

KCU MHSAA Program Minimum Technical Standards

KCU is committed to equal access and inclusion of qualified learners with disabilities. Requests for accommodations should be directed to the KCU Disability Services Coordinator. Timely disclosure and requests by students are essential and encouraged as accommodations are not applied retroactively.

KCU provides the following Technical Standards to inform incoming and enrolled students of the performance abilities and characteristics that are necessary to successfully complete the requirements of the MHSAA curriculum and provide effective and safe health care. To matriculate (enroll) the student must meet technical standards with or without reasonable accommodations and maintain related satisfactory demonstration of these standards for progression through the program. Critical skills needed for the successful navigation of core experiences are outlined below, and include the ability to observe and communicate, as well as to understand, integrate core knowledge and skills, and to behave appropriate in varied educational and professional situations.

To that end, students must be able to:

Observation

1. Directly and accurately observe patients and assess findings.
2. Recognize and assess body position, facial expression, skin color, range of motion, eye position, dentition, etc., which are examples of necessary abilities to master the requirement of preanesthetic evaluation, intraoperative assessment and subsequent management.
3. Acquire accurate and complete information from demonstrations, experiments, and patients, both near and far, in the basic and clinical sciences.
4. Acquire information from written documents and computers systems (e.g., literature searches and data retrieval)
5. Identify information presented in images from paper, slides, electronic screens, videos, and transparencies.
6. Recognize and differentiate colors of items displayed on patient monitors and anesthesia machines, hear and respond to alarms and work in both light and dark conditions.
7. Perceive and accurately read vital signs monitors and other medical equipment used for patient care (e.g., defibrillator, peripheral nerve stimulator, ultrasound, point-of-care devices, fluid warmer, fetal heart rate monitor, tourniquet, etc.)

Communication

1. Communicate skillfully (in English) orally and in writing with faculty members, other members of the healthcare team, patients, families, and other students to elicit information, convey information, clarify information, create rapport, and demonstrate competencies for progression in the MHSAA program.
2. Communicate effectively with patients to elicit information; describe changes in vital signs and activity; and perceive nonverbal communications.
3. Communicate effectively in emergency situations (e.g., a member of a cardiac arrest team, emergency surgery, labor and delivery, etc.).

Sensory/Motor

1. Effectively elicit information by palpation, auscultation and percussion as well as other diagnostic and therapeutic maneuvers.
2. Perform basic diagnostic and therapeutic tasks, including invasive procedures, on patients in a timely manner to ensure the safety of patients and coworkers.
 - i. Examples include bag-mask ventilation, endotracheal intubation, vascular access, arterial and central venous catheterization, nerve and neuraxial blocks, and reading EKGs and medical images.
3. Execute psychomotor movements reasonably required to provide skillful anesthesia care to patients.

Conceptual, Integrative and Quantitative Abilities

1. Measure, calculate, reason, analyze, and synthesize, and transmit data related to patients.
2. Assimilate detailed and complex information presented in both didactic and clinical coursework, and engage in effective problem solving.
3. Comprehend three-dimensional relationships and to understand the spatial relationship of structures.
4. Endure long hours and participate fully in a classroom or operating room.
5. Sustained, intense concentration over an extended period, especially in emergency situations and environments with numerous distractors.

Behavior and Social Attributes

1. Exhibit sufficient maturity and emotional stability to fully use their intellectual abilities, exercise good judgment, complete patient-care responsibilities promptly, and build mature, sensitive and effective relationships with patients.

2. Tolerate physically and mentally taxing workloads and function effectively under stress.
3. Adapt to changing environments, display flexibility and learn to function in the face of uncertainties inherent in the clinical problems of many patients.
4. Contribute to collaborative, constructive learning environments, accept constructive feedback from others and take personal responsibility for making appropriate positive changes.
5. Practice compassion, integrity, concern for others, interpersonal skills, interest and motivation.

