

**ALBERT EINSTEIN MEDICAL CENTER
SCHOOL OF RADIOLOGIC TECHNOLOGY**

TECHNICAL STANDARDS FOR RADIOGRAPHY

Applicants to the AEMC School of Radiologic Technology must be able to perform the following skills in order to perform the clinical requirements of the school and the technical aspects of a diagnostic radiologic technologist in the work force. Corrective devices are permitted to meet the following minimal requirements.

The applicant must be able to:

- Communicate in English in order to converse with and instruct patients to relieve their anxiety and to gain their cooperation during procedures.
- Hear a patient talk in a normal tone from a distance of 20 feet.
- Observe the patient in order to assess his/her condition from a distance of 20 feet.
- Read a patient's medical chart.
- Evaluate radiographs using a viewbox to make sure that all films are of diagnostic value and are properly identified.
- Render services and/or assistance to all patients depending upon their individual needs. These needs may involve movement of a patient in and out of a wheelchair, on or off a radiographic table or stretcher, and through a variety of positions in order to obtain images.
- Push, pull and lift up to 40 pounds.
- Manipulate a portable x-ray machine around corners, onto elevators and within patient rooms.
- Maneuver the x-ray tube at standard and non-standard heights at up to 7 feet.
- Draw up sterile contrast media and other solutions without contaminating the needle, syringe or injecting device.
- Select and set the necessary exposure factors using knobs, buttons, dials and switches.
- Place x-ray cassettes in bucky trays and spot film devices.
- Manipulate all locking devices on the radiographic unit.
- Stand for periods of time up to 2 hours while wearing a lead apron.
- Walk a distance of up to 2 miles during a normal workday.

I have read the Technical Standards for radiography. My signature determines that I am capable of fulfilling the above-mentioned requirements.

Applicant's Printed Name

Applicant's Signature and Date