Department of Radiologic Technology & Medical Imaging
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REQUIRED FUNCTIONAL ABILITIES AND TECHNICAL STANDARDS

The following functional abilities will be necessary to successfully complete the Radiologic Technology and Medical Imaging program. This information is provided to allow the student to assess his/her own capabilities. The functional abilities may be performed with reasonable accommodation. Students with special needs may refer to the STAR Center, the Counseling Services Center and Center for Student Accessibility.

To ensure patient safety throughout the program, the student must be able to:

- Assist in positioning patients who may be comatose, paralyzed, or otherwise incapacitated, from wheelchairs and beds to x-ray tables, and vice versa;

- Position, place, and move heavy equipment including cassettes, portable x-ray machines and overhead equipment such as the x-ray tube mounted on the ceiling;

- Respond to sound and light signals from control panels and exposure switches over distances of up to of 15 feet;

- Respond to sound and light signals to determine and recognize equipment malfunction;

- Determine differences in gradual changes in blacks, grays and whites for purposes of judging radiographs or digital images for technical quality;

- Communicate verbally and in writing in the English language with patients and other health care personnel;

- Fill syringes and enema bags, manipulate locks on imaging equipment;

- Practice effective isolation procedures and maintain the integrity of a sterile field;

- Utilize keyboard and/or bar-coding devices to input clinical data into computer systems;

- Tolerate physical and emotional stress and continue to exercise good judgment and think critically.