

TECHNICAL STANDARDS

The MCSHS Respiratory Care Program is committed to educating students who will make the population of healthcare professionals 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 Respiratory Care Program:

Theme	Essential Functions	Example of Required Activities (Not all inclusive)
Observation	Candidates must be able to observe, demonstrate, 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 accurately observe patients and assess findings in a timely manner. They must be able to obtain a medical history and perform a complete physical examination to integrate findings based on these observations and to develop an appropriate treatment plan.	<ul style="list-style-type: none"> • Reading small, fine print in all environments, including low-light conditions for accurate patient identification • Acquire information from digital, analog, or graphic gauges, scales, and monitors • Assess breath and heart sounds • Recognize and assess patient changes in mood, activity, cognition, verbal, and non-verbal communication • Acquire information from various equipment such as patient data, alarms, and emergency signals • Recognize patient's changing condition in regard to their physical exam and interview
Communication	Candidates must be able to communicate effectively, sensitively, and efficiently with patients, families, healthcare 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 in the patient's medical record; and communicate efficiently in English with other health care professionals.	<ul style="list-style-type: none"> • 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 • Interact with healthcare faculty, patients, and family in person, in writing, and via the telephone • Fluently read and comprehend the English language necessary to understand caregiver's written and/or electronic orders and understand any signage related to safety and patient care

<p style="text-align: center;">Motor Skill & Mobility</p>	<p>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. Perform physical examinations and diagnostics maneuvers. Respond to clinical situations in a timely and efficient manner while providing general and emergency care.</p>	<ul style="list-style-type: none"> • A candidate required to have full range of motion allowing for gross movements within confined spaces such as bending, stooping, squatting, lifting, straining, and pushing • Must be able to lift a minimum of 50 pounds • A candidate must be able to negotiate patient care environments and must be able to move self/patients between multiple settings, such as outpatient buildings, classroom building, and hospital building • Fine motor skills, steady hand function and hand-eye coordination • In emergent situations, be able to perform basic life support, cardiopulmonary resuscitation (CPR) • Transfer and position patients and re-position self around patients (including sliding, lifting, and pushing patients in bed or wheelchair) • Position and operate typical equipment found in the health care environment (i.e. oxygen tanks, wheelchairs, patient beds, imaging equipment, etc.) • Adhere to universal precaution measures and meet safety standards applicable to inpatient and outpatient settings and other clinical activities. • Within clinical rotations, students may be required to cover large areas of space (different patient-care floors, different wings or sections within institutional building structures). They must be able to transport themselves and patients from one location to another in a timely and safe manner to facilitate patient care responsibilities and to receive education training. Students maybe required to be on their feet walking or remain in a relatively fixed position for the entirety of a procedure for multiple hours at a time with minimal rest or breaks.
<p style="text-align: center;">Interpersonal Behavior & Social Skills</p>	<p>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.</p>	<ul style="list-style-type: none"> • 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,

		<p>interest, and motivation when working with patients, staff, and faculty</p> <ul style="list-style-type: none"> • 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 • Accept feedback and respond by appropriate modification of behavior • Exercise good judgement, promptly complete all responsibilities attendant to the diagnosis and care of patients, develop mature sensitive, and effective relationships with patients and other healthcare personnel • Show genuine empathy, understanding, interest and professionalism while interacting with patients • Students are responsible to ensure they arrive fit for duty, which is defined as being in sound emotional, physical, and mental health to provide safe patient care • Students must be available to meet when session are available for the mastery of the curriculum objectives. This may include evening and night obligations.
<p style="text-align: center;">Cognitive & Intellectual</p>	<p>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 for the classroom, laboratory, and clinical settings.</p>	<ul style="list-style-type: none"> • 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 using technology • Organize time independently and manage multi-faceted demands and schedules • Formulate and test hypotheses that enable effective and timely problem solving in treatment of patients in a variety of clinical settings • During the clinical portion of the program, some mandatory clinical rotations require start times at 5:00am or 7:00pm (overnights). Most clinical shifts will be 12-13 hour days. As a result, students must be able to perform clinical duties competently, capably, physically, and psychologically with moderate degrees of sleep deprivation.

<p>Environment</p>	<p>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. Candidate must have the ability to enter the static magnetic field without contraindication.</p>	<ul style="list-style-type: none"> • Tolerate odors associated with disease states and infections • Don personal protective equipment according to isolation precautions, including PAPR, N95, gowns, gloves, eyewear • Tolerate sights such as open incisions, invasive procedures during all patient care situations, and injuries/deformities • Tolerate and function in a wide range of lighting conditions- ranging from high brightness to darkness • Acclimate to various noises which may range from distractions to annoyances • Emotional strength to understand patient and/or family disturbances, death, and dying • Function effectively (by completing the given task) in emergent and stressful situations
<p>Computer & Technological Skills</p>	<p>Candidate must be able to utilize electronic technology in didactic, laboratory and clinical environment.</p>	<ul style="list-style-type: none"> • Demonstrate basic computer functions such as data entry, printing, and ability to function in multiple screens simultaneously. • Learn and understand the software technology utilized in the health setting. • Demonstrate the ability to fully utilize computer equipment independently such as a keyboard, mouse, and barcode scanner
<p>Problem Solving/ Organizational Skills</p>	<p>Candidates must think critically and demonstrate problem-solving and organizational skills necessary in providing quality patient care.</p>	<ul style="list-style-type: none"> • Understand the relationship between patient health status/condition and requested actions • Demonstrate the skills necessary to prioritize tasks especially in emergent situations • Effectively and timely troubleshoot/adapt when necessary • Understand additional resources available, where to locate them and how to use them, including departmental and national policies and procedures
<p>Ethics</p>	<p>Candidates must adhere to Mayo Clinic's mission, vision, and value statements regarding patient care.</p>	<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 confidentiality, both from a legal standpoint and a humanitarian perspective • Understand the Patient Bill of Rights and perform care in a manner that exhibits respect, dignity, and empathy for the patient and family members

