

MEDICAL LABORATORY TECHNOLOGY

Degrees and Certificates

- Laboratory Phlebotomy, Short-Term Certificate

Code	Title	Credit Hours
CHEM-1020	Introduction to Organic Chemistry and Biochemistry ¹	4
MA-1020	Medical Terminology I	3
MATH-1410	Elementary Probability and Statistics I (or higher) ²	3
MLT-1000	Introduction to Medical Laboratory Technology	3
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
BIO-2331	Anatomy and Physiology I ³	4
MLT-1351	Problem Solving Techniques for the Medical Laboratory	2
MLT-1491	Urinalysis and Body Fluids	3
MLT-2461	Hematology	3
PHIL-1000	Critical Thinking	3
BIO-2500	Microbiology	4
MLT-2471	Immunohematology & Serology	5
MLT-2501	Clinical Chemistry	5
BIO-2341	Anatomy and Physiology II	4
MLT-2482	Clinical Microbiology	5
MLT-2990	Advanced MLT Applications	6
MLT-2940	Medical Laboratory Field Experience	3
MLT-2980	Professional Development and Life Skills	1

¹ Enrollment in CHEM-1020 Introduction to Organic Chemistry and Biochemistry requires students to have either achieved a sufficient score on Chemistry Placement Test or completed CHEM-1010 Introduction to Inorganic Chemistry with "C" or higher.

² Students who do not place into MATH-1410 Elementary Probability and Statistics I on assessment test must take MATH-0965 Intermediate Algebra as a prerequisite for this program. MATH-1800 Special Topics in Mathematics-MATH-1820 Independent Study/Research in Mathematics may not be used to meet this requirement.

³ Enrollment in BIO-2331 Anatomy and Physiology I requires either appropriate placement score on Biology Placement Test or a grade of "C" or higher in BIO-1100 Introduction to Biological Chemistry.

MATH-1140, MATH-1141, MATH-1200, MATH-1270, and MATH-1280 can no longer count towards fulfilling the college-level mathematics requirement. These courses were re-classified as developmental mathematics by the state of Ohio in 2016. Tri-C established a 5-year transitioning window for students who had completed these courses prior to 2016 to apply them towards meeting graduation requirements, which expired in Summer 2021. It is highly recommended to see a counselor to determine the appropriate math required for your current major.