**PREREQUISITES**

<table>
<thead>
<tr>
<th>√</th>
<th>Course#</th>
<th>Course Name</th>
<th>Cr.</th>
<th>Pre-requisites/ Co-requisites</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CSS-103</td>
<td>College Success Strategies</td>
<td>3</td>
<td>MAT-035 with a grade of “C” or better or higher math; COM-098 or EAP-050 and EAP-060</td>
<td>All &amp; OL</td>
</tr>
<tr>
<td></td>
<td>MAT-110</td>
<td>Intermediate Algebra</td>
<td>3</td>
<td>MAT-030 (recommended), MAT-032, MAT-034, or MAT-035 with “C” or better, or any higher-level math COM-098 (or satisfactory placement test score) OR EAP-050 and EAP-060</td>
<td>All</td>
</tr>
<tr>
<td></td>
<td>CHE-120</td>
<td>Principles of Chemistry</td>
<td>4</td>
<td>MAT-020 with “C” or better or placement by assessment COM-098 (or sufficient placement test score) or EAP-050 and EAP-060</td>
<td>Fall/Sp</td>
</tr>
<tr>
<td></td>
<td>BIO-140</td>
<td>Essentials of Biology OR</td>
<td>4</td>
<td>COM-098 (or appropriate score on placement test) OR EAP-050 and EAP-060</td>
<td>All</td>
</tr>
<tr>
<td></td>
<td>BIO-150</td>
<td>Biology I</td>
<td>4</td>
<td>COM-098 (or appropriate score on placement test) OR EAP-050 and EAP-060</td>
<td>All</td>
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**SEMESTER I – Fall (18 credits)**

<table>
<thead>
<tr>
<th>√</th>
<th>Course#</th>
<th>Course Name</th>
<th>Cr.</th>
<th>Pre-requisites/ Co-requisites</th>
<th>Semesters</th>
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<tbody>
<tr>
<td></td>
<td>COM-121</td>
<td>English Composition I</td>
<td>3</td>
<td>COM-098 or EAP-050 and EAP-060 with grades of “C” or better</td>
<td>All/OL</td>
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<tr>
<td></td>
<td>BIO-250</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
<td>BIO-140 (recommended) or BIO-150 with a “C” or better</td>
<td>All</td>
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<tr>
<td></td>
<td>MLT-110</td>
<td>Introduction to the Clinical Laboratory</td>
<td>1</td>
<td>COM-098 or EAP-050 and EAP-060; MAT-020</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td>CHE-150</td>
<td>Chemistry I</td>
<td>4</td>
<td>CHE-120 or high school chemistry with a “C” or better, MAT-110 with a “C” or better</td>
<td>Fall</td>
</tr>
<tr>
<td></td>
<td>MAT-210</td>
<td>Statistics</td>
<td>3</td>
<td>MAT-030, MAT-032, or MAT-035 with a “C” or better; COM-098 or EAP-050 and EAP-060</td>
<td>All/OL</td>
</tr>
<tr>
<td></td>
<td>IFT-110</td>
<td>Microcomputer Applications</td>
<td>3</td>
<td>MAT-020; COM-098 or EAP-050 and EAP-060</td>
<td>All/OL</td>
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</table>

**SEMESTER 2 – Spring (16 credits)**

<table>
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<th>Course#</th>
<th>Course Name</th>
<th>Cr.</th>
<th>Pre-requisites/ Co-requisites</th>
<th>Semesters</th>
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<tbody>
<tr>
<td></td>
<td>COM-151</td>
<td>Fundamentals of Speech or Technical Writing</td>
<td>3</td>
<td>COM-098 or EAP-050 and EAP-060</td>
<td>All/OL</td>
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<tr>
<td></td>
<td>COM-141</td>
<td>Anatomy &amp; Physiology II</td>
<td>4</td>
<td>BIO-250 with a “C” or better</td>
<td>All</td>
</tr>
<tr>
<td></td>
<td>BIO-255</td>
<td>Basic Immunology</td>
<td>3</td>
<td>Advanced biology within 5 years or BIO-140 or higher; COM-097 or EAP-020 and EAP-040</td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td>MLT-120</td>
<td>Clinical Implication of Lab Tests</td>
<td>1</td>
<td>COM-098 or EAP-060 and EAP-050</td>
<td>Spring</td>
</tr>
<tr>
<td></td>
<td>CHE-250</td>
<td>Organic Chemistry I</td>
<td>4</td>
<td>CHE-150 with a “C” or better</td>
<td>Spring</td>
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<tr>
<td></td>
<td>CHE-251</td>
<td>Chemistry of Biomolecules</td>
<td>1</td>
<td>BIO-150 or advanced high school biology; co-req. CHE-250 or CHE-270</td>
<td>Spring</td>
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**SEMESTER 3 – Fall (16 credits)**

<table>
<thead>
<tr>
<th>√</th>
<th>Course#</th>
<th>Course Name</th>
<th>Cr.</th>
<th>Pre-requisites/ Co-requisites</th>
<th>Semesters</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CHE-260</td>
<td>Theory of Chemical Instrumentation</td>
<td>2</td>
<td>CHE-150</td>
<td>Fall</td>
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<tr>
<td></td>
<td>BIO-280</td>
<td>Microbiology</td>
<td>4</td>
<td>BIO-140 or BIO-150 with a “C” or better; CHE-120 or high school chemistry with a “C” or better; COM-098 or EAP-050 and EAP-060</td>
<td>All</td>
</tr>
<tr>
<td></td>
<td>MLT-211</td>
<td>Clinical Laboratory Techniques</td>
<td>4</td>
<td>MLT-120 and admission to the clinical portion of the MLT program</td>
<td>Fall</td>
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<tr>
<td></td>
<td>PHI-271 or PHI-275</td>
<td>Introduction to Philosophy Introduction to Ethics</td>
<td>3</td>
<td>COM-121 or COM-122</td>
<td>All/OL</td>
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<tr>
<td></td>
<td>SOC-130 or PSY-130</td>
<td>Sociology or General Psychology</td>
<td>3</td>
<td>COM-098 or EAP-050 and EAP-060</td>
<td>All/OL</td>
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**INTERIM JANUARY SESSION (2 credits)**

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<th>Semesters</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MLT-222</td>
<td>Clinical Urinalysis</td>
<td>1</td>
<td>MLT-211; co-req. MLT-223</td>
<td>Interim</td>
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<tr>
<td></td>
<td>MLT-233</td>
<td>Clinical Serology</td>
<td>1</td>
<td>MLT-211; co-req. MLT-222</td>
<td>Interim</td>
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Date created: September 2020
Updated: May 2023
OL = Online
Program: Medical Laboratory Technician (68 credits)  
Division: Health Professions

Please visit our Enrollment Information page for details on the Selective Admissions process for the Medical Laboratory Technician program.

Catalog Year: 2023-2024

<table>
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<th>Semesters</th>
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<tbody>
<tr>
<td></td>
<td>MLT-220</td>
<td>Clinical Hematology/Coagulation</td>
<td>4</td>
<td>MLT-211; co-req MLT-221, MLT-230, MLT-231</td>
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<tr>
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<td>MLT-221</td>
<td>Clinical Chemistry</td>
<td>4</td>
<td>MLT-211; co-req MLT-220, MLT-230, MLT-231</td>
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<tr>
<td></td>
<td>MLT-230</td>
<td>Clinical Blood Banking &amp; Immunology</td>
<td>4</td>
<td>MLT-211; co-req MLT-220, MLT-221, MLT-231</td>
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</tr>
<tr>
<td></td>
<td>MLT-231</td>
<td>Clinical Microbiology</td>
<td>4</td>
<td>MLT-211; co-req MLT-220, MLT-221, MLT-230</td>
<td>Spring</td>
</tr>
</tbody>
</table>

Date created: September 2020  
Updated: May 2023  
All = Fall/Spring/Summer  
OL = Online