

GET STARTED ON AN IN-DEMAND CAREER.



MAGNETIC RESONANCE IMAGING

Associate of Applied Science

Magnetic Resonance includes diagnostic medical procedures that use a strong magnetic field, radio waves and computer applications to produce medical images of anatomical structures inside the body. For the first year of the program, students receive didactic instruction in the classroom and apply what they learn in a fully functional MRI simulation lab. For the second year of the program, students continue to take classes at the Toledo area campus while gaining over 1,150 hours of clinical education at a number of regional clinical facilities.

JOB OPPORTUNITIES FOR GRADUATES

According to the US Department of Labor Statistics, the job outlook for Magnetic Resonance Imaging Technologists from 2012 - 2022 will increase 21% which is faster than average. Career advancement opportunities exist in education, administration, research, and in commercial companies as education/application specialists, sales representatives, and technical advisors.

SALARY

Entry-level graduates, working full-time, can expect to earn \$45,000 - \$50,000 per year. According to the 2013 ASRT Salary Survey the average salary for a full-time MRI technologist is \$68,384 annually.

ACCREDITATION

The Owens Magnetic Resonance Imaging Program is the only Associate Degree program in Ohio accredited by the Joint Review Committee on Education in Radiologic Technology.

LOCATION

Toledo-area Campus
Oregon Road
PO Box 10,000
Toledo, OH 43699

PREREQUISITES, CO-REQUISITES, AND ELECTIVE INFORMATION

Acceptance into this program is selective. Please see an advisor to answer your selective admissions questions. Clinical placement requires that students submit documentation of a completed health examination, drug screen and background check.

EARN A BACHELOR'S DEGREE!

Additional opportunities, such as employment in the areas of clinical supervision, education, administration and business, may be available for those who have earned a bachelor's degree. Owens Community College has articulation agreements with Bowling Green State University and Ohio University. Appointments can be scheduled with advisors from these institutions by calling (567) 661-7777.

OWENS.EDU

Office of Admissions
Toledo-area Campus - (567) 661-7777

School of Nursing and Health Professions
Magnetic Resonance Imaging Department
(567) 661-7618



OWENS
COMMUNITY COLLEGE

PROGRAM CURRICULUM

MAGNETIC RESONANCE IMAGING Associate of Applied Science

REQUIRED COURSES

The Age of Coursework for Magnetic Resonance Imaging (MRI) and Medical Imaging Technology (MIT) courses is three years - chair approval required for courses beyond that. Please refer to College Policy, Chapter 2 - Academic, 3358:11-2-22 Age of Coursework Policy.

All Magnetic Resonance Imaging (MRI) and Medical Imaging Technology (MIT) courses must be completed within three years from initial entrance into the program. All courses must be completed with a grade of "C" or better or the student will be academically withdrawn.

1ST SEMESTER - SUMMER

BIO 211	Anatomy and Physiology I *	Credits: 4(Lec: 3 Lab: 3)
MRI 100	Introductions to MR Physics	Credits: 2(Lec: 1.5 Lab: 1.5)
MRI 101	MRI Patient Care and Safety	Credits: 2(Lec: 2)

2ND SEMESTER - FALL

BIO 212	Anatomy and Physiology II *	Credits: 4(Lec: 3 Lab: 3)
MIT 201	Sect Anatomy for Med Imagers	Credits: 1(Lab: 3)
MRI 103	MRI Physics I	Credits: 3(Lec: 3)
MRI 104	MRI Procedures I	Credits: 4(Lec: 3 Lab: 3)
ENG 111	Composition I *	Credits: 3(Lec: 3)
or		
ENG 111P	Composition I Plus *	Credits: 4(Lec: 4)

3RD SEMESTER - SPRING

MRI 203	MRI Physics II	Credits: 2(Lec: 2)
MRI 204	MRI Procedures II	Credits: 4(Lec: 3 Lab: 3)
MIT 104	Medical Informatics	Credits: 1(Lec: 1)
STN 110	Nurse Asst Train-HHC Cert	Credits: 3(Lec: 2 Lab: 1.8 Clinical: 1.2)
SPE 102	Interpersonal Communication	Credits: 3(Lec: 3)

4TH SEMESTER - SUMMER

MRI 211	MRI Directed Practice I	Credits: 3(Lec: .5 Other: 15)
---------	-------------------------	-------------------------------



5TH SEMESTER - FALL

MRI 212	MRI Directed Practice II	Credits: 3(Lec: .5 Other: 15)
MRI 213	MRI Directed Practice III	Credits: 3(Lec: .5 Other: 15)
PHL 102	Principles of Ethics *	Credits: 3(Lec: 3)
MRI 205	Pathophysiology I for MRI	Credits: 2(Lec: 2)
HIT 125	Language of Medicine	Credits: 3(Lec: 3)

6TH SEMESTER - SPRING

MRI 214	MRI Directed Practice IV	Credits: 3(Lec: .5 Other: 15)
MRI 215	MRI Directed Practice V	Credits: 3(Lec: .5 Other: 15)
MRI 221	MRI Capstone	Credits: 1.5(Lec: 1.5)
MRI 220	MR Registry Review	Credits: 1.5(Lec: 1.5)
MTH 133	Quantitative Reasoning *	Credits: 3(Lec: 3 Lab: 1)

*Ohio Transfer Module Course

More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

CLINICAL PARTNER TESTIMONIAL

"Owens helps to prepare students by training them on a simulator prior to the patient care experience. This is beneficial for students who come to the University of Michigan for training because they will have basic knowledge of MRI sequencing and imaging. Our vision is to allow students to train in our high volume and fast-paced environment so they will be ready to take on any challenge."

Glenn Houck, MSM, R.T. (R)

*MR/Allied Health Manager
University of Michigan*

OWENS.EDU

Office of Admissions

Toledo-area Campus - (567) 661-7777

School of Nursing and Health Professions

Magnetic Resonance Imaging Department

(567) 661-7618



OWENS
COMMUNITY COLLEGE

Your *Success* Starts Here.