

**Mayo Clinic School of Health Sciences
Doctor of Nurse Anesthesia Practice Program**

The Doctor of Nurse Anesthesia Practice 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 Doctor of Nurse Anesthesia Practice 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, workshop, simulation center and clinical settings. Candidates must be able to acquire information from written documents and the electronic health record.	<ul style="list-style-type: none"> • Reading small, fine print in all environments, including low-light conditions for accurate patient identification. • Recognize and assess patient changes in mood, activity, cognition, verbal and non-verbal communication. • Detect and interpret changes in monitoring alarms and equipment. • Obtain information from demonstration and experiments in various settings, including: the skills lab, the simulation center, inpatient and outpatient patient settings and the operating room. • Assess a patient and evaluate findings accurately.
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.	<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. • 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. • Interact with healthcare faculty, patients and family in person and via writing.
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.	<ul style="list-style-type: none"> • Full range of motion allowing for gross movements within confined spaces such as bending, stooping, squatting, lifting and pushing. • A candidate must be able to negotiate patient care environments and must be able to move self/patients between settings, such as clinic, classroom building, and hospital. • A candidate must be able to execute motor activities reasonably required to provide general care, to perform direct laryngoscopy,

		<p>arterial and venous line placement, and performance of peripheral and central nerve blocks, anesthesia gas machine operation and troubleshooting, and to provide emergency and urgent treatment to patients such as fiberoptic intubation and therapies of the difficult airway algorithm.</p> <ul style="list-style-type: none"> ▪ Examples of emergency treatment reasonably required of a nurse anesthetist are cardiopulmonary resuscitation (CPR) and the administration of intravenous medication. <ul style="list-style-type: none"> • Fine motor skills, steady hand function and hand-eye coordination. • Perform basic life support, transfer and position patients and re-position self around patients. • Position and operate typical equipment found in the health care environment (i.e. oxygen tanks, wheelchairs, imaging equipment, etc.) • Must be able to elicit information from patients by palpation, auscultation, percussion and other diagnostic maneuvers. • Many surgical procedures essential to training may last for 3 or more hours. Students may be required to remain in a relatively fixed position for the entirety of the procedure with minimal rest or breaks. • In emergency situations, patients may need to be moved or resuscitated, and the student may be in situations that necessitate short periods of bending, lifting or partial lifting, reaching, squatting or straining. • 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 fashion to facilitate patient care responsibilities and to receive educational training, such as during rounds. •
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<p>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, interest, and motivation when working with patients, staff and faculty. • Manage apprehensive patients with a range of moods and behaviors in a tactful, culturally
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		<p>sensitive, congenial, personal matter so as not to alienate or antagonize them.</p> <ul style="list-style-type: none"> • Exercise good judgment, promptly complete all responsibilities attendant to the diagnosis and care of patients, and develop mature, sensitive, and effective relationships with patients and other healthcare personnel. • Accept feedback and respond by appropriate modification of behavior. • Show genuine empathy, understanding, interest and professionalism while interacting with patients. • Because the nature of nurse anesthesia education is based on a mentoring process, candidates are expected to be able to accept criticism and respond by appropriate modification of behavior. • Students are responsible to ensure that they arrive fit for duty, which is defined as being in sound emotional, physical, and mental health to provide safe anesthesia care. • Students must be available to meet when sessions are available for the mastery of the curriculum objectives. This may include evening, night and weekend 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 the classroom, laboratory and clinical setting.</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 through the use of technology. • Organize time independently and manage multi-faceted demands and schedules. • Comprehend three-dimensional relationship and to understand spatial relationships of anatomic structures. • During the clinical portion of the program, several mandatory rotations require extended hours, with start times as early as 5:00 am. Evening, on-call and weekend shifts are common and may extend into 12 to 16 hour days. As a result, students must be able to physically and psychologically perform capably and competently 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.</p>	<ul style="list-style-type: none"> • Tolerate smells associated with disease states and infections. • Tolerate sights such as open incisions, invasive procedures during code situations and injuries/deformities. • 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 care setting. • Demonstrate the ability to fully utilize computer equipment such as keyboard, mouse and bar-code scanner necessary to process orders and document any discrepancies.
<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 especially in emergent situations. • Effectively troubleshoot/adapt when necessary. • Understand additional resources available, where to locate them and how to use them.
<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.