

Recommended Academic Plan for Civil Engineering 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 ACT/SAT or placement exam scores, scheduling, degree requirements, and graduation requirements.

Semester 1				
Course	Credits	Prerequisite	Milestone/Notes	Completed
MTH:185 Precalculus	5		MTH140 with a grade of C or satisfactory score on placement exam	
ME:135 Mechanics and Statics	3			
GE:101 Technical Computer Applications	3			
EGR:100 Engineering Drawing	3			
ENG:101 College Composition I	3			
Subtotal	17			
Semester 2				
Course	Credits	Prerequisite	Milestone/Notes	Completed
CE:116 Construction Blueprint Reading	3			
ME:243 Strength Of Materials	3			
EGR:133 Introduction to AutoCAD I	2			
Social and Behavioral Sciences Elective	3			
ENG:102 College Composition II OR ENG:103 Report Writing	3			
Physical Education Requirement	1		At least 1 credit must be an activity	
Subtotal	15			
Semester 3				
Course	Credits	Prerequisite	Milestone/Notes	Completed
COM:101 Oral Communication	3			
CE:230 Construction Materials and Testing	3			
PHY:111 College Physics I	4			
CE:240 Plane Surveying	3			
Engineering Elective	3		Select from CS, ME, EGR, ESC, BIC or GE290	
Physical Education Requirement	1		At least 1 credit must be an activity	
Subtotal	17			
Semester 4				
Course	Credits	Prerequisite	Milestone/Notes	Completed
PHY:112 College Physics II	4		Apply for graduation	
Engineering Elective	3		Select from CS, ME, EGR, ESC, BIC or GE290	
Engineering Elective	3		Select from CS, ME, EGR, ESC, BIC or GE290	
Engineering Elective	2		Select from CS, ME, EGR, ESC, BIC or GE290	
*Social and Behavioral Sciences Elective that meets the MO State requirement	3			
Subtotal	15			
Total Hours in the Program: 64				

*See Catalog for classes that will fulfill the elective requirements at catalog.stlcc.edu

**Students completing STLCC's Missouri General Education requirements will receive verification on their transcripts that is recognized by all Missouri public colleges and universities except the University of Missouri-Columbia.

***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.

Civil Engineering Technology – AAS Quick Checklist

Courses	Credit Hours	Notes
GENERAL EDUCATION		
MTH:185 Precalculus		
ENG:101 College Composition I		
ENG:102 College Composition II OR ENG:103 Report Writing		
COM:101 Oral Communication		
PHY:111 College Physics I		
PHY:112 College Physics II		
Social and Behavioral Sciences Elective		
*Social and Behavioral Sciences Elective that meets the MO State requirement		
PHYSICAL EDUCATION 2 credit hours At least one credit must be an activity		
REQUIRED COURSES		
CE:103 Structural Drafting OR CE:104 Civil Drafting		
CE:116 Construction Blueprint Reading		
CE:230 Construction Materials and Testing		
CE:233 Hydraulics		
CE:238 Environmental Systems		
CE:240 Plane Surveying		
CE:250 Surveying II		
EGR:100 Engineering Drawing		
EGR:133 Introduction to AutoCAD I		
GE:101 Technical Computer Applications		
ME:135 Mechanics and Statics		
ME:243 Strength Of Materials		
ELECTIVES (11 credit hours from CS, ME, EGR, ESC, BIC, or GE290		

For more information, please see stlcc.edu/Programs/Degrees or consult the College Catalog at catalog.stlcc.edu

Advisor Contact Information

Name

Phone

Email