SURGICAL TECHNOLOGY ESSENTIAL FUNCTIONS

Students must be able to perform certain psychomotor, cognitive, and affective skills that are required in the program and, upon graduation, in the profession. The following examples of criteria are not intended as a complete listing of practice behaviors, but are a sampling of the types of abilities needed by the student to meet program objectives and requirements. The Department or its affiliated agencies may identify additional critical behaviors or abilities needed by students to meet program or agency requirements. The Department reserves the right to amend this listing based on the identification of additional standards or criteria for students. If you cannot fully meet (100%) the following standards (and examples of criteria to meet the standards), you will be asked to explain in what way you cannot meet those standards and what type of accommodations you will need throughout the program. The ADA coordinator and Dean of Health Sciences will determine if those accommodations can be provided.

Cognitive and critical thinking abilities are sufficient to make clinical judgments and meet laboratory objectives and requirements.
1. Comprehend new knowledge and apply it in the practice setting.
2. Organize, problem-solve, and make decisions.
3. Meet mental competency requirements.
4. Compute mathematical problems.
5. Operate a computer after an orientation

Interpersonal abilities are sufficient to interact purposefully and effectively with others.
1. Establish rapport with individuals.
2. Perceive emotions displayed by others.
3. Convey sensitivity, respect, tact, and a mentally healthy attitude in interpersonal relationships.
4. Conscientious, orderly, and emotionally stable to handle the demands of surgeons.

Communication abilities are sufficient to convey thoughts in verbal and written form so that others understand them.
1. Have sufficient English language abilities to understand printed materials; classroom lectures; instructional, medical or other directives; patient questions and/or responses, and must be able to understood in verbal and written communication.
2. Appropriately use the terminology of the profession in verbal and written communications.
3. Interpret feedback or messages.

Physical mobility is sufficient to fulfill classroom, clinical, and program objectives safely and effectively.
Physical disabilities must not pose a threat to the safety of the student, faculty, patients, or health care workers.
1. Maintain balance in any position and can stand on both legs, move from room to room, and maneuver in small spaces.
2. Flex and/or abduct and adduct all joints freely.
3. Able to achieve certification in cardiopulmonary resuscitation at the professional rescuer level.

Strength (gross motor skills) and endurance are sufficient to safely fulfill clinical laboratory objectives and requirements.
1. Have physical stamina to stand and walk for six hours or more in a clinical setting performing physical task, requiring physical energy without jeopardizing patient, self, or colleague safety.
2. Able to position, lift and transfer patients without injury to patient, self, or others.
3. Able to push or pull heavy objects, such as an occupied hospital bed without injury to patient, self, or others.

Fine motor skills and hand/eye coordination are sufficient to safely fulfill all objectives and requirements.
1. Able to manipulate small objects. EX: Threading a needle.
2. Manipulate objects without extraneous motions, tremors or jerking.
3. Have mental dexterity sufficient to handle instruments quickly.

Auditory ability is sufficient to communicate effectively with others, to monitor and assess patient status, and to fulfill all clinical objectives and requirements.
1. Hear accurately to assess a blood pressure and can accurately count a heart rate
2. Hear high and low frequency sounds, such as telephones, monitor alarms, emergency signals, weak cries of infants, and weak calls for help.

Visual ability is sufficient to monitor and assess patient status and to fulfill laboratory objectives and requirements
1. Able to discern the full spectrum of colors and to distinguish color changes.
2. Accurately read numbers and letters in fine print, such as would appear on medication vials, ampoules, syringes, and monitoring equipment in varying levels of lights (daylight to very dim light) from no closer than 12-18 inches. This includes handling very small thread (suture) in dim lighting.
3. Read for long periods of time.
3. Detect changes in the environment.

Tactile ability and sense of smell must be sufficient to assess patients and the environment.
1. Discern tremors or vibrations in various body areas.
2. Palpate and count pulses.
3. Discern physical characteristics through touch, such as texture, temperature, shape, size, location, and others.
4. Smell body and environmental odors, such as infected wounds or burning electrical equipment.

Student Verification
Read the declarations below and check only **one** option. Sign and print name below. *If you are **unable** to **fully** meet **any** criterion, you will need to direct your request to the College ADA Coordinator.*

_____I have reviewed the Essential Functions for this program and I certify that to the best of my knowledge **I currently have the ability to fully perform these functions**. I understand that further evaluation of my ability may be required and conducted by the EMS faculty if deemed necessary to evaluate my ability prior to admission to the program and for retention and progression through the program.

_____I have read the Essential Functions for this program and **I currently am unable to fully meet the items indicated without accommodations**. I am requesting the following reasonable accommodations: Attach additional sheet.

_____
Student Signature

_____   _____
Printed Name   Date

MEDICAL VERIFICATION
Is this person's mental and physical health sufficient to perform the classroom and clinical duties of a surgical technology student?

YES_____ NO_____ If no, please explain (use additional sheet if needed)

_____   _____
MD/PA/NP Signature   Date

_____
Printed Name