

Medical Laboratory Technician

Recommended Plan of Study 2023-2024

Associate of Applied Science

WNCC offers an Associate of Applied Science (AAS) in Medical Laboratory Technician (MLT). The AAS pathway requires 66.5 hours of credit – 49.5 credits of core MLT courses and 17 credits of general education requirements. In this program, students earn not only their AAS but their certificate in Phlebotomy, as well.

The MLT program is five (5) semesters in length, including one (1) summer terms.

AAS General Education Core 17 credits

Written Communication*	3 credits
Oral Communication	3 credits
Quantitative Reasoning*	4 credits
Lab Science	4 credits
Personal Development	3 credits

**Written Communication and Quantitative Reasoning course selections are dependent on writing and math proficiency based on assessment. Students should consult with their academic advisor about specific general education courses required.*

Core Program Requirements 49.5 credits

Total AAS Requirements 66.5 credits

Recommended Plan of Study

1st Semester (fall)

HLTH-1060	Medical Terminology	3
MATH-1010	Intermediate Algebra or Higher	4
MEDT-1005	Clinical Laboratory Operations	3
MEDT-1010	Fundamentals of Phlebotomy**	4
MEDT-1210	Practicum: Phlebotomy	2.5
Total Semester Credits		16.5

2nd Semester (spring)

Lab Science	Intro to A&P/Micro/Gen Chem 1	4
PRDV-1010	Achieving College Success	3
MEDT-1140	Clinical Hematology and Hemostasis	4
MEDT 1150	Clinical Immunohematology	4
	Total Semester Credits	15

3rd Semester (summer)

MEDT-2100	Clinical Microbiology I	3
MEDT-2110	Urinalysis & Body Fluids	3
MEDT-2120	Clinical Immunology	3
	Total Semester Credits	9

4th Semester (fall)

ENGL 1010	English Composition 1	3
SPCH 1200	Human Communication	3
MEDT-2130	Clinical Chemistry	4
MEDT-2160	Clinical Microbiology II	4
	Total Semester Credits	14

5th Semester (spring)

MEDT-2200	Practicum: Microbiology	2
MEDT-2225	Practicum: Chemistry	3
MEDT-2235	Practicum: Hematology	3
MEDT-2250	Practicum: Immunohematology	1

MEDT-2300	MLT Certification Examination Preparation Review	3
	Total Semester Credits	12

Total AAS Credits **66.5**

***Students who possess an active Phlebotomy Technician (PBT) certificate through the American Society for Clinical Pathology-Board of Certification (ASCP-BOC) may waive this course.*

Notes:

- Contact the Admissions Office to discuss the admissions program for MLT.
- Students should contact their academic advisor early in their WNCC career to determine an appropriate curriculum sequence, and discuss, if appropriate, a curriculum best suited to transfer goals.