

TECHNICAL PERFORMANCE STANDARDS

Radiography is a practice discipline with cognitive, sensory, affective, and psychomotor performance requirements. Based on those requirements, a list of “Performance Standards” has been developed. Each standard has an example of an activity or activities that a potential student will be required to perform while enrolled in the radiography program. These standards are a part of each Radiography course and of a radiographer’s professional role expectation.

Program Technical Performance Standards

ISSUE	STANDARD	EXAMPLES OF REQUIRED ACTIVITIES (Not all inclusive)
Critical Thinking	Critical thinking ability sufficient for safe clinical judgment.	<ul style="list-style-type: none"> * Identify cause-effect relationships in clinical situations. * Evaluate radiographs to ascertain that they contain proper identification and are of diagnostic value. * Select exposure factors and accessory devices for all radiographic procedures and consideration of patient size, age, and extent of disease. * Assess patient’s condition and needs from a distance of at least 20 feet. * Initiate proper emergency care protocols, including CPR, based on assessment data.
Interpersonal Behavioral and Social Skills	Interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds	<ul style="list-style-type: none"> * Establish rapport with patients, families, and colleagues. * Function effectively under stress. * Adapt to changing environments (flexible schedules, emergency conditions). * Display compassion, professionalism, empathy, integrity, concern for others, interest and motivation.
Communication	Communication abilities sufficient for interaction with others in verbal and written form.	<ul style="list-style-type: none"> * Effectively communicate in English to the patient in order to converse, instruct the patient, relieve anxiety, gain their cooperation during procedures, understand the patient when communicating symptoms of a medical emergency. * Read the patient’s medical chart and/or physician’s orders. * Legibly write patient history * Documents own actions and patient responses as indicated.
Mobility	Physical abilities sufficient to move from room to room and maneuver in small spaces.	<ul style="list-style-type: none"> * Assist all patients, according to individual needs and abilities, in moving, turning, transferring from transportation devices to the x-ray table, etc. * Be able to push, pull, and lift 50 pounds * Push a stretcher, wheelchair or other transportation device without injury to self, patient or others. * Push a portable x-ray machine from one location to another, including turning corners, getting on and off an elevator, and manipulating it in a patient’s room.
Motor Skills	Gross and fine motor abilities sufficient to provide safe and effective care.	<ul style="list-style-type: none"> * Manually move the x-ray tube and position the tube at various angles at heights up to 7 feet. * Accurately draw up sterile contrast media and other solutions without contaminating the syringe and / or needle etc. * Place cassettes in Bucky tray and properly manipulate all locks. * Physically be able to administer emergency care including performing CPR. * Be able to stand for periods as long as 2 hours wearing lead aprons and to walk a distance of 3 miles during a normal work day.
Hearing	Auditory abilities sufficient to monitor and assess patient needs, and provide a safe environment.	<ul style="list-style-type: none"> * Hear a patient talk in a normal tone from a distance of 20 feet. * Hear a monitor alarm, emergency signals, and cries for help.
Visual	Visual ability sufficient for observation, evaluation, and assessment necessary in the operation of equipment and care of patients.	<ul style="list-style-type: none"> * Observe the patient in order to assess the patient’s conditions and / or needs from a distance of, at least, 20 feet. * Can see numbers, letters, calibrations, etc. of varying sizes located on equipment utilized by a radiographer. * Evaluate radiographic images in relation to exposure factors, image quality, and proper positioning of anatomical parts.
Tactile	Tactile ability sufficient for patient assessment and operation of equipment.	<ul style="list-style-type: none"> * Perform palpation, tactile assessment, and manipulation of body parts to insure proper body placement and alignment. * Manipulate dials, buttons, and switches of various sizes.
Mental	Mental ability sufficient for Patient care, assessment and Operation of equipment.	<ul style="list-style-type: none"> * Be able to visually concentrate and focus attention, thoughts, and efforts on patients and equipment for varying periods of time. * Be able to respond to patients’ changing physical conditions.

Students accepted into the Radiography Program must be physically capable of successfully performing the standards safely, accurately, and expeditiously.

Do you have any physical restrictions that will interfere with the successful performance of any of the technical performance standards identified?

_____ YES _____ NO

If your answer is **YES**, please describe and explain what accommodations will be necessary to allow you to perform any of the technical performance standards successfully. Determination is made on an individual basis as to whether any accommodations or modifications can be reasonably made.

I have read and understand the physical requirements of the technical performance standards.

Signature

Date