



Medical Laboratory Science Program Technical Standards/Essential Functions

All students must read the technical standards and verify in writing that they believe they can meet all of the requirements listed. The signed document will be kept in their MLS program file.

The Technical Standards are the essential functions that represent the non-academic requirements of the Medical Laboratory Science (MLS) Program that all students must master to successfully participate in the program and become employable. All students, and therefore, all applicants are expected to:

- **Vision:** be able to read and interpret charts, graphs, and labels. Read and interpret instrument panels and printouts and record results. Discriminate colors, hue, shading or intensity and clarity. Be able to use a microscope to read biological material and identify elements microscopically.
- **Communication and Hearing:** be able to comprehend and communicate effectively in English, both verbally and in writing, with other students, faculty, staff, patients, and other professionals.
- **Physical, Fine and Gross Motor Skills:** handle flammable and hazardous chemicals and electrical equipment; handle potentially infectious biological materials; lift 20 pounds; operate equipment, manipulate tools, microscopes, and instruments. Maintain prolonged sitting or standing positions as well as be able to move freely from one location to another in the clinical laboratory setting. Possess all skills necessary to carry out diagnostic procedures including those that utilize fine motor skills, repetitive hand movements, turning and dialing knobs (such as for a microscope). Manipulate laboratory materials in order to complete tasks (such as pipette, measure and aliquot liquids). Safely grasp and release small objects. Must be able to handle needles and syringes and perform phlebotomy safely and accurately.
- **Safety:** be able to follow prescribed guidelines for working with hazardous materials and work with them safely, including mechanical, electrical, thermal, chemical, radiologic, and biological hazards. Must be able to recognize and respond to safety issues appropriately, including recognizing emergency situations and taking appropriate actions.
- **Emotional Stability:** possess the emotional health required for full utilization of applicant's intellectual abilities, and maintain emotional stability under pressure. Must have the emotional stability to function effectively under stress and be able to adapt to rapidly changing environments. Must be able to concentrate under pressure, multi-task, and complete assigned work within time constraints. Must be able to generate and maintain mature, sensitive, and effective relationships with patients, students, faculty, staff and other professionals under all circumstances, including highly stressful situations.
- **Critical Thinking:** be able to appropriately perform complex interpretative testing. Must be able to apply knowledge, skills, and values learned from previous coursework and life experiences to new situations.

Student Verification

I verify that I meet the Medical Laboratory Science Program's Technical Standards as indicated above.

Signature:

Date: