

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)

Type of Degree:

Certificate

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 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 current CPR card.
 - Submit an acceptable criminal background check.
 - Submit a negative 10-panel drug screen.
 - 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 two-hour online class two days/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

MRI 101	Introduction to MRI	1.0
MRI 102	MRI Patient Care	1.0
MRI 111	MRI Physics	5.0
MRI 130	Head & Neck Case Studies	1.0
AHS 206	Cross Sectional Anatomy for Imaging Professionals	2.0

MRI 152 MRI Clinical Practicum I 6.0

Second Semester - Spring

MRI 120 Advanced MR Imaging 2.0

MRI 131 Musculoskeletal Case Study 1.0

MRI 132 Cardiac and Vascular Case Studies 1.0

MRI 133 Abdomen and Pelvis Case Studies 1.0

MRI 162 MRI Clinical Practicum II 5.0

Total credit hours 26.0