

Beaufort County Community College

Medical Laboratory Technology Technical Standards

Essential Functions

Essential functions are the non-academic standards that a student must be able to master, with or without reasonable accommodation, to participate successfully in the MLT program, graduate, and obtain entry-level employment. Each student must attest they can meet the following abilities and skills listed below before entry into the program.

Observation: The student must:

- Actively participate in all classroom and laboratory sessions including: demonstrations, lecture, student laboratory, and clinical practicums.
- Characterize color, odor, clarity, and viscosity of biological, reagents, or the products of chemical reactions.
- Possess functional use of the senses of smell, vision, and somatic sensation.
- Competently utilize a microscope to discern fine differences in structure and color.
- Recognize alarms, both visual and auditory.

Communication: The student must:

- Communicate effectively and sensitively, both orally and in writing, with all members of the healthcare team and/or patients.
- Read and comprehend written material such as textbooks, test materials, procedure manuals, instrument manuals, and safety/personnel policies.
- Transmit information clearly, accurately, and efficiently.
- Utilize a computer and/or electronic devices for instructional and laboratory related activities.

Physical and Motor skills: The student must:

- Be able to move freely about the laboratory.
- Possess gross and fine manual dexterity to perform a variety of laboratory techniques to include (but not limited to): Manipulation of a variety of types of pipettes, microscopes, specimen inoculation techniques, phlebotomy equipment, instrumentation, glass slides, and computer keyboard.
- Perform moderately taxing continuous physical work, including prolonged sitting and/or standing.
- Be able to reach laboratory benchtops and shelves.
- Be able to access patients in beds or seated in specimen collection chairs.

Behavioral and Social Skills: The student must:

- Possess the emotional health skills required for full utilization of intellectual abilities to include: exercising sound judgment, recognizing

emergency situations, working in a changing and stressful environment, and functioning independently in the face of uncertainties.

- Demonstrate the ability to follow directions/procedures with accuracy and precision.
- Demonstrate the ability to maintain intellectual and emotional stability and maturity.
- Possess the ability to manage time, organize workload, and meet deadlines
- Practice discretion and confidentiality.
- Adhere to safety guidelines to ensure safety of themselves and others.
- Function independently as well as part of a team.
- Be prepared to give and receive constructive feedback.

Intellectual, Conceptual, Integrative, and Quality Skills: The student must:

- Be able to measure, calculate, analyze, interpret, synthesize and evaluate data.
- Be able to prioritize based on the needs of the patient and/or situation.
- Use sufficient judgment to recognize and correct performance problems and problem solve unexpected outcomes/observations.
- Be able to determine when to seek supervisory help in a clinical setting.

Ethical Standards: The student must:

- Demonstrate professional demeanor and behavior.
- Demonstrate honesty and integrity.
- Be willing to admit to mistakes and take responsibility for one's own actions.
- Perform in an ethical manner in dealing with peers, faculty, staff, and patients.

This document is intended to serve as a guide regarding the physical, emotional, intellectual and psychosocial expectations placed on a student. This document cannot include every conceivable action, task, ability, or behavior that may be expected of a student. Meeting these technical standards does not guarantee a student's eligibility for any licensure, certification exam, or successful completion of a degree program.