



WNCC Medical Laboratory Technician

Associate of Applied Science Plan of Study

The Associate of Applied Science degree for the Medical Laboratory Technician program requires 78.5 credits, which includes 17 hours of general education requirements and 61.5 MLT program hours. In this program, students earn not only their AAS but their certificate in Phlebotomy, as well.

Program Requirements

AAS General Education Core **17 credits**

Class	Credits
Written Communication*	3
Oral Communication	3
Quantitative Reasoning*	4
Social or Lab Science (lab science required)	4
Personal Development	3

**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.*

MLT Core Courses **61.5 credits**

Total AAS Credits **78.5 credits**

Recommended Plan of Study

1st Semester (fall semester)	Credits
LPNR-1110 Body Structure and Function	4

HLTH-1060	Medical Terminology	3
INFO-1100	Microcomputer Applications	3
MEDT-1000	Introduction to Clinical Laboratory	2
MEDT-1010	Fundamentals of Phlebotomy*	4
MEDT-1210	Practicum: Phlebotomy	2.5
Total Credits		18.5

2nd Semester (spring semester)		Credits
MATH-1010	Intermediate Algebra (or higher)	4
MEDT-1005	Clinical Laboratory Operations	3
PRDV-1010	Achieving College Success	3
SPCH-1200	Human Communication	3
	Written Communication GE require	3
Total Credits		16

3rd Semester (summer - MLT Core Courses) Credits		
MEDT-2100	Clinical Microbiology I	3
MEDT-2110	Urinalysis & Body Fluids	3
MEDT-2120	Clinical Immunology	3
Total Credits		8

4th Semester (fall - MLT Core Courses)		Credits
MEDT-2130	Clinical Chemistry	4
MEDT-2140	Clinical Hematology & Hemostasis	4
MEDT-2150	Clinical Immunohematology	4
MEDT-2160	Clinical Microbiology II	4
Total Credits		16

5th Semester (spring- MLT Core Courses)		Credits
MEDT-2200	Practicum: Microbiology	3
MEDT-2230	Practicum: Chemistry	3
MEDT-2240	Practicum: Hematology	3

MEDT-2250	Practicum: Immunohematology	3
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Total Credits		12
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6th Semester (summer - MLT Core Courses) Credits

MEDT-2210	Practicum: Urinalysis	2
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MEDT-2220	Practicum: Immunology	2
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MEDT-2300	MLT Certification Examination	3
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Preparation Review

Total Credits		7
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Total AAS Credits		78.5
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**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.*