

Florida SouthWestern State College

Radiologic Technology Program

PROGRAM MISSION:

The mission of the Florida SouthWestern State College Radiologic Technology Program is to provide a nationally accredited, high-quality Radiologic Technology learning experience. The program strives for excellence through innovation and continuous improvement while providing career-oriented courses instilling marketable skills and professional expertise to its graduates. Program courses will enable students to enrich their lives socially, culturally, and intellectually as well as providing the community with a workforce that meets the developing needs of the field of Radiography

PROGRAM GOALS:

Students will:

- Demonstrate clinical competence by performing as an entry level radiographer
- Apply critical thinking and problem-solving skills
- Effectively communicate with patients, families, and healthcare team members
- Demonstrate professional values and ethics
- Integrate patient care skills
- Apply quality and safety measures
- Demonstrate technological proficiency

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 appropriate 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.