



MIDWESTERN CAREER COLLEGE



MAGNETIC RESONANCE IMAGING TECHNOLOGY

Midwestern Career College's **Magnetic Resonance Imaging (MRI) Technology Diploma and Associate of Applied Science** programs prepare students for entry-level positions in the MRI technology field with the required general education, work habits, applied knowledge and technical skills including:

- operation of MRI scanners
- selection of appropriate imaging techniques or coils to produce required images
- inspection of images for quality, using magnetic resonance scanner equipment and laser camera
- conducting of patient interviews

Externship is provided through this program and is an integral part of career developing and placement.

What is MRI?

Magnetic resonance imaging uses a powerful magnetic field, radio waves and a computer to produce detailed pictures of organs, soft tissues, bone and virtually all other internal body structures. The images can then be examined on a computer monitor or printed.

MRI has become a vital tool in medical imaging today. These detailed images allow physicians to better evaluate parts of the body and certain diseases that may not be assessed adequately with other imaging methods, such as x-ray, ultrasound or computed tomography.







About Midwestern Career College

Established in 2004, the institution operates in multiple locations across the Chicago-metro region and is accredited by the Council on Occupational Education (COE).

MCC's mission is to transform the institution and strengthen its ability to accomplish the objectives of academic excellence, social responsibility, affordable access and student career development.

KEY DIFFERENTIATORS

- Exclusive focus on health care education with broad alumni network and experienced faculty
- Flexible schedules and frequent program starts
- Extensive network of clinical externship sites at leading Chicago-metro hospitals and clinics
- Significant emphasis on career services and expanding industry network and alliances
- Financial Aid: Federal grants and loans, WIAO, VA, among others

	Start:	January 2017
	Duration:	80 Weeks
	Location:	Chicago (Downtown), Naperville
	Format:	Classroom, Clinical Site



Certifications

Graduates of this program are eligible for national certification:

- **National phlebotomist certification** from the National Center for Competency Testing (NCCT)
- **National phlebotomist certification** from American Medical Technologists (AMT) (AMT certification requires additional draws.)
- **Certified MRI Technologist** by the American Registry of Magnetic Resonance Imaging Technologists (ARMRIT)
- **Registered MRI Technologist** from The American Registry of Radiologic Technologists (ARRT) (Associates degree or higher required)

Externship

Students of this program are required to complete a 1000-hour externship.

Clinical externships provide a unique opportunity for a real-life patientcare experience, where students obtain hands-on experience in their field of study. Thanks to MCC's wide network of relationships and partnerships with many of the premier hospitals, clinics and medical centers, students do not have to find their own externship site. We find it for them!

Career Outlook

MRI technology is a great career choice, because MRI technologists are in demand. Over the next decade, jobs are expected to grow by 10%.

The evolution of MRI applications continues to grow as the medical community finds new uses for this imaging tool. MRI exam volumes are continuously increasing, expanding career opportunities in hospital-based MRI departments and in a growing number of private MRI facilities.

Learn about the career outlook for MRI technologists at <http://www.bls.gov/ooh/>.

Catalog

The Midwestern Career College catalog can be found online at www.mccollege.edu/catalog.

Midwestern Career College is approved by the Division of Private Business and Vocational Schools of the Illinois Board of Higher Education (IBHE) and is accredited by the Council on Occupational Education (COE).

Curriculum

Term I

ENG111 Oral and Written Communication I (3 cr)

ALH101 Medical Terminology (3 cr)

ALH102 Anatomy and Physiology (3 cr)

MRI111 MRI Physics and Instrumentation I (2 cr)

MRI112 MRI Physics and Instrumentation II (2 cr)

Term II

MTH113 General Education Mathematics (3 cr)

ALH112 Venipuncture for Imaging Professionals (4 cr)

MRI121 Laws and Ethics in Imaging Sciences (2 cr)

MRI122 Patient Care and Safety in MRI (2 cr)

MRI123 Sectional Anatomy I (4 cr)

Term III

SYC114 Introduction to Psychology (3 cr)

MRI231 MRI Positioning and Procedures I (2 cr)

MRI232 MRI Positioning and Procedures II (2 cr)

MRI233 Sectional Anatomy II (4 cr)

MRI234 Advanced Imaging Techniques (2 cr)

MRI235 Introduction to PACS and RIS (2 cr)

Term IV

ENG211 Oral and Written Communication II (3 cr)

HUM115 Introduction to Humanities (3 cr)

MRI241 MRI Positioning and Procedures III (3 cr)

MRI242 Advanced Topics in MRI (4 cr)

MRI243 Medical Imaging Pathology (3 cr)

MRI246 Introduction to Pharmacology (1 cr)

MRI236 MRI Clinical (12 cr)

Program Length: 80 Weeks

Tuition: \$24,000 (Diploma), \$26,000 (AAS)

The structure of courses may change depending on future program development and scheduling.