

**YORK TECHNICAL COLLEGE
TECHNICAL STANDARDS FOR THE MEDICAL LABORATORY TECHNOLOGY
ASSOCIATE DEGREE PROGRAM**

ESSENTIAL FUNCTIONS OF A MEDICAL LABORATORY TECHNICIAN:

1. Collecting, processing, and analyzing biological specimens and other substances;
2. Performing analytical tests on body fluids, cells, and other substances;
3. Recognizing factors that affect procedures and results, and taking appropriate actions within predetermined limits when corrections are indicated;
4. Performing and monitoring quality control within predetermined limits;
5. Performing preventive and corrective maintenance of equipment and instruments or referring to appropriate source for repairs;
6. Applying principles of safety;
7. Demonstrating professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public;
8. Recognizing the responsibilities of other laboratory and health care personnel and interacting with them with respect for their jobs and patient care;
9. Applying basic scientific principles in learning new techniques and procedures;
10. Relating laboratory findings to common disease processes;
11. Establishing and maintaining continuing education as a function of growth and maintenance of professional competence;
12. Implementing emergency procedures and administering first aid, including CPR.

**MINIMUM QUALIFICATIONS NECESSARY TO PERFORM ESSENTIAL FUNCTIONS OF A STUDENT
IN THE MEDICAL LABORATORY ASSOCIATE DEGREE PROGRAM**

Physical Requirements: The position of Medical Laboratory Technician has been given a strength ratio of LIGHT WORK by the US Dictionary of Occupational Titles (exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force 2/3 or more of the time to move objects). The position involves walking, standing, and sitting for prolonged periods as well as stooping, bending, lifting, and carrying. The ability to operate and control equipment is necessary to include starting, stopping, adjusting, and observing gauges, dials, etc.

Data Conception: Requires the ability to gather, collate, or classify information about data, people, or things. Reporting and/or carrying out a prescribed action in relation to the information is frequently involved.

MINIMUM QUALIFICATIONS NECESSARY TO PERFORM ESSENTIAL FUNCTIONS OF A STUDENT IN THE MEDICAL LABORATORY ASSOCIATE DEGREE PROGRAM (Continued)

Visual Observation: The student must possess visual acuity sufficient to allow for each of the following:

1. Differentiation of colors and color changes during the performance of laboratory procedures. Color blindness, of itself, does not preclude admission.
2. Observation of patient conditions during phlebotomy procedures.
3. Differentiation and identification of specimens using microscopic techniques.
4. Reading lab instrument technical procedure manuals, standard operating procedures, specimen labels and other pertinent materials for patient care and professional practice.

Numerical Ability: Requires the ability to add, subtract, multiply, and divide all units of measure.

Form/Spatial Ability: Requires the ability to inspect dimensions of items and to visually read information and data.

Motor Functions: The student must possess motor and dexterity skills sufficient to permit each of the following:

1. Performance of venipuncture at the patient's bedside or at other designated locations.
2. Lift and handle typical hand-held medical laboratory equipment and tools.
3. Manipulate clinical laboratory instruments and equipment in a manner consistent with standards of medical laboratory practice.
4. Perform all routine functions and tasks required in the various departments of the medical laboratory.

Communication Skills: The student must possess verbal and non-verbal skills adequate for transmitting to and receiving information from patients and hospital personnel. The student must be able to read, write, speak and comprehend English with sufficient skill to communicate.

**MINIMUM QUALIFICATIONS NECESSARY TO PERFORM ESSENTIAL FUNCTIONS OF A STUDENT
IN THE MEDICAL LABORATORY ASSOCIATE DEGREE PROGRAM (Continued)**

Behavioral and Social Skills: The student must exhibit behavioral and social skills that are acceptable to the college and hospital settings. Student must be able to attend to work assignments and instructions/orders given.

Health Form: The student must submit a completed physical exam form before beginning first year classes and again before beginning clinical rotations in the second year.

***Physical Restriction:** An individual is constantly exposed to various forms of latex in the laboratory setting. Known and or developed latex allergy may result in a potential life-threatening situation.

Any student who feels s/he may need an accommodation based on the impact of a disability should contact the Special Resources Office (SRO) at 803-327-8007, located in the Student Services Building within the Counseling and Support Services Area. The SRO coordinates reasonable accommodations for students who self-identify their documented disability .