

MEDICAL LABORATORY TECHNICIAN, Associate in Science Degree - 3486

Health Careers Department

CIP Code: 51.1004

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. Students may complete 75% of the program at the Harrisburg Campus through on-campus/in-person instruction. The remaining coursework must be completed through various modalities (e.g., hybrid, synchronous remote instruction and asynchronous instruction).

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), or contact us by email at 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 term.**

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 expected MLT entry-level skillset prescribed by professional laboratory organizations
- 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

PROGRAM REQUIREMENTS (TOTAL CREDITS = 67)

General Education		Major Requirements	Other Required Courses
ENGL 101 English Composition I	3	MLT 100 Orientation to Medical Lab Tech	3
ENGL 102 English Composition II	3	MLT 120 Hematology & Coagulation	4
COMM 101 Effective Speaking (or)	3	MLT 122 Immunology & Molecular Biology	3
COMM 203 Interpersonal Communications	(3)	MLT 124 Immunohematology	4
Humanities & Arts Core Elective	3	MLT 220 Clinical Microbiology I	4
Mathematics Core Elective	3	MLT 222 Clinical Chemistry	4
Mathematics or Science Core Elective - CHEM 100, 101, 102 or 203	3 or 4	MLT 224 Urinalysis & Body Fluids	2
Science w/ a Laboratory Core Elective - BIOL 111 or 121	3 or 4	MLT 226 Clinical Experience I	5
Social & Behavioral Science Core Elective	3	MLT 228 Clinical Experience II	5
First-Year-Seminar Elective	1	MLT 230 Clinical Microbiology II	4
Wellness Elective	1	MLT 236 Clinical Laboratory Management	2
	26	MLT 238 Clinical Capstone Project	1
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Note: Students must complete the following courses with a minimum grade of C to graduate: BIOL 111, 121; CHEM 100, 101, 102 or 203; ENGL 101; 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 or 121	3 or 4	CHEM 100, 101, 102 or 203	3 or 4	MLT 124	4	ENGL 102	3	Humanities/Arts Elective	3	COMM 101 or 203	3
ENGL 101	3	MLT 100	3	MLT 220	4	MLT 224	2	MLT 226	5	MLT 228	5
		MLT 120	4	MLT 222	4	MLT 230	4	MLT 236	2	MLT 238	1
		MLT 122	3			Wellness Elective	1	Mathematics Core Elective	3	Social/Behavioral Science Core Elective	3
		FYS Elective	1								