

## MEDICAL LABORATORY TECHNICIAN, A.A.S.

### Medical Laboratory Technician, A.A.S.

#### Overview

The Medical Laboratory Technician (MLT) program at Minnesota West is designed to prepare students for employment in the medical, clinical, research and public health laboratories. A MLT collects and/or receives patient specimens and performs general laboratory tests to aid physicians in the diagnosis and treatment of disease. The MLT program combines academic general education with a concentration in the basic sciences, didactic studies in medical laboratory science and clinical training (externship) in a hospital laboratory.

#### Locations

Granite Falls, Luverne

It is recommended that students enrolling in the Medical Laboratory Technician program have a science and math background. Student must submit physical form and vaccination records to Program Director. Criminal background checks will be conducted. Successful completion of all required course with a grade of C (75%) or better is necessary to graduate. Student must test into [MATH 0098](#) level.

Accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS), 5600 N. River Road - Suite 720, Rosemont, IL 60018-5119.

Course Number	Course Title	Credits
<b>Fall - Year 1</b>		
BIOL 1115	Human Biology	3
CHEM 1150	Survey of Chemistry	4
HC 1180	Medical Terminology in Healthcare	2
HC 1290	Healthcare & Society	1
MDLT 1100	Introduction to Laboratory Sciences	3
MDLT 1110	Laboratory Math Calculations	2
<b>Credits Fall - Year 1</b>		<b>15</b>
<b>Spring - Year 1</b>		
MDLT 1105	Medical Microbiology I	3
MDLT 1115	Biological Fluids	3
MDLT 1120	Immunology	3
MDLT 1125	Clinical Chemistry I	3
MDLT 1130	Hematology I	3
<b>Credits Spring - Year 1</b>		<b>15</b>
<b>Summer Session</b>		
<i>Humanity or Social/Behavioral/Science Elective</i>		5
<b>Credits Summer - Year 1</b>		<b>5</b>
<b>Fall - Year 2</b>		
MDLT 2101	Medical Microbiology II	3
MDLT 2106	Immunohematology	3
MDLT 2110	Clinical Chemistry II	2
MDLT 2120	Hematology II	3
ENGL1101	Composition I	3

Course Number	Course Title	Credits
	<b>Credits Fall - Year 2</b>	<b>15</b>
	<b>Spring - Year 2</b>	
MDLT 2320	Clinical: Hematology & Hemostasis	4
MDLT 2330	Clinical: Medical Microbiology	2
MDLT 2340	Clinical: Clinical Chemistry and Immunology	3
MDLT 2350	Clinical: Immunohematology	4
	<b>Credits Spring - Year 2</b>	<b>13</b>
	<b>Summer - Year 2</b>	
MDLT 2310	Clinical: Urinalysis/BIO Fluids	2
MDLT 2360	Capstone	1
MDLT 2370	Clinical: SIM Medical Microbiology	2
	<b>Credits Summer - Year 2</b>	<b>5</b>
	<b>TOTAL CREDITS</b>	<b>67</b>