

**Mayo Clinic School of Health Sciences
Radiography Program**

The MCSHS MRI Program is committed to diversity and educating students who will make the population of health care professionals a true representative of our diverse community.

The following technical standards are not intended to deter any candidate for whom reasonable accommodation will allow the fulfillment of the complete curriculum. Program applicants and admitted students with disabilities are confidentially reviewed to determine whether there are any reasonable accommodations that would permit the individual to satisfy the program standards. The following technical standards are required of all students enrolled in the Radiography Program:

Theme	Essential Functions	Example of Required Activities (Not all inclusive)
Observation	Candidates must be able to observe demonstration and participate in hands-on learning in the classroom, laboratory, and clinical settings. Candidates must be able to acquire information from written documents and computer systems. Candidates must be able to assess patients and evaluate images for diagnostic quality.	● Reading small, fine print in all environments, including low-light conditions for accurate patient identification ● Differentiate subtle variations in color, shape, and general appearance ● Identify specific structures on greyscale and color images on the computer screens or image display monitors for extended periods of time ● Identify central ray beam and laser location in dim light environments ● Interpret various forms of documentation including records, charts, images, and handwritten notation ● Recognize and assess patient changes in mood, activity, cognition, verbal, and non-verbal communication ● Acquire information from various equipment such as alarms and emergency signals
Communication	Candidates must be able to communicate effectively, sensitively, and efficiently with patients, families, health care professional and faculty. Candidates must be able to acquire the patient's medical history in a timely manner, interpret non-verbal information, and establish a therapeutic rapport with patients. Candidates are also required to record information accurately and clearly; and communicate efficiently in English with other health care professionals.	● Sufficiently communicate in English to retrieve information from literature, computerized databases, and lectures to communicate concepts on written exams and patient charts ● Communicate effectively and efficiently with patients, students, staff, faculty, and all members of the healthcare team during all learning experiences ● Ability to communicate effectively with technologists using the intercom system ● Fluently read and comprehend the English language necessary to understand caregiver's written and/or electronic orders

Motor Skill & Mobility	Candidates must have sufficient motor functions that they are able to execute movements required to provide general care and treatment to patients in all health care settings within a specified amount of time.	● Execute motor movements required to provide safe and effective patient care. ● Ability to work in confined spaces. ● Fine motor skills, steady hand function and hand-eye coordination ● Perform basic life support, transfer and position patients and re-position self around patients ● Ability to position and operate typical equipment found in the health care environment (i.e. oxygen tanks, wheelchairs, imaging equipment, etc.) ● Demonstrate ability to wear 10-15-pound lead apron while performing the duties of the profession ● Ability to locate veins, arteries, and bony landmarks by palpation ● Recognize patient's changing condition in regard to skin integrity and temperature
Interpersonal Behavior & Social Skills	Candidates must exhibit the emotional stability required for full utilization of their intellectual abilities, which includes, but is not limited to, the exercise of good judgment, and the prompt completion of responsibilities associated with the care of patients. Candidates are expected to exhibit integrity, honesty, professionalism, compassion, and display a spirit of cooperation and teamwork.	● Ability to tolerate physically, mentally, and emotionally demanding workloads, function effectively under stress, adapt to changing environments, display flexibility and learn to function in the face of uncertainties inherent in the clinical problems of patients ● Express compassion, integrity, concern for others, interpersonal skills, interest, and motivation when working with patients, staff, and faculty ● Ability to manage apprehensive patients with a range of moods and behaviors in a tactful, culturally sensitive, congenial, personal matter so as not to alienate or antagonize them ● Ability to accept feedback and respond by appropriate modification of behavior
Cognitive & Intellectual	Candidates must be able to assimilate detailed and complex information presented in both didactic and clinical coursework. Candidates are expected to possess the ability to measure, calculate, reason, analyze, synthesize, and transmit information. Candidate must also command the ability to think critically, possess problem-solving and organizational skills necessary the classroom, laboratory, and clinical setting.	● Ability to learn through a variety of methods including, but not limited to, classroom instruction, small group, problem-based learning groups, team and collaborative activities, individual study, preparation, and presentation of reports simulations, and through the use of technology ● Ability to organize time independently and manage multi-faceted demands and schedules ● Comprehend three-dimensional relationship and to understand spatial relationships of anatomic structures

Environment	Candidate must have the 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.	• Tolerate smells associated with disease states and infections • Tolerate sights such as open incisions, invasive procedures during code situations and injuries/deformities • Ability to acclimate to various noises which may range from distractions to annoyances • Emotional strength to understand patient and/or family disturbances, death and dying • Ability to function effectively (by completing the given task) in emergent and stressful situations
Ethics	Adhere to Mayo Clinic's mission, vision, and value statements regarding patient care.	• Recognize the importance of performing duties in accordance with policies and standard operating procedures • Accept the expectation of maintaining patient confidentiality • 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	Candidate must be able to utilize electronic technology in didactic, laboratory and clinical environment.	• Demonstrate basic computer functions such as data entry, printing, and ability to function in multiple screens simultaneously • Ability to learn and understand the software technology utilized in the health setting • Demonstrate the ability to fully utilize computer equipment such as keyboard, mouse and bar-code scanner to process orders and document discrepancies.