



Radiologic Technology Program

PROGRAM PURPOSE

The purpose of the Edison State College Radiologic Technology Program is to provide a nationally accredited, high-quality, Radiologic Technology learning experience.

PROGRAM MISSION

Recognizing the worth and dignity of the individual and society's need for educated radiographers, the Program's mission is to strive for excellence through innovation and continuous improvement as it provides:

- Post-secondary career-oriented courses which provide students with marketable skills and expertise in Radiologic Technology.
- Courses transferable for continuation of undergraduate studies.
- Courses which enable students to enrich their lives socially, culturally, and intellectually.
- Counseling to assist individuals toward continuation of undergraduate studies, or job placement.
- Leadership as a medical imaging educational resource in serving the diverse and developing needs of the community of interest.

PROGRAM GOALS

- Students will be able to perform as an entry-level radiographer.
- Students will demonstrate critical thinking and problem solving skills
- Students will effectively communicate with patients.
- Students will understand the value of professional development and life-long learning.

PROGRAM EFFECTIVENESS GOALS

- Graduates will pass the national certifying examination.
- Graduates will find employment in the field.
- Graduates will indicate overall satisfaction with the program.
- Students starting the program will complete the program.
- Employers will indicate satisfaction with graduates.
- Graduates will be clinically competent.

PROGRAM OBJECTIVES

Following successful completion of the program, the graduate will be able to:

- Apply knowledge of anatomy, physiology, positioning, and radiographic technique selection to accurately demonstrate anatomical structures on a radiograph or other image receptor.
- Determine exposure factors to achieve optimum radiographic technique with minimum radiation exposure to the patient.
- Evaluate radiographic images for appropriate positioning and image quality.
- Apply the principles of radiation protection to the patient, self, and others.
- Provide patient care and comfort.
- Recognize emergency patient conditions and initiate lifesaving first aid and basic life-support procedures.
- Detect equipment malfunctions, report it to the proper authority and know the safe limits of equipment operation.
- Exercise independent judgment and discretion in the technical performance of medical imaging procedures.
- Provide patient / public education related to radiologic procedures and radiation protection/ safely.
- Describe the basic components of a quality assurance program for diagnostic radiology.
- Demonstrate knowledge and skills relating to verbal, nonverbal, and written medical communication in patient care intervention and professional relationships.