MAGNETIC RESONANCE IMAGING TECHNOLOGY

The Magnetic Resonance Imaging (MRI) curriculum prepares students to become MRI technologists and skilled health care professionals who are educated to use magnetic energy fields to produce images of the human body. Individuals entering this program must be registered or registry-eligible radiologic technologists, nuclear medicine technologists, sonographers, or radiation therapists by the American Registry of Radiologic Technologists. Supporting discipline of Nuclear Medicine Technology may be through ARRT or NMTCB. Supporting discipline of Sonography may be through ARRT or ARDMS.

Course work includes imaging fundamentals, MRI physics, procedures, anatomy, pathology, patient care, imaging ethics and law, in a medical environment. Students should be able to demonstrate all functional areas related to the magnetic resonance imaging fields.

Graduates may be eligible to take the American Registry of Radiologic Technologists (ARRT) national examination for certification as MRI technologists.

Graduates may be employed in hospitals, outpatient clinics, physicians' offices, government agencies, and research. It is essential that the MRI technologist understands ethical standards and the legal framework for MRI. In addition, the MRI technologist must be committed to professional development and the care of others.

Magnetic Resonance Imaging Technology
Diploma - D45800

Summer Term
MRI 213  MR Patient Care and Safety ........................................ 2
MRI 216  MRI Instrumentation .................................................... 2
MRI 250  MRI Clinical Ed I ......................................................... 4
ENG 111  Writing and Inquiry .................................................... 3
Humanities/Fine Arts Elective .................................................... 3

Fall Semester
MRI 214  MRI Procedures I ......................................................... 2
MRI 217  MRI Physics I ............................................................... 2
MRI 241  MRI Anatomy and Path I .............................................. 2
MRI 260  MRI Clinical Ed II .......................................................... 7
IMG 130  Imaging Ethics and Law ................................................. 3

Spring Semester
MRI 215  MRI Procedures II ......................................................... 2
MRI 218  MRI Physics II ............................................................... 2
MRI 242  MRI Anatomy and Path II .............................................. 2
MRI 270  MRI Clinical Ed III ......................................................... 8
MRI 271  MRI Capstone ............................................................... 1

Graduation Requirements ..................................................... 45 Credit Hours