Medical Laboratory Technology Courses

Award: Associate of Applied Science (AAS)
Required number of credits: 81
Program Start: Fall, Spring

Required Background Screenings to Participate in Clinicals
As a student in a health program at Hawkeye Community College you will be required to complete:

- a criminal background check,
- sex offender registry,
- child abuse registry, and
- dependent adult registry.

The outcome could possibly affect your opportunities to participate in the clinical setting.

Program Notes
- Students must achieve a minimum "C" grade in all courses required to complete the program.
- Applicants meeting the general admission requirements may take the courses below marked with an asterisk (*) prior to full acceptance to the Medical Laboratory Technology program.

2016–2017 Suggested Sequence of Study and Course Cost
The Medical Laboratory Technology program requires a mix of general education and hands-on courses. The following list of courses is the suggested sequence of study for a full-time student.

When registering for classes refer to your Program Evaluation/Degree Audit to see your specific program requirements and ensure proper registration.

Courses are subject to change.

- General Education courses
- Non-Transfer Gen Ed
- Course has a prerequisite and/or corequisite. See the course description for more details.

<table>
<thead>
<tr>
<th>Semester 1 – Fall</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO163</td>
<td>Essentials of Anatomy and Physiology</td>
</tr>
<tr>
<td>CHM122</td>
<td>Introduction to General Chemistry ♦</td>
</tr>
<tr>
<td>MLT101</td>
<td>Introduction to Lab Science *</td>
</tr>
<tr>
<td>PSY111</td>
<td>Introduction to Psychology -OR-</td>
</tr>
<tr>
<td>SOC110</td>
<td>Introduction to Sociology</td>
</tr>
<tr>
<td>SPC101</td>
<td>Fundamentals of Oral Communication</td>
</tr>
</tbody>
</table>

View Course Descriptions

Total Credits 16

Program Contacts

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Dean
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### Semester 2 – Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BIO113</td>
<td>General Biology II -OR-</td>
<td>4</td>
</tr>
<tr>
<td>CHM132</td>
<td>Introduction to Organic and Biochemistry ▶</td>
<td>4</td>
</tr>
<tr>
<td>BIO186</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>ENG105</td>
<td>Composition I ▶</td>
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<tr>
<td>HSC113</td>
<td>Medical Terminology *</td>
<td>2</td>
</tr>
<tr>
<td>MLT103</td>
<td>Lab Mathematics *</td>
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</tr>
<tr>
<td>MLT120</td>
<td>Urinalysis *</td>
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</table>

**Total Credits 19**

### Semester 3 – Summer

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>MLT110</td>
<td>Fundamental Lab Techniques *</td>
<td>3</td>
</tr>
<tr>
<td>MLT130</td>
<td>Hematology ▶</td>
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</tr>
<tr>
<td>MLT250</td>
<td>Clinical Microbiology ▶</td>
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</tbody>
</table>

**View Course Descriptions**  
**Total Credits 10**

### Semester 4 – Fall

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MLT230</td>
<td>Advanced Hematology ▶</td>
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<tr>
<td>MLT233</td>
<td>Hemostasis and Thrombosis ▶</td>
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<tr>
<td>MLT240</td>
<td>Clinical Chemistry I ▶</td>
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<tr>
<td>MLT252</td>
<td>Parasitology *</td>
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<td>MLT260</td>
<td>Immunohematology ▶</td>
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<tr>
<td>MLT270</td>
<td>Immunology and Serology ▶</td>
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**View Course Descriptions**  
**Total Credits 19**

### Semester 5 – Spring

<table>
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<th>Course Code</th>
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<tbody>
<tr>
<td>MLT285</td>
<td>Clinical Practicum: Chemistry ▶</td>
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</tr>
<tr>
<td>MLT287</td>
<td>Clinical Practicum: Hematology ▶</td>
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</tr>
<tr>
<td>MLT288</td>
<td>Clinical Practicum: Microbiology ▶</td>
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</tbody>
</table>

**View Course Descriptions**  
**Total Credits 12**

### Semester 6 – Summer

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<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------------------------------------------</td>
</tr>
<tr>
<td>MLT283</td>
<td>Clinical Practicum: Urinalysis</td>
</tr>
<tr>
<td>MLT284</td>
<td>Clinical Practicum: Immunohematology</td>
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<tr>
<td>MLT286</td>
<td>Clinical Practicum: Immunology and Serology</td>
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<tr>
<td>MLT291</td>
<td>Lab Survey and Review</td>
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Total Credits 5