# MEDICAL LABORATORY TECHNICIAN

## ASSOCIATE OF APPLIED SCIENCE (AAS) – 60 CREDITS

Program Plan — "Phlebotomy Certificate Bridge to MLT"

Locations: Moorhead

## 1st Fall Term (13 credits)

### Courses

| Course | Crds |
|---|---|
| BIOL2260 - Human Anatomy and Physiology I | 3 |
| BIOL2261 - Human Anatomy and Physiology I Lab | 1 |
| ENGL1101 - College Writing | 3 |
| MLT1109 - Phlebotomy Skills Lecture | 1 |
| MLT1116 - Basic Lab Techniques Lecture | 1 |
| MLT1117 - Basic Lab Techniques Lab | 1 |
| MLT1119 - Phlebotomy Skills Lab | 1 |
| MLT2350 - Professional Issues in Medical Laboratory Technology | 2 |

## 1st Spring Term (17 credits)

### Courses

| Course | Crds |
|---|---|
| BIOL2262 - Human Anatomy and Physiology II | 3 |
| BIOL2263 - Human Anatomy and Physiology II Lab | 1 |
| CHEM1100 - Fundamental Concepts of Chemistry | 3 |
| ENGL1215 - Writing for the Workplace | 3 |
| MLT1216 - Hematology | 2 |
| MLT1217 - Hematology Lab | 1 |
| MLT1227 - Biological Fluids | 1 |
| MLT1228 - Biological Fluids Lab | 1 |
| MLT2316 - Immunology | 1 |
| MLT2317 - Immunology Lab | 1 |

## 2nd Fall Term (15 credits)

### Courses

| Course | Crds |
|---|---|
| MLT1124 - Immunohematology | 3 |
| MLT1125 - Immunohematology Lab | 1 |
| MLT1131 - Laboratory Calculations Lecture | 1 |
| MLT2131 - Diagnostic Chemistry | 3 |
| MLT2132 - Diagnostic Chemistry Lab | 1 |
| MLT2151 - Introduction to Molecular Diagnostics | 1 |
| MLT2266 - Diagnostic Microbiology | 3 |
| MLT2268 - Diagnostic Microbiology Lab | 2 |

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## 2nd Spring Term (15 credits)

### Courses

| Course | Crds |
|---|---|
| MLT2223 - Clinical Urinalysis and Body Fluids | 2 |
| MLT2224 - Clinical Immunohematology | 3 |
| MLT2227 - Clinical Chemistry and Immunology | 3 |
| MLT2231 - Clinical Microbiology | 3 |
| MLT2232 - Clinical Hematology and Coagulation | 3 |
| MLT2346 - Clinical Applications | 1 |

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