

MEDICAL LABORATORY TECHNICIAN

Associate in Applied Science

Prescribed Technical Program	35
General Education	16
Medical Laboratory Technician Required Program Electives	10-14
Electives	0-4
Total Credits	61-69

Course	Title	Credits
1st Year		
Fall Semester		
General Education Requirements		
Written or Oral Communications		
ENGL 110	College Composition I (Required)	3
Arts & Humanities/Social & Behavioral Sciences		
General Education Matrix (Arts & Humanities/Social & Behavioral Sciences)		3
Business, Math, Science & Technology		
MATH 210	Elementary Statistics (Recommended) ^{2,3}	3
Medical Laboratory Technician Required Program Electives		
Select one of the following pairs:		4-5
CHEM 115 & 115L	Introductory Chemistry and Introductory Chemistry Lab ³	
CHEM 121 & 121L	General Chemistry I and General Chemistry I Lab ³	
Select one of the following pairs:		3-4
BIOL 220 & 220L	Anatomy and Physiology I and Anatomy and Physiology I Lab ^{3,4,5}	
MLS 102 & 102L	Human Structure and Function and Human Structure and Function Laboratory ³	
Credits		16-18
Spring Semester		
General Education Requirements		
Written or Oral Communications		
Select one of the following:		3
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
COMM 110	Fundamentals of Public Speaking (Recommended)	
Business, Math, Science & Technology		
MICR 202 & 202L	Introductory Microbiology and Introductory Microbiology Lab ³	4
Medical Laboratory Technician Required Program Electives		
Select one of the following:		3-5
CSCI 101	Introduction to Computers ³	
CHEM 116 & 116L	Introduction to Organic and Biochemistry and Introduction to Organic and Biochemistry Lab ^{3,4}	
Prescribed Technical Program Requirements		
MLS 101	Introduction to Medical Laboratory Science ³	1
MLS 105	Phlebotomy and Laboratory Procedures ^{1,3}	1
MLS 105L	Phlebotomy and Laboratory Procedures Laboratory ^{1,3}	1
Credits		13-15

2nd Year**Fall Semester****Prescribed Technical Program Requirements**

MLS 114	Urinalysis and Body Fluids ³	1
MLS 114L	Urinalysis and Body Fluids Laboratory ³	1
MLS 116	Clinical Parasitology and Mycology ³	1
MLS 116L	Clinical Parasitology and Mycology Laboratory ³	1
MLS 202	Immunology and Molecular Diagnostics ³	2
MLS 202L	Immunology and Molecular Diagnostics Laboratory ³	1
MLS 230	Clinical Chemistry ³	2
MLS 230L	Clinical Chemistry Laboratory ³	1
	Credits	10

Spring Semester**Prescribed Technical Program Requirements**

MLS 222	Hematology ³	3
MLS 222L	Hematology Laboratory ³	1
MLS 221	Hemostasis ³	1
MLS 242	Immunohematology ³	3
MLS 242L	Immunohematology Laboratory ³	1
MLS 250	Clinical Microbiology ³	2
MLS 250L	Clinical Microbiology Laboratory ³	2
	Credits	13

Summer Semester**Prescribed Technical Program Requirements**

MLS 216	Clinical Experience I ³	3
	Credits	3

3rd Year**Fall Semester****Prescribed Technical Program Requirements**

MLS 256	Clinical Experience II ³	5
MLS 257	MLT Seminar ³	1
Electives		
BIOL 221 & 221L	Anatomy and Physiology II and Anatomy and Physiology II Lab ^{3,4}	0-4
	Credits	6-10
	Total Credits	61-69

1

Students who possess an active PBT certification through American Society for Clinical Pathologists (ASCP) may receive Prior Learning Credit for these courses.

2

Any of the following courses will satisfy the 3 Math credits required: MATH 103, MATH 104, MATH 107, MATH 146, MATH 165, MATH 166, MATH 210.

3

Students are required to earn a 'C' or higher or 'T' (test credit) or 'S' (satisfactory) in each course noted for successful completion of the MLT program.

4

Recommended if student is considering pursuing Medical Laboratory Scientist (MLS) degree.

5

If BIOL 220/BIOL 220L are chosen, BIOL 221/BIOL 221L are required.

Prerequisites for entry into the Medical Laboratory Technician AAS include:

A certain level of English proficiency is necessary for academic success in the Medical Laboratory Technician program as well as for patient safety. In addition to general college English proficiency requirements, all applicants for whom English is not their native language (including International

and/or U.S. residents) or who have not attended 4 years of U.S. high school and achieved a HS GPA of 3.0 or higher must meet additional language proficiency requirements for admission to the Medical Laboratory Technician program.

Minimum TOEFL Scores for Admission to the Medical Laboratory Technician Program

English as a second language (ESL) applicants must achieve minimum scores on the TOEFL internet based test (TOEFL iBT) of:

Minimum Cumulative Score of:

- 86 Combined

AND Minimum Individual Score of:

- 26 in Speaking
- 20 in Writing
- 20 in Reading
- 20 in Listening

College Degree Requirements

General Education & Diversity Course Matrix Requirements