

Medical Laboratory Technician

Winona Campus

OVERVIEW

Medical Laboratory Technicians work as members of the healthcare team, performing laboratory procedures that aid in diagnosis and treatment of diseases.

Med Lab Techs:

- Perform blood and body fluid collections
- Analyze blood and other body fluids using high-tech instrumentation
- Match blood for transfusions
- Examine specimens for bacteria, parasites and other microorganisms

The Medical Laboratory Technician program at MSC Southeast in Winona is a two-year associate degree. Successful students demonstrate an interest in science and mathematics, accuracy, attention to detail, and ability to multi-task. The profession requires moral and intellectual integrity and a desire to contribute to quality healthcare.

The program consists of five semesters (two fall and spring semesters and one summer term). The program requires clinical experiences at a laboratory off campus, which may involve travel to a site in Minnesota, Wisconsin or Iowa. Completion of all required courses with a grade of “C” or better is necessary to continue with the program.

MAJORS WITHIN

Medical Laboratory Technician	AAS	67 credits
Phlebotomy	Certificate	9 credits

See back for program plans

NATIONAL EXAMINATION

Upon successful completion of the program the student will be eligible to apply for the American Society of Clinical Pathologist Board of Certification national examination.

In addition, students are eligible to transfer to the Minnesota St. Cloud State University Medical Laboratory Science MLT to Medical Laboratory Science (MLS) Program.



PROGRAM HIGHLIGHTS

Medical laboratory technicians work “behind the scenes” providing vital information for patient care.

The clinical experience allows students to explore different areas of the clinical laboratory

Our instructors are committed to student success

CAREER OPPORTUNITIES

- Hospitals
- Medical Clinics
- Reference Laboratories
- Public Health
- Industry
- Medical Research
- Product Sales

PROGRAM COSTS -

estimated cost including tuition, books and supplies

Med Lab Tech - AAS	\$15,057
Phlebotomy - Certificate	\$2,001

The MLT program is accredited through the:

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
 5600 N River Road, Suite 720
 Rosemount, IL 60018-5119
 Phone number 773-714-8880

Medical Laboratory Technician - Associate of Applied Science

Sample Program Plan

Medical Laboratory Technician - AAS

Course No.	Course Name	Credits
First Semester (Fall)		
BIOL 1200	Human Biology	4
CHEM 2518	General, Organic & Biochemistry I	4
MEDL 1100	Introduction to Laboratory Sciences	2
MEDL 1105	Phlebotomy	2
MEDL 1108	Medical Terminology	1
MEDL 1110	Urinalysis/Body Fluids	2
Semester total		15
Second Semester (Spring)		
PSYC 1110 or PSYC 1115	Introduction to Psychology OR Lifespan Development	3
MATH 1230	Introduction to Statistics	3
MEDL 1116	Immunology	3
MEDL 1121	Hematology 1	3
MEDL 1125	Coagulation	1
MEDL 1130	Clinical Chemistry 1	3
Semester total		16
Third Semester (Summer)		
ENGL 1215	College Writing	3
MEDL 2000	Introduction to Cellular and Molecular Diagnostics	3
Semester total		6
Fourth Semester (Fall)		
MEDL 2101	Clinical Microbiology	4
MEDL 2105	Hematology 2	3
MEDL 2110	Clinical Chemistry 2	3
MEDL 2125	Clinical Practicum 1	4
MnTC	Goal 6: Humanities	3
Semester total		17
Fifth Semester(Spring)		
MEDL 2115	Immunohematology	4
MEDL 2120	Advanced Microbiology	2
MEDL 2122	Basic Laboratory Management	1
MEDL 2126	Clinical Practicum 2	4
MEDL 2130	Clinical Practicum: Portfolio and Review	2
Semester total		13
Required Credits		67

Phlebotomy - Certificate

Course No.	Course Name	Credits
One Semester (Fall or Spring)		
PSYC1110	Intro to Psychology or PSYC1115 Lifespan Psychology	3
ENGL1020	College Communications	2
Semester total		5
TECHNICAL REQUIREMENTS		
MEDL1100	Introduction to Laboratory Sciences	2
MEDL1105	Phlebotomy	2
Semester total		4
Required Credits		9

Phlebotomy Certificate

Winona Campus

OVERVIEW

A short-term certificate in Phlebotomy can lead to a lifelong skill set in the field of healthcare.

For those seeking a short-term education pathway in health care careers, MSC Southeast offers a 9-credit certificate in Phlebotomy.

Phlebotomists:

- Draw blood for laboratory testing
- May work as lab assistants performing simple lab testing
- Process samples for laboratory testing

Having a certificate in Phlebotomy can be the beginning point for a career in Medical Laboratory Technician or be an advantage in many other healthcare professions.

You can complete the Phlebotomy Certificate in just one semester with a Fall or Spring semester start. Upon successful completion of the certificate you will be eligible to take the National Health Career Association Certified Phlebotomist exam.

According to the Bureau of Labor Statistics, employment of phlebotomists is projected to grow 23% from 2018 to 2028, much faster than the average for all occupations. Hospitals, diagnostic laboratories, blood donor centers, and other locations need phlebotomists to perform blood work.

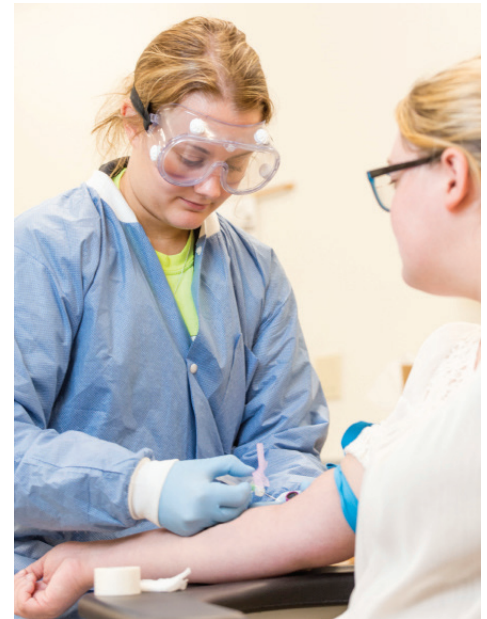
NATIONAL EXAMINATION

Upon successful completion of the certificate the student will be eligible to apply for the National Healthcareer Association Phlebotomy examination.

PROGRAM PLAN

Phlebotomy - Certificate

Course No.	Course Name	Credits
One Semester (Fall or Spring)		
PSYC1110	Intro to Psychology or	
	PSYC1115 Lifespan Psychology	3
ENGL1020	College Communications	2
Semester total		5
TECHNICAL REQUIREMENTS		
MEDL1100	Introduction to Laboratory Sciences	2
MEDL1105	Phlebotomy	2
Semester total		4
Required Credits		9



PROGRAM HIGHLIGHTS

Work directly with patients to provide vital information for their care

Students perform routine procedures in the classroom and in a clinical setting

Our instructors are committed to student success

CAREER OPPORTUNITIES

Hospitals
 Medical and diagnostic laboratories
 Blood donation services
 Outpatient care centers
 Physician's offices

**PROGRAM COSTS -
 estimated cost including tuition,
 books and supplies**

\$2,001