

# MEDICAL LABORATORY TECHNICIAN, Associate in Science Degree - 3486

Health & Public Service Department

The Medical Laboratory Technician AS degree is designed to prepare a student for a career as a medical laboratory professional. The student acquires the technical expertise to perform a wide variety of laboratory tests that aid primary care providers in the diagnosis and treatment of disease. This program is fully accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Students must complete following after admission into, but prior to starting, the clinical portion of this program: physical examination and required immunizations, background checks (Pennsylvania Child Abuse History Clearance, FBI fingerprint check, and the Pennsylvania State Police Criminal Record Check), and drug and alcohol screenings. The student should consider this factor before enrolling in this program. If the student has any questions regarding this, he or she should contact the Program Director at (717) 780-1953. The complete program is available at the Harrisburg Campus.

*Selective Program:* Entry into this program is not guaranteed with admission to the College; specific admissions criteria must be met. Please go to the Health Careers website ([www.hacc.edu/healthcareers](http://www.hacc.edu/healthcareers)), or contact us by email at [start@hacc.edu](mailto:start@hacc.edu) for information on specific program entry requirements. **Students must be aware that even though the program begins in Fall, they begin classes for this major during the Summer terms.**

## Career Opportunities

Graduates of this program obtain positions as Medical Laboratory Technicians in acute care facilities, physician office laboratories, clinics, independent laboratories, business, industry, and veterinary offices.

## Competency Profile

This curriculum is designed to prepare students to:

- Work effectively with other hospital personnel
- Demonstrate the skills prescribed by laboratory professional organizations as MLT entry-level knowledge and skills expected of a new graduate upon successful completion of a formal educational program
- Successfully pass the national entry-level credentialing examination administered by certifying agencies of the profession
- Recognize how specialized training fits into the health care delivery system
- Write and speak effectively
- Appreciate accomplishments in the arts and sciences

## PROGRAM REQUIREMENTS (TOTAL CREDITS = 67)

General Education		Major Requirements		Other Required Courses	
ENGL 101 English Composition I	3	MLT 110 Introduction to Phlebotomy	2		
ENGL 102 English Composition II	3	MLT 120 Hematology & Coagulation	4		
COMM 101 Effective Speaking	3	MLT 122 Immunology & Molecular Biology	3		
Humanities & Arts Elective	3	MLT 124 Immunohematology	4		
Mathematics Elective	3	MLT 220 Clinical Microbiology I	4		
Mathematics <b>or</b> Science Elective - CHEM 100, 101 <b>or</b> 203	3 <b>or</b> 4	MLT 222 Clinical Chemistry	4		
Science w/ a Laboratory - BIOL 111 <b>or</b> 121	3 <b>or</b> 4	MLT 224 Urinalysis & Body Fluids	2		
Social & Behavioral Science Elective	3	MLT 226 Clinical Experience I	5		
First-Year-Seminar Elective - MLT 100	2	MLT 228 Clinical Experience II	5		
Wellness	1	MLT 230 Clinical Microbiology II	4		
	27	MLT 236 Clinical Laboratory Management	2		
		MLT 238 Clinical Capstone Project	1		
			40		

**Note:** A grade of C, or higher, is required for ENGL 102; BIOL 111 & 121; CHEM 100, 101 or 203; and all MLT courses.

## RECOMMENDED SEQUENCE FOR FULL-TIME STUDENTS

Part time students can complete this program by taking one or more courses each semester.

Summer I	Fall Semester I	Spring Semester I	Summer II	Fall Semester II	Spring Semester II
BIOL 111 <b>or</b> 121	3 <b>or</b> 4	CHEM 100, 101 <b>or</b> 203	3 <b>or</b> 4	MLT 120	4
		MLT 120	4	MLT 124	4
ENGL 101	3	ENGL 102	3	MLT 220	4
		MLT 100	2	MLT 222	4
		MLT 122	3	Wellness	1
				MLT 224	2
				MLT 230	4
				Humanities/Arts Elective	3
				MLT 226	5
				MLT 236	2
				Mathematics Elective	3
				MLT 228	5
				MLT 238	1
				Social/Behavioral Science Elective	3

