

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, and ethics.

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 emergency condition 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 and discretion 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 professions code of ethics and comply with the profession's standard of practice and scope of practice.