

# Recommended Academic Plan for Clinical Laboratory Technology

Associate in  
Applied Science  
Degree



This plan is a suggested semester-by-semester plan. It is designed to keep you on track for a timely graduation. This plan is not a substitute for academic advising. Contact an advisor for further information regarding placement based on Placement exam scores, scheduling, degree requirements, and graduation requirements. \*The CLT Program has additional admission criteria that must be met in order to enroll in courses. Contact an advisor for specific information and to submit an application to the program. Additional information is also available at [stlcc.edu/Programs/Clinical\\_Laboratory\\_Technology/index.html](http://stlcc.edu/Programs/Clinical_Laboratory_Technology/index.html).

Semester 1				
Course	Credits	Prerequisite	Milestone/Notes	Completed
BIO:207 Anatomy and Physiology I	4	BIO:111 or 1 year of high school biology and chemistry		
ENG:101 College Composition I	3	ENG:030 or 070 and CoRq RDG:030		
CLT:100 Orientation to the Medical Laboratory	1			
CLT:101 Medical Microbiology	3			
CLT:110 Urinalysis and Body Fluids	2			
CHM:101 Fundamentals of Chemistry	5	MTH:030 or MTH:140 Placement		
<b>Subtotal</b>	<b>18</b>			

Semester 2				
Course	Credits	Prerequisite	Milestone/Notes	Completed
CLT:111 Hematology and Coagulation	4	CLT:100		
CLT:113 Pathogenic Bacteriology	2	CLT:101		
CLT:115 Immunology and Serology	2	CLT:101		
BIO:208 Anatomy and Physiology II	4	BIO:207		
MTH:140 Intermediate Algebra	3	MTH:030		
<b>Subtotal</b>	<b>15</b>			

Summer				
Course	Credits	Prerequisite	Milestone/Notes	Completed
CLT:120 Clinical Laboratory Skills Development	4	CLT:110, 111, 113, 115		
ENG:102 College Composition II OR ENG:103 Report Writing	3	ENG:100 or 101		
<b>Subtotal</b>	<b>7</b>			

Semester 3				
Course	Credits	Prerequisite	Milestone/Notes	Completed
CLT:211 Parasites, Fungi and Intracellular Pathogens	2	CLT:101		
CLT:213 Introduction to Clinical Chemistry	2	CHM:101 or 105, BIO:208, CLT:100, MTH:140 or 160		
CLT:202 Clinical Practice I	4	CLT:120		
CLT:215 Immunohematology	4	CLT:115		
Physical Education Elective	1		At least one credit must be an activity	
<b>Subtotal</b>	<b>13</b>			

Semester 4				
Course	Credits	Prerequisite	Milestone/Notes	Completed
CLT:219 Professional Skills Seminar	1	CLT:202 CoRq CLT:207	Apply for graduation	
CLT:217 Clinical Chemistry	5	CLT:213		
CLT:207 Clinical Practice II	4	CLT:202		
*Social and Behavioral Sciences Elective that meets the MO State requirement	3			
SOC:101 Introduction to Sociology OR PSY:200 General Psychology	3			
Physical Education Elective	1		At least one credit must be an activity	
<b>Subtotal</b>	<b>17</b>			

**Total Hours in the Program: 70**

\*See Catalog for classes that will fulfill the elective requirements, [catalog.stlcc.edu](http://catalog.stlcc.edu) or the Clinical Laboratory Technology web page [stlcc.edu/Programs/Clinical\\_Laboratory\\_Technology/](http://stlcc.edu/Programs/Clinical_Laboratory_Technology/)

**Maximize your transfer credits/classes by meeting with an academic advisor.**

Clinical Laboratory Technology - AAS Quick Checklist		
Courses	Credit Hours	Notes
<b>GENERAL EDUCATION</b>		
ENG:101		
ENG:102 OR ENG:103		
*Social and Behavioral Sciences Elective that meets the MO State requirement		
MTH:140		
SOC:101 OR PSY:200		
CHM:101		
<b>PHYSICAL EDUCATION 2 credit hours</b> At least one credit must be an activity		
<b>AREA OF CONCENTRATION</b>		
BIO:207		
BIO:208		
CLT:100		
CLT:101		
CLT:110		
CLT:111		
CLT:113		
CLT:115		
CLT:120		
CLT:211		
CLT:213		
CLT:202		
CLT:207		
CLT:215		
CLT:219		
CLT:217		

For more information, please see [stlcc.edu/Programs/Degrees](http://stlcc.edu/Programs/Degrees) or consult the College Catalog at [catalog.stlcc.edu](http://catalog.stlcc.edu).

<p><b>Advisor Contact Information</b></p> <p>Name</p> <p>Phone</p> <p>Email</p>
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