

## **Essential Functions**

As an allied health professional your sensory perception, gross and fine motor skills, and emotional and behavior skills, are essential in order to perform diagnostic radiography and provide patient care. An applicant for admission to the School of Radiologic Technology should be able to perform the following essential skills necessary for clinical rotations and provide patient care required of an entry-level radiographer.

### **Sensory Perception Skills**

1. **Speak:** Communicate to the patient, using the English language, to give instructions, converse, to relieve anxiety, and gain patient cooperation during radiographic procedures.
2. **Hear:** Hear a patient talk in a normal tone from a distance of 20 feet.
3. **Visual:** Observe the patient to assess the patient's condition or needs from a distance of at least 20 feet, as well as read fine print and see computer monitors.
4. **Read:** Read patients' medical charts or doctor's orders in the English language.
5. **Write:** Communicate effectively with others using written means in the English language.

### **Physical Standards – Gross Motor Skills**

1. Render services or assistance to all patients depending on individual needs and abilities, i.e., moving, turning, and assisting patients on and off the radiographic table or stretcher.
2. Push a stretcher and/or wheelchair without injury to self, patient or others.
3. Be able to walk a distance of two miles during a normal work day & stand for extended periods of time.
4. Be able to perform repetitive motor movements. (ie. bending, squatting, pushing & pulling)
5. Be able to push, pull or lift moderate weight (up to 50 lbs) without assistance.
6. Be able to wear required heavy protective lead aprons during some radiographic procedures.

### **Physical Standards – Fine Motor Skills**

1. Select technical exposure factors by manipulating dials, buttons, and switches.
2. Physically be able to administer emergency care; stamina to performs CPR, and/or supporting a fainting patient.
3. Possess excellent eye-hand coordination.
4. Work quickly with a high degree of accuracy.

### **Emotional and Behavior Skills**

1. Be able to interact purposefully and effectively with others.
2. Be able to convey sensitivity, respect, tact, and a mentally healthy attitude.
3. Be able to accept criticism and adopt appropriate modification of behavior.
4. Able to function safely and effectively in high-stress or emergency situations.