MEDICAL LABORATORY TECHNICIAN

66 CREDITS | ASSOCIATE IN APPLIED SCIENCE

Lake Region State College



BEFORE YOUR FIRST FALL SEMESTER

Apply to LRSC as Pre-MLT.
MLT application opens: December 5
Apply to the MLT program
Early deadline: February 1
Notifications begin: March 1

DURING YOUR FALL SEMESTER

Start your online fall courses.
Final MLT application deadline: October 1
Applications may remain open if space is available.

DURING YOUR SPRING SEMESTER

Accepted students begin spring MLT courses, including in-person laboratory training one day per week.

YEAR 1 BUILD YOUR FOUNDATION

YEAR 1 • FALL

15 credits | Fully online

COURSE	CREDITS
UNIV 101: Introduction to College Life	1
ENGL 110: College Composition I	3
MATH 103: College Algebra*	3
CHEM 115: Introduction to Chemistry	3
BIOL 220: Anatomy & Physiology I	4
MLS 101: Introduction to Medical Laboratory Science	1
MLS 226: Clinical Immunology	2

*CHEM 121 may replace CHEM 115. Qualifying math alternatives: MATH 105, 107 or 210.

YEAR 1 • SPRING

16 credits | Online + in-person lab

COURSE	CREDITS
COMM 110: Fundamentals of Public Speaking	1
BIOL 221: Anatomy & Physiology II	4
MLS 220: Clinical Laboratory Operations	3
MLS 222: Clinical Hematology & Hemostasis I	4
MLS 112: Introduction to Molecular Diagnostics	1

Attend laboratory 1 day per week.
You must be accepted into the MLT Program before starting these spring MLT courses.

SUMMER • YOUR FLEXIBLE BREAK

No required courses. You may take general education courses in summer to lighten future semesters.

YEAR 2

GAIN EXPERIENCE. MAKE AN IMPACT.

YEAR 2 • FALL

18 credits | Online + in-person lab

COURSE	CREDITS
FIRST 8 WEEKS	
MLS 250: Clinical Microbiology I	4
MLS 114: Clinical Urinalysis & Body Fluids I	3
SECOND 8 WEEKS	
MLS 242: Clinical Immunochematology I	4
MLS 230: Clinical Chemistry I	4
GENERAL EDUCATION	
Humanities or Social Science	3

Attend laboratory 2 days per week. General education recommendations: PSYC 111 or SOC 110.

YEAR 2 • SPRING

14 credits | Clinical rotations

COURSE	CREDITS
MLS 234: Clinical Chemistry & Urinalysis II	2
MLS 224: Clinical Hematology & Hemostasis II	2
MLS 244: Clinical Immunohematology II	2
MLS 254: Clinical Microbiology II	2
MLS 260: Professional Issues in Medical Laboratory Sciences	3
Humanities or Social Science	3

Learn in hospital laboratories. Complete clinical rotations alongside your final-semester coursework.

HOW HANDS-ON LEARNING WORKS

IN-PERSON LABS

In-person labs: Learn how to use laboratory equipment and practice testing in a student lab. Attend 1 day per week during your first spring semester and 2 days per week during your second fall semester.

CLINICAL ROTATIONS

Clinical rotations: In your final spring semester, learn in hospital laboratories under the supervision of clinical professionals. Put your skills to work in a patient-care setting.

READY TO PLAN YOUR PATH?

Your MLT journey starts in the fall, with hands-on labs beginning in spring. Heather can help you navigate both applications, enroll in the right courses and build a lab schedule that works for you. Interested in gaining experience while you learn? Ask about apprenticeship opportunities.

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