

MISSION

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

STUDENT LEARNING OUTCOMES:

- Demonstrate knowledge and skills related to quality assurance and quality improvement.
- 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 patient needs and recognize emergent conditions requiring initiation of first-aid and basic life support procedures.
- State the safe limits of equipment operation and report malfunctions to the proper authority.
- Exercise independent judgment, discretion, and critical thinking skills to achieve optimum results in unusual situations when performing imaging procedures.
- Practice effective communication with patients, other health care professionals, and MTC faculty and staff.
- Demonstrate an understanding of basic x-ray production and interactions.
- Demonstrate knowledge of human structure, function and pathology.
- Support the professional code of ethics and comply with the profession's standard of practice and scope of practice, to include diversity and inclusion.

ASSESSMENT:

Goals:

- Students will demonstrate the skill of an entry level radiographer
- The student will demonstrate critical thinking and problem-solving skills
- Students will be able to communicate
- Students will model professionalism

Outcomes:

- Students/Graduates will demonstrate correct positioning skills.
- Students/Graduates will practice optimal exposure factors.
- Students/Graduates will provide patient education, comfort, and basic patient care, anticipate patient needs and recognize emergent conditions requiring initiation of first-aid and basic life support procedures.
- Students/Graduates will exercise independent judgment and critical thinking skills
- Students/Graduates will evaluate images for optimal technical factors
- Employers are satisfied with graduate problem-solving skills
- Student/Graduates will modify routine imaging parameters for trauma patients
- Students/Graduates will demonstrate oral communication skills
- Students /Graduates will practice written communication skills
- Students/Graduates will exhibit professional ethics standards, together with diversity and inclusion.
- Students/Graduates will summarize their professional obligations upon gaining their ARRT.
- Graduates will be satisfied with their education
- Employers will be satisfied with the performance of newly hired technologists