

Medical Laboratory Technology AAS Degree Courses

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|-------------------------|------------------------------------|
| Award | Associate of Applied Science (AAS) |
| Credits | 81 |
| Program Start | Fall, Spring |
| Time to Complete | 2 years |

As a student in a health program at Hawkeye Community College, and to participate in clinicals, you will be required to complete the following screenings: 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.

2024–2025 Suggested Sequence of Study

The following suggested sequence of study is for new full-time students starting the program Fall 2024 or Spring 2025. Part-time students should visit with a program advisor for a modified sequence of study.

When registering for classes refer to **Self-Service > Student Planning** to view your specific program requirements, your progress, and ensure proper registration.

Courses are subject to change.

- ◆ General education course.
- ▶ Course has a prerequisite and/or corequisite.
- ★ Program specific courses applicants meeting the general admission requirements may take prior to full acceptance to the Medical Laboratory Technology program.

Students must achieve a minimum C- grade in all courses required to complete the program.

Additional prerequisite coursework is required for program acceptance. See Admissions Requirements for more information.

Term 1 — Fall

| | | | |
|---------|--------------------------------------|---|-----|
| BIO-163 | Essentials of Anatomy and Physiology | | 4 |
| CHM-122 | Introduction to General Chemistry ▶ | | 4 |
| MLT-101 | Introduction to Lab Science | ★ | 2 |
| PSY-111 | Introduction to Psychology OR | | 3 ◆ |
| SOC-110 | Introduction to Sociology | | 3 ◆ |
| SPC-101 | Fundamentals of Oral Communication | | 3 |

Total Credits 16

Term 2 — Spring

| | | | | |
|---------|--|---|---|---|
| BIO-113 | General Biology II OR | | 4 | ◆ |
| CHM-132 | Introduction to Organic and Biochemistry ▶ | | 4 | ◆ |
| BIO-186 | Microbiology | | 4 | |
| ENG-105 | Composition I ▶ | | 3 | |
| HSC-113 | Medical Terminology | ★ | 2 | |
| MLT-103 | Lab Mathematics | ★ | 3 | |
| MLT-120 | Urinalysis | ★ | 3 | |

Total Credits 19

Term 3 — Summer

| | | | | |
|---------|----------------------------|---|---|--|
| MLT-110 | Fundamental Lab Techniques | ★ | 3 | |
| MLT-130 | Hematology ▶ | ★ | 3 | |
| MLT-250 | Clinical Microbiology ▶ | | 4 | |

Total Credits 10

Term 4 — Fall

| | | | | |
|---------|-----------------------------|---|---|--|
| MLT-230 | Advanced Hematology ▶ | ★ | 3 | |
| MLT-233 | Hemostasis and Thrombosis ▶ | | 2 | |
| MLT-240 | Clinical Chemistry I ▶ | | 7 | |
| MLT-252 | Parasitology | ★ | 1 | |
| MLT-260 | Immunochemistry ▶ | | 4 | |
| MLT-270 | Immunology and Serology ▶ | | 2 | |

Total Credits 19

Term 5 — Spring

| | | | | |
|---------|------------------------------------|--|---|--|
| MLT-285 | Clinical Practicum: Chemistry ▶ | | 4 | |
| MLT-287 | Clinical Practicum: Hematology ▶ | | 4 | |
| MLT-288 | Clinical Practicum: Microbiology ▶ | | 4 | |

Total Credits 12

Term 6 — Summer

| | |
|---|---|
| MLT-283 Clinical Practicum: Urinalysis ▶ | 1 |
| MLT-284 Clinical Practicum: Immunohematology ▶ | 2 |
| MLT-286 Clinical Practicum: Immunology and Serology ▶ | 1 |
| MLT-291 Lab Survey and Review ▶ | 1 |

Total Credits 5