



TECHNICAL STANDARDS

Diagnostic Medical Sonography Technical Standards

Students must meet the following technical standards throughout the duration of the program.

Students must be able to:

- Lift more than 50 pounds routinely.
- Push and pull routinely.
- Bend and stoop routinely.
- Have full use of hands, wrists and shoulders.
- Distinguish audible sounds.
- Adequately view sonograms, including color distinctions.
- Work standing on their feet 80% of the time.
- Interact compassionately and effectively with the sick or injured.
- Assist patients on and off examining tables.
- Communicate effectively with patients and other health care professionals.
- Organize and accurately perform the individual steps in a sonographic procedure in the proper sequence.

Radiological Technology/Radiography Technical Standards

Students must meet the following technical standards throughout the duration of the program.

Students must be able to:

- Push a portable x-ray machine through the hospital, accessing elevators and narrow areas in patient rooms.
- Assist a patient of 150 pounds on and off an x-ray table.
- Carry heavy x-ray cassettes (25 lbs.) and accessories as required.
- Visually examine and select x-ray techniques on the x-ray console.
- Orally communicate clearly to the patient being x-rayed and visually observe the patient's clinical status at all times.
- Clearly hear a patient calling for assistance from a minimum of 10 feet away.
- Stretch from a standing position to align an x-ray tube over the patient and x-ray table. (Approximately 6' from the floor to the x-ray tube).

Paramedic Technical Standards

Students must meet the following technical standards throughout the duration of the program.

Students must be able to:

- Communicate effectively via telephone and radio equipment
- Lift, carry and balance up to 125 pounds (250 pounds with assistance)
- Interpret oral, written and diagnostic form instructions
- Use good judgment and remain calm in high stress situations
- Be unaffected by loud noises and flashing lights
- Function efficiently without interruption throughout an entire work shift
- Calculate weight and volume ratios
- Read English language manuals and road maps
- Accurately discern street signs and addresses
- Interview patients, patient family members and bystanders
- Document, in writing, all relevant information in prescribed format, in light of legal ramifications of such
- Converse, in English, with coworkers and hospital staff with regard to the status of the patient
- Perform all tasks related to the highest quality patient care
- Bend, stoop and crawl on uneven terrain
- Withstand varied environmental conditions such as extreme heat, cold and moisture
- Work in low light situations and confined spaces
- Work with other providers to make appropriate patient care decisions

EMT Technical Standards

Students must meet the following technical standards throughout the duration of the program.

Students must be able to:

- Communicate effectively via telephone and radio equipment
- Lift, carry and balance up to 125 pounds (250 pounds with assistance)
- Interpret oral, written and diagnostic form instructions
- Use good judgment and remain calm in high stress situations
- Be unaffected by loud noises and flashing lights
- Function efficiently without interruption throughout an entire work shift
- Calculate weight and volume ratios
- Read English language manuals and road maps
- Accurately discern street signs and addresses
- Interview patients, patient family members and bystanders

- Document, in writing, all relevant information in prescribed format, in light of legal ramifications of such
- Converse, in English, with coworkers and hospital staff with regard to the status of the patient
- Perform all tasks related to the highest quality patient care
- Bend, stoop and crawl on uneven terrain
- Withstand varied environmental conditions such as extreme heat, cold and moisture
- Work in low light situations and confined spaces
- Work with other providers to make appropriate patient care decisions

Medical Assistant Technical Standards

Students must meet the following technical standards throughout the duration of the program.

Students must be able to:

- Maintain vision, hearing, and the appropriate ability to articulate the words necessary to observe and communicate effectively.
- Maintain the physical functions needed to respond appropriately to a patient's needs including: standing for long periods of time, twisting and bending at the waist, lifting heavy items, using fine motor skills and manual dexterity needed to operate instruments and equipment.

Surgical Technology Technical Standards

Students must meet the following technical standards throughout the duration of the program.

Students must be able to:

- Maintain vision, hearing, and the appropriate ability to articulate the words necessary to observe and communicate effectively in surgery
- Maintain the physical functions needed to respond appropriately to a patient's needs including: standing for long periods of time, holding retractors for long periods of time, twisting and bending at the waist, carrying and lifting heavy trays of instruments, pushing surgical carts and equipment, lifting heavy items, transferring patients to and from surgery, using fine motor skills and manual dexterity needed to operate surgical supplies, instruments, and equipment
- Exhibit meticulous attention to aseptic and sterile technique
- Demonstrate a technological intelligence to prepare surgical instruments, equipment, and supplies
- Present the anticipatory ability necessary to understand the surgeon's timely needs
- Demonstrate and apply the intellectual and emotional functions needed to exercise independent judgment and discretion in the performance of assigned responsibilities