

CLINICAL LABORATORY TECHNOLOGY (MEDICAL LABORATORY TECHNICIAN): AAS

complete a civics examination. Information on who is eligible for a waiver can be found on the STLCC website (<https://stlcc.edu/programs-academics/missouri-civics-exam.aspx>).

PLEASE NOTE: If you originally enrolled at STLCC prior to Fall 2024, you may need to view an archived catalog (<https://www.stlcc.edu/programs-academics/course-catalog/>) for your correct program requirements. Please speak with an advisor or the program coordinator for more information.

Full-Time Academic Plan

Missouri Civics Examination. Students entering college for the very first time in fall 2019 and who intend to complete an associate's degree must successfully

| Code | Title | Hours | Prerequisites | Milestones/Notes |
|-------------------|--|-----------|---|------------------|
| First Year | | | | |
| Fall | | | | |
| BIO 207 | Anatomy and Physiology I (MOTR LIFS 150LAP) | 4 | BIO 111 or BIO 140 or CHM 101 with a minimum grade of "C", or college-level course equivalent, and Reading Proficiency | |
| ENG 101 | College Composition I (MOTR ENGL 100) | 3 | Placement score or ENG 030 or ENG 070 with a grade of "C" or better or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079 | |
| CLT 100 | Orientation to the Medical Laboratory | 1 | Admission to program and Reading Proficiency | |
| CLT 101 | Medical Microbiology | 3 | Admission to program and Reading Proficiency | |
| CLT 110 | Urinalysis and Body Fluids | 2 | Admission to the program or permission of the program director and Reading Proficiency | |
| CHM 101 | Fundamentals of Chemistry I (MOTR CHEM 100L) | 5 | MTH 140S with a minimum grade of "C" or higher, or placement into MTH 140 or higher, and Reading Proficiency | |
| | Credit Hours | 18 | | |
| Spring | | | | |
| CLT 111 | Hematology and Coagulation | 4 | CLT 100 with a minimum grade of "C" or permission of the program director, and Reading Proficiency | |
| CLT 113 | Pathogenic Bacteriology | 2 | CLT 101 with a minimum grade of "C" or permission of the program director, and Reading Proficiency | |
| CLT 115 | Immunology and Serology | 2 | CLT 101 with a minimum grade of "C" and Reading Proficiency | |
| BIO 208 | Anatomy and Physiology II | 4 | BIO 207 with a minimum grade of "C" and Reading Proficiency | |
| MTH 140 | Intermediate Algebra (or MTH 140S or higher) | 3 | Satisfactory placement and Reading Proficiency | |
| | Credit Hours | 15 | | |

| Summer | | | | |
|--------------------|--|-----------|---|----------------------|
| CLT 120 | Clinical Laboratory Skill Development | 4 | CLT 110, CLT 111, CLT 113, CLT 115 all with minimum grades of "C" and Reading Proficiency | |
| ENG 102 or 103 | College Composition II (MOTR ENGL 200) or Report Writing (MOTR ENGL 110) | 3 | ENG 101 with a minimum grade of "C" and Reading Proficiency | |
| | Credit Hours | 7 | | |
| Second Year | | | | |
| Fall | | | | |
| CLT 211 | Parasites, Fungi and Intracellular Pathogens | 2 | CLT 101 with a minimum grade of "C" or permission of program director, and Reading Proficiency | |
| CLT 213 | Introduction to Clinical Chemistry | 2 | BIO 208, CHM 101 or CHM 105, CLT 100, MTH 140 (or MTH 140S) or MTH 160 (or MTH 160S), all with minimum grades of "C" or permission of program director, and Reading Proficiency | |
| CLT 202 | Clinical Practice I | 4 | CLT 120 with a minimum grade of "C" and Reading Proficiency | |
| CLT 215 | Immunoematology | 4 | CLT 115 with minimum grade of "C" or permission of program director, and Reading Proficiency | |
| XXX xxx | Health and Wellness Elective (http://catalog.stlcc.edu/course-descriptions/courses/hw/) | 1 | | |
| | Credit Hours | 13 | | |
| Spring | | | | |
| CLT 219 | Professional Skills Seminar | 1 | CLT 202 with a grade of "S" or permission of the program director and Reading Proficiency | Apply for graduation |
| CLT 217 | Clinical Chemistry | 5 | CLT 213 with a minimum grade of "C" or permission of program director, and Reading Proficiency | |
| CLT 207 | Clinical Practice II | 4 | CLT 202 with a grade of "S" and Reading Proficiency | |
| XXX xxx | Social & Behavioral Sciences: Civics Requirement (http://catalog.stlcc.edu/general-education/) | 3 | | |
| SOC 101 or PSY 200 | Introduction to Sociology (MOTR SOCI 101) or General Psychology (MOTR PSYC 100) | 3 | Reading Proficiency or concurrent enrollment in RDG 079 | |
| XXX xxx | Health and Wellness Elective (http://catalog.stlcc.edu/course-descriptions/courses/hw/) | 1 | | |
| | Credit Hours | 17 | | |
| | Total Credit Hours | 70 | | |

*Click on the hyperlinked course number to view additional information about the course.

Clinical Laboratory Technology (Medical Laboratory Technician): AAS
(04/04/24)

**Students completing a course that has been assigned a MOTR number may transfer that course to any public institution in Missouri. Those who complete CORE 42 requirements will have that verification on their transcript.

*** It is your responsibility to verify that the courses listed above will transfer to the four-year institution of your choice. Maximize your transfer credits/classes by meeting with an academic advisor.