At the completion of this program, the student will be able to:

- Collect process and preserve blood and other body fluid samples.
- Perform and report laboratory tests in a variety of laboratory settings.
- Operate laboratory equipment and instruments, performing preventive and corrective maintenance as required.
- Identify pre-analytical, analytical, and post-analytical variables that affect procedures, instruments and results, and take appropriate corrective action.
- Perform mathematical functions as required by laboratory procedures.
- Perform and monitor quality assurance and quality control techniques.
- Practice laboratory safety and regulatory compliance.
- Perform information processing functions in the clinical laboratory.
- Apply laboratory results to diagnosis and treatment of clinical conditions and/or diseases.
- Communicate with colleagues and patients in a professional manner.
- Model professional behaviors, ethics, and appearance.
- Work effectively as a team member recognizing the comprehensive impact this has on health care.

Upon successful completion of the program, an Associate of Science Degree in Medical Laboratory Technology is awarded. Graduates are eligible to take the national certification examination for Medical Laboratory Technology offered by the American Society of Clinical Pathologists (ASCP) Board of Registry.

Program Requirements

The Medical Laboratory Technician program consists of didactic and campus laboratory courses designed to provide the student with entry-level knowledge and skills to perform clinical laboratory procedures in chemistry, hematology, microbiology, immunohematology, immunology, and phlebotomy. This training is enriched when the students will have the opportunity to apply previously acquired knowledge and skills in a supervised working environment. Clinical affiliate laboratories in and surrounding Quincy within an approximate 60-mile radius will be utilized for the clinical experience.

Potential Delays in Clinical Practicum Training: Clinical practicums are completed in hospital laboratory settings. Placement depends on availability of space in area hospitals which is often limited. Significant delays of up to twelve months may occur during this phase of training. Students must pass all MLT courses with a grade of ‘C’ or higher. Students who fail any MLT course with a grade of ‘C-’ or lower must retake that course. Students who fail and/or withdraw from two or more MLT courses will be disenrolled from the program. Essential Functions are the non-academic standards that a student must be able to master to participate successfully in the MLT program and become employable. Information is found in the student MLT Handbook: https://quincycollege.edu/mlt

Note: PHB 115/125 may be waived with proof of certification as a phlebotomist and a satisfactory skills assessment administered by a Quincy College faculty member.

Prerequisites: The courses listed below are required prior to application for admission to the MLT Program.

After completion of prerequisite course, students must successfully pass the HSAT exam. The HSAT Exam can be waived if a student has completed English Composition I and College Algebra with a C or better. Please refer to MLT handbook for complete admission requirements: https://quincycollege.edu/mlt

Total credits required for graduation: 71 credits

Admission to this program is competitive. Please refer to the MLT handbook for complete admission requirements: https://quincycollege.edu/mlt

*Indicates course requires the completion of a prerequisite.