

Mayo Clinic School of Health Sciences

Radiography Program

Technical Performance Standards

Theme	Essential Functions	Example of Required Activities (not all inclusive)
Visual	Visual ability sufficient for patient identification and assessment of equipment choices used in patient care, specifically possessing normal vision or corrected equivalent	<ul style="list-style-type: none">• Reading small, fine print in all environments, including low-light conditions for accurate patient identification.• Differentiate basic colors and their hues in relation to distinguishing tube types, equipment choices (color-coded packaging), assessing point of care testing such as pH litmus paper by comparing test-strip results to value chart.
Hearing	Hearing abilities adequate to provide safe and efficient patient care and to effectively communicate with health care personnel.	<ul style="list-style-type: none">• An auditory capacity ensuring patient identification (ability to hear patients' state name / date of birth within noisy environments) is correctly performed according to institutional policy.• Interact with healthcare faculty, patients and family in person and via the telephone.• Hear various equipment sounds such as alarms, emergency signals and instrumentation in noisy environments such as, but not limited to, Emergency Department and / or during a code-situation.• Capable of auditory discernment (including equipment sounds and / or voices which may or may not be visually associated / accessible) due to environmental conditions and/or constraints.
Tactile	Tactile ability (sense of touch) to assess patients allowing for proper site selection and correct equipment choices.	<ul style="list-style-type: none">• Ability to locate veins and arteries, by palpation, allowing for vascular access.• Recognize patient's changing condition in regards to skin integrity and temperature.
Motor Skills/Mobility	Possess both gross and fine motor skills necessary in providing safe and effective patient care.	<ul style="list-style-type: none">• Full Range of Motion (ROM) allowing for gross movements within confined spaces such as bending stooping, squatting, lifting and pushing.• Fine motor skills, steady hand function and hand-eye coordination allowing the correct and safe use of equipment in the venipuncture process; use of lancets, placing test strips in glucose meters, labeling tubes, typing tourniquets, assembling equipment and having the dexterity to access small vessels with small pieces of equipment, such as the winged infusion device.

		<ul style="list-style-type: none"> • Demonstrate the ability to fully utilize computer equipment such as keyboard, mouse and bar-code scanner necessary to process orders and document any discrepancies.
Communication	Possess written, verbal and comprehension skills for effective interaction between healthcare workers and patients in providing patient care.	<ul style="list-style-type: none"> • Possess the skills necessary to effectively verbalize the English language (such as pronunciation, articulation and volume, etc) in communicating with faculty, patients and family members, necessary for effective and understandable exchange of information. • Have the fluency to read and comprehend the English language necessary to understand caregivers' written and/or electronic orders, and any signage related to patient care. • Correct use of the English language in the written format, including spelling and grammar, allowing for proper documentation regarding patient care.
Interpersonal Behavior and/or Social Skills	Possess a level of emotional well-being to effectively communicate and interact in a non-judgmental manner with patients, family, peers and other health care providers.	<ul style="list-style-type: none"> • Communication exchanges with peers and other healthcare workers in mutually respectful manner. • Establish good rapport (greeting, explaining procedure, etc.) with patients while recognizing the variances in emotional status. • Show genuine empathy, understanding, interest and professionalism while interacting with patients. • Have the ability to accept constructive criticism and modify behavior accordingly.
Environment	Sensory and physical well-being that will allow an individual to tolerate occasional distressing and/or disturbing conditions that may be present in a clinical setting.	<p>Tolerate smells associated with disease states and infections.</p> <p>Tolerate sights such as open incisions, invasive procedures during code situations and injuries/deformities.</p> <p>Ability to acclimate to various noises which may range from distractions to annoyances.</p> <p>Emotional strength to understand patient and/or family disturbances, death and dying.</p> <p>The ability to function effectively (by completing the given task) in emergent and stressful situations.</p>
Problem Solving/Organizational Skills	Command the ability to think critically, possess problem-solving and organizational skills necessary in providing quality patient care.	<ul style="list-style-type: none"> • Understand the relationship between patient health status/condition and requested collections. • Possess the skills necessary to prioritize collections especially in emergent situations. • Ability to troubleshoot/adapt when necessary. • Understand additional resources available, where to locate them and how to use them.
Ethics	Adhere to Mayo Clinic's mission, vision and value statements regarding patient care.	<ul style="list-style-type: none"> • Recognize the importance of performing duties in accordance with policies and standard operating procedures. • Accept the expectation of maintaining patient

		<p>confidentiality, both from a legal standpoint and a humanitarian perspective.</p> <ul style="list-style-type: none"> • Understand the Patient Bill of Rights and perform care in a manner that exhibits respect, dignity and empathy for the patient and family members.
Computer/Technological Skills	Possess the skill sets and capability to utilize electronic technology in the healthcare setting.	<ul style="list-style-type: none"> • Understand basic computer functions, such as window applications; drop-down menus, pop-up boxes, data entry, printing and the ability to function in multiple screens simultaneously. • Have the ability to learn and understand the software technology utilized in the healthcare setting (Information Systems). • Possess basic troubleshooting skills and/or recognize resources available to assist.