

The **Surgical Technology** program technical standards have been developed to inform students of the nonacademic essential functions of the program and profession. Examples are not all inclusive.

Standard	Essential Function	Examples
Communication Oral / Written	<ul style="list-style-type: none"> • Skills sufficient to communicate information and ideas so others will understand • Skills sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds 	<ul style="list-style-type: none"> • Must be able to speak clearly. • Accurately convey information using one or more means of communication (verbal, written to patients/Doctors and the health care team • Interpret doctor’s orders • Establish rapport with other health care providers
Mobility / Motor Skills	<ul style="list-style-type: none"> • Motor skills sufficient to move the hands, arms, and legs. • Fine motor abilities like finger dexterity, manual dexterity, arm-hand steadiness and trunk strength. • Good hand eye coordination 	<ul style="list-style-type: none"> • Manipulate fine and delicate sutures, instrumentations and equipment • Manipulate instruments, supplies and equipment with speed, dexterity and good eye-hand coordination • Ability to hold patient’s extremity for a minimum of 5 minutes. • Maneuver in confined spaces
Physical Strength and Stamina	<ul style="list-style-type: none"> • Ability to stand, bend, stoop, and or sit for extended periods of time in one location • Ability sufficient to lift and carry a minimum of 50 pounds • Ability to ambulate/move around without assistive devices 	<ul style="list-style-type: none"> • Stand and walk up to 12-hour shifts • Walk up to 5 miles per day • Lift and/or maneuver patients • Lift and move equipment
Sensory <ul style="list-style-type: none"> • Sight 	<ul style="list-style-type: none"> • Possess auditory ability to monitor and assess 	<ul style="list-style-type: none"> • Be able to accurately read charts, small print, medication labels,

Standard	Essential Function	Examples
<ul style="list-style-type: none"> • Sound • Taste • Touch • Smell 	<p>needs of the surgeon and other team members.</p> <ul style="list-style-type: none"> • Possess visual acuity for observation and assessment during surgical procedure • Listening skills sufficient to communicate with others • Identify various sounds • Possess tactile perception to handle microscopic supplies, instrumentations and equipment. • Ability to detect unusual odors. • Ability to tolerate various odors 	<p>syringes, and identify hand gestures.</p> <ul style="list-style-type: none"> • Hear and understand muffled communications without visualization of the communicator's mouth/lips within 20 feet • Hear equipment/emergency alarms, call bell, or call for help • Capable of manipulating delicate instrumentation, equipment and implantable items while wearing surgical gloves • Demonstrate ability enough to load a fine (10-0) suture onto needle holders with/without corrective lenses and while wearing safety glasses needs to have distant vision adequate to see within a 10-foot radius. • Demonstrate sufficient peripheral vision to anticipate and function while in the sterile surgical environment. • Work with patients with poor hygiene
<p>Environmental / Occupational Exposure</p>	<ul style="list-style-type: none"> • Frequent exposure to communicable and infectious diseases, secretions, blood, and bodily fluids • Exposure to environmental hazards • Ability to work under high stress situations and respond promptly • Work in confined spaces 	<ul style="list-style-type: none"> • Possible exposure to communicable diseases and blood borne pathogens • Respond appropriately in emergency to maintain patient safety and care • Refrain from nourishment or restroom breaks for periods up to the duration of a shift. • Wear a surgical face mask and toga for duration of a shift

Standard	Essential Function	Examples
Field or Industry Professional Standards	<ul style="list-style-type: none">• Criminal background check• CPR certification• Completion of required tests and screening• Move without mobility assisted devices (clinical site requirement)	<ul style="list-style-type: none">• Drug screening• Immunizations