaging of the Thorax	2.0
MRI	143	MR Imaging of the Abdomen and Pelvis	2.0
MRI	162	MRI Clinical Practicum II	5.0

**Total Required Credit Hours: 33.0**

Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs.