



The Radiography student must be able to meet the following technical standards:

- Lift and carry up to five radiographic cassettes which weigh from two to six pounds each. Also, lift, move and push heavy equipment such as portable fluoroscopic (C ARM) machines.
- Reach and adjust the x-ray tube, which is at a height of 72-80 inches from the floor.
- Assist in lifting injured or incapacitated patients to the x-ray table from stretchers or wheelchairs.
- Give clear verbal commands to patients who are positioned for radiographic examinations at distances of 10-15 feet from the control area.
- Not be highly allergic to developer or fixer chemicals, or to radiographic contrast media.
- Sight corrected with devices so as to be able to read and adjust the x-ray control panel.
- Correctly position the patient. This includes seeing positioning lights on tube. Also, distinguish gray-scale changes for the purposes of radiographic film quality.
- Hearing must be corrected, so as to be able to hear the patient at a distance of 10-15 feet. Also, hear faint audible signals such as low sounding buzzers to determine and recognize dysfunctioning equipment.
- Capable of exercising independent judgment and discretion in the safe technical performance of medical imaging procedures.
- Not be physically dependent on non-prescribed drugs.

ENVIRONMENTAL REQUIREMENTS:

The work involves risks or discomforts that require special safety precautions, additional safety education and health risk monitoring (i.e., ionizing radiation, darkroom chemicals), working with needles and syringes, chemicals and infectious disease). Students also will be required to use protective clothing or gear such as masks, goggles, gloves and lead aprons.