



MEDICAL LABORATORY TECHNOLOGY

66 credit Associate of Applied Science

THE PROGRAM

Lake Region State College's Medical Laboratory Technician (MLT) program prepares students for a vital role in the healthcare team. Combining online instruction with hands-on laboratory experience. Students develop the skills to perform, evaluate, and ensure the accuracy of laboratory testing, while supporting the diagnosis and treatment of patients. MLTs gain expertise in collecting, processing, and analyzing biological specimens, performing assays, troubleshooting, and applying quality assessment practices across all major areas of the clinical laboratory.

Medical laboratory professionals are in high demand in hospitals, clinics, and reference laboratories. This two-year AAS degree offers a fast-paced, career-focused pathway into the healthcare field for individuals eager to make a difference in patient care.

This program must be started in the Fall semester (no spring or summer admission).

LRSC's Medical Laboratory Technician program prepares students to sit for national certification exams and state licensure. Students will be eligible to sit for the American Society for Clinical Pathology (ASCP) or American Medical Technologists (AMT) certification exams.

\$540k

in scholarships are awarded annually.

MLT PROGRAM

12:1

Student-to-Faculty Ratio

ADVISOR/TRIO & POWERSKILLS

Our Allied Health Specialist will assist you with program preparation and advisement. The TRIO & PowerSkills department is available for advising, tutoring, proctoring, and disability services.



Apprenticeship may be available. LRSC's program combines on-the-job training with academic coursework. Students work with a mentor and complete classes online or at their workplace. Through the "Earn & Learn" model, technical courses are front-loaded, and credit may be granted for prior certifications and experience.

CONTACT

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MEDICAL LABORATORY TECHNICIAN

66 CREDIT DEGREE PROGRAM

*STUDENTS ARE REQUIRED TO BEGIN THE PROGRAM IN THE FALL SEMESTER

Fall Semester I		Credits
UNIV 101: Introduction to College Life		1
ENGL 110: College Composition I		3
CHEM 115: Introduction Chemistry*		4
<i>*CHEM 121(General Chemistry I) can be substituted for CHEM 115</i>		
BIOL 220: Anatomy & Physiology I		4
MLS 101: Introduction to Medical Laboratory Science		1
MATH 103: College Algebra**		3
<i>**Other qualifying general education MATH courses can be substituted (MATH 105, 107, 210)</i>		
MLS 226: Clinical Immunology		2
Total Semester Credits		18
Spring Semester I		
COMM 110: Fundamentals of Public Speaking		3
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		2
Total Semester Credits		16
Fall Semester II		
MLS 250: Clinical Microbiology I		4
MLS 230: Clinical Chemistry I		4
MLS 114: Clinical Urinalysis & Body Fluids I		3
Humanities or Social Science: Any Qualifying General Education Course		3
<i>Recommended: PSYC 111, SOC 110</i>		
MLS 242: Clinical Immunohematology I		4
Total Semester Credits		18
Spring Semester II		
Humanities or Social Science: Any Qualifying General Education Course		3
<i>Recommended: PSYC 111, SOC 110</i>		
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
Total Semester Credits		14
Total Credits		66