

Application Process

Limited Enrollment

To qualify for MTC's Radiography Program, applicants must have:

1. Fulfilled all MTC general admission requirements, and submitted both the Radiography Program Application and the non-academic standards form. **Application deadline May 17th.**
2. Successfully completed high school or certification of equivalent education by an organization recognized by the U.S. Department of Education. Acceptance into the Radiography program is contingent upon receipt of official final high school transcript with posted graduation date or passing GED results.
3. Earned an accumulative grade point average (GPA) of 2.5 (4.0 scale) in high school or GED examination equivalent, or completed a minimum of 12 semester hours (or equivalent) of college credit with an accumulative GPA of 2.5.
4. Taken high school algebra, biology, and chemistry, or successful completion equivalent college coursework.
5. Successful completion of the ACT or Basic Skills Assessment (ACCUPLACER) in reading, writing, mathematics (algebra) and Technology Skills Test (TST).
6. Reached 18 years of age by the end of the calendar year in which you are seeking admission into Radiography technical courses.
7. Observed in an imaging department a minimum of 32 hours at three different clinical sites and a submitted an "Observation Validation" form. (Form is available on college website under Radiography program)
8. Transfer students to MTC must qualify in accordance with current Radiography program admission criteria.

A listing of all requirements, policies, and procedures for the program is available in the Radiography Student Handbook located on the program's page on MTC's website.

Accreditation

The associate degree Radiography program is accredited by the Joint Review Commission on Education in Radiologic Technology (JRCERT), 20 N Wacker Drive, Suite 2850, Chicago, IL 60606, 312-704-5300, mail@jrcert.org. The program's current length of accreditation is 8 years.

Certification

Program graduates are eligible to take the National Registry Examination, offered by the American Registry of Radiologic Technologists (ARRT), 1255 Northland Dr., St. Paul, MN 55120, 651-687-0048, <https://www.rrt.org>. The ARRT Board reserves the right to deny admission to the ARRT examination if an individual has been convicted of a crime, including a felony, gross misdemeanor, misdemeanor, or drug-related arrest. Clinical sites as well as potential employers may require drug screens and criminal background investigations

The Program – Radiologic Technology

Produce x-ray images to help in the diagnosis of injury and disease; position patients for accurate imaging; administer special agents that produce greater contrast in biological tissues and structures; maintain strict standards for safety and quality control.

Degree Received Associate of Applied Science

Two-year (six semesters) full-time degree schedule; mixture of core technical and science courses, along with basic communications classes.

Mission Statement

To provide an environment for student radiographers to become qualified and competent technologists in a healthcare setting. We partner with the healthcare community to provide higher education for radiographers and the school encourages the process of life-long learning.

Program Goals

- The program will provide the graduates with entry-level skills of a radiographer.
- To provide the community with qualified technologists.
- The program will facilitate development of effective communication, critical thinking, and problem solving skills.
- To facilitate development of professional attitudes, behaviors, and ethics.

Students in the Radiography program will learn to...

- Demonstrate knowledge and skill to accurately position patients including necessary modifications and evaluation of imaging procedures.
- Practice radiation protection for patient, self and others by determining exposure factors to obtain diagnostic quality images with minimum radiation exposure.
- Provide patient education, comfort, and basic patient care, anticipate patients' needs and recognize emergency condition requiring initiation of first-aid and basic life support procedures.
- Demonstrate knowledge and skills related to quality assurance and quality improvement.
- State the safe limits of equipment operation and report malfunctions to the proper authority.
- Exercise independent judgment and discretion when performing imaging procedures.
- Practice effective communication with patients and other health professionals.
- Demonstrate an understanding of basic x-ray production and interactions.
- Demonstrate knowledge of human structure, function and pathology.
- Support the professions code of ethics and comply with the profession's standard of practice and scope of practice.

RADIOLOGIC TECHNOLOGY
Associate of Applied Science Degree
(Effective Academic Year 2019-20)

Course No	Course Title	Credits	TECHNICAL		NON-TECHNICAL		OTM, TAG, CT ² approved course	Term(s) Offered	Course Requirements
					Gen Ed (Min 15 CrHr)	Applied Gen Ed (Basic)			
FIRST SEMESTER (Summer)									
ALH1140	Healthcare Issues: Medical Law & Ethics	1				1		ALL	None
ALH1130	Healthcare Issues: Medical Professionalism	1				1		ALL	None
RAD1001	Introduction to Radiologic Technology	2	2					ALL	None
ALH1110	Medical Terminology	3				3	[OHL020]	ALL	None
MTH1230	Quantitative Reasoning	3			3			ALL	Placement requirements or MTH0910.
ALH1190	Physics for Allied Health	2				2		FA, SP	Placement requirements or MTH0910
SECOND SEMESTER (Fall)									
RAD1010	Methods of Patient Care	2	2					ALL	None
RAD1020	Radiographic Positioning & Procedures I	4	4					FA	RAD1000 program acceptance
RAD1100	Radiologic Technology Clinical I	3	3					FA	RAD1000
SCI1200	Anatomy & Physiology I	4			4		[TMNS]	ALL	SCI1050 or equivalent
RAD1052	Radiation Physics	2	2					FA	ALH 1190
THIRD SEMESTER (Spring)									
RAD1030	Radiographic Positioning & Procedures II	4	4					SP	RAD1020
RAD1061	Principles of Radiographic Exposure	2	2					SP	RAD1052
RAD1200	Radiologic Technology Clinical II	3	3					SP	RAD1100
SCI1250	Anatomy & Physiology II	4			4		[TMNS]	FA, SP	SCI1200
FOURTH SEMESTER (Summer)									
ENG1000	English Composition I	3			3		[TME001]	ALL	Placement requirements or ENG0991
RAD1300	Radiologic Technology Clinical III	4	4					SU	RAD1200
OIS1240	Computer Applications	3				3	[OBU003]	ALL	Placement requirements or OIS1200
FIFTH SEMESTER (Fall)									
RAD2000	Advanced Imaging Procedures & Equipment	2	2					FA	RAD1061 and RAD1030
ENG1100	English Composition II	3			3			ALL	ENG1000
HSS2020	Ethnic & Cultural Diversity	3			3		[TMSBS] [OSS024]	ALL	Placement requirements or ENG0970
RAD2101	Radiologic Technology Clinical IV	2	2					FA	RAD1300
SIXTH SEMESTER (Spring)									
RAD2030	Principles of Radiobiology	1	1					SP	RAD2000
RAD2050	Radiographic Pathology	1	1					SP	RAD2000
RAD2060	Radiographic Review	1	1					SP	RAD2000
RAD2201	Radiologic Technology Clinical V	2	2					SP	RAD2101
Credit Hour Total			65						
				35	20	10			
					65				

¹ Human Growth and Development recommended