

# HEALTH SCIENCES

## 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

-Day

#### 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**