Clinical Lab Tech – Associate in Applied Science Degree
Total Approved Hours Required: **71**
Revised October 2026

CAMPUS PROGRAM CONTACTS
Program Email: stlcc-clinicallab@stlcc.edu
Retention Coach: Amy Penick, apenick@stlcc.edu

PROGRAM OF STUDY: Pre-Entry Course Requirements. Any additional prerequisite coursework required to complete pre-entry courses are not factored into total program hours.

Selective Admissions to Health Science Programs Prerequisites

Rationale: Students who wish to declare a major in some health professions programs must meet minimum criteria to apply. Admission to a program in the School of Health Professions is selective due to availability and limitations of practicum sites and limitations in the number of students who can be accommodated in clinical groups. All students interested in this program should consult a Student Success Advisor at their campus of their choice. The programs in the School of Health Professions require clinical or field experience as part of the curriculum. A criminal background check, drug screen, and documentation of current immunizations are required (at the student's expense) for participation in clinical or other field experiences. Specific academic criteria for admission are on the second page of this document.

Application Requirements		Cr. Hrs.
MTH 110/S	Completion of Introductory Statistics **OR** Introductory Statistics w/ Support or higher with a grade of "C" or higher	3-5
CHM 101 or CHM 105 *	Completion of Fundamentals of Chemistry I **OR** General Chemistry I with a grade of "C" or higher.	5
BIO 111 *	Completion of Introductory Biology I with a grade of "C" or higher.	4
ENG 101	College Composition I completed with a grade of "C" or higher.	3

	General Education Requirements (*not* required to apply):	
BIO 207 **	Anatomy and Physiology I completed with a grade of "C" or higher.	4
BIO 208	Anatomy and Physiology II completed with a grade of "C" or higher.	4
XXX xxx	Missouri Civics Requirement completed with a grade of "C" or higher.	3

Program Requirements (must be completed with a "C" or higher):		
	First Semester	
CLT 100	Orientation to the Medical Laboratory	1
CLT 101	Medical Microbiology	4
CLT 110	Urinalysis and Body Fluids	3
	Second Semester	
CLT 111	Hematology and Coagulation	4
CLT 113	Pathogenic Bacteriology	3
CLT 115	Immunology and Serology	3
	Third Semester (summer)	
CLT 120	Clinical Lab Skill Development	4
	Fourth Semester	
CLT 211	Parasites, Fungi, and Intracellular Pathogens	2
CLT 202	Clinical Practice I	4
CLT 213	Introduction to Clinical Chemistry	3
CLT 215	Immunohematology	4
	Fifth Semester	
CLT 219	Professional Skills Seminar	1
CLT 217	Clinical Chemistry	5
CLT 207	Clinical Practice II	4
	Total Hours Required	71

*** BIO 111 and CHM 101/105 must be completed within five years of applying to the program.**
**** If BIO 207: Anatomy and Physiology has been completed with a "C" or higher in the past five years, it can be used to meet this requirement if BIO 111 has also been previously completed.**
Please visit the interactive class schedule for information regarding class times.

Admission to St. Louis Community College does not guarantee admission to the Clinical Lab Tech program. Below is a pre-entry checklist.

	General Pre-entry Requirements (required for application):	Check
1	**Application submitted for admission to STLCC.** Please visit www.stlcc.edu/apply.	
2	**Degree Seeking Status.** Official College Transcripts - An official transcript from each college attended must be sent directly from the college attended to the STLCC-Registrar's Office and be fully evaluated. Please visit https://stlcc.edu/admissions/apply-to-stlcc/transfer-students/transferring-credit-to-stlcc.aspx for more	
3	**Minimum cumulative GPA of 2.5.** *Developmental courses (numbered below 100) completed at any institution will not be counted toward the minimum cumulative GPA. The minimum 2.5 GPA must be maintained while on the Clinical Lab Tech applicant List. A minimum GPA of 2.0 must be maintained once enrolled into the Clinical Lab Tech program.* • STLCC students with at least 15 college level credits with a 2.5 GPA will meet this requirement, regardless of the GPA at other colleges. College transfer students with fewer than 15 STLCC credits must have a cumulative 2.5 GPA in college level credits earned at all colleges attended.	
4	**Introductory Statistics: MTH 110/MTH 110S or higher, completed with a grade of "C" or higher. *Prerequisites*:** • Reading Proficiency (MTH 110S) • Satisfactory score on placement test and Reading Proficiency (MTH 110).	
5	**Chemistry: CHM 101 completed with a grade of "C" or higher OR CHM 105 completed with a grade of "C" or higher. *Prerequisites:*** • Completion of MTH 109 or higher with a grade of "C" or higher or placement into a higher math class and Reading Proficiency. (CHM 101). • Completion of MTH 140 (or MTH 140S or at least one and half years of HS algebra) with a grade of "C" or higher and completion of CHM 101 (or one year of HS chemistry) with a grade of "C" or higher and Reading Proficiency (CHM 105).	
6	**Introductory Biology: BIO 111 completed with a grade of "C" or higher within 5 years prior to application. *Prerequisites:*** • Reading Proficiency or concurrent enrollment in RDG 079.	
7	**College Composition I: ENG 101 completed with a grade of "C" or higher. *Prerequisites:*** • Satisfactory placement score on placement test or completion of ENG 030 or ENG 070 or EML 072 with a grade of "C" or higher or recommendation of department and Reading Proficiency or concurrent enrollment in RDG 079.	
	When the above criteria have been met, students must submit a signed Clinical Lab Tech application. The application must be signed by both the student and Student Success Advisor. Completed applications must be emailed to stlcc-clinicallab@stlcc.edu. Mailed or faxed applications will not be accepted or processed. All communication from the Clinical Lab Tech program will be sent to *STLCC student email addresses only*. No communication will be mailed or faxed to students. *Admission and degree requirements are subject to change without advance notice.*	