



## **STUDENT LEARNING OUTCOMES:**

Upon completion of the program, the student will demonstrate the following at the required performance level.

- Anticipate and provide basic care and comfort for all patients while in radiology's care.
- Recognize emergency patient conditions and initiate first aid and CPR as indicated.
- Educate the patient about radiologic procedures and services.
- Practice radiation protection for the patient, self and others.
- Demonstrate knowledge of human structure, function and pathology.
- Operate radiographic equipment and accessory devices.
- Position the patient and imaging system to perform radiographic examinations and procedures on patients of all ages and abilities.
- Determine exposure factors to obtain diagnostic quality radiographs with minimum radiation exposure based on knowledge of x-ray production and interactions.
- Exercise independent judgment and discretion in the technical performance of medical imaging procedures consistent with uniform standards of patient care.
- Demonstrate knowledge and skill relating to quality assurance by evaluating the performance of radiographic systems, safe operation of equipment and proper reporting of equipment malfunctions.
- Evaluate medical images for technical quality.
- Process radiographs.
- Use non-verbal, oral and written medical communications in patient care and professional relationships.
- Practice in accordance with the Code of Ethics and Scope of Practice for the profession.
- Practice in accordance with OSHA safety regulations.
- Practice in accordance with the assigned clinical facility's policies and procedures.
- Operate computers as needed to accomplish the imaging, information management, and financial responsibilities of the radiographer.
- Conduct him/herself in a professional manner representative of educational background, goals, and professional skills to potential employers.