

ENGINEERING TECHNOLOGY, ASSOCIATE IN APPLIED SCIENCE

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

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 2023, 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.

Code	Title	Hours	Prerequisites	Milestones/Notes
First Year				
Fall				
MTH 140	Intermediate Algebra (or MTH 140S or higher)	3	Satisfactory placement and Reading Proficiency	
GE 101	Technical Computer Applications	3	Reading Proficiency	
GE 131	Engineering Technology Orientation	1	Reading Proficiency	
	Credit Hours	7		
Spring				
EE 134	Electric Circuits	6	MTH 140 (or MTH 140S) with a minimum grade of "C" or equivalent placement test scores or department approval and Reading Proficiency	
	Credit Hours	6		
Summer				
PSI 101 or BIO 109	Physical Science (MOTR PHYS 110) or Human Biology (MOTR LIFS 100)	3	MTH 108 or MTH 140S with a minimum grade of "C", or placement into MTH 140 or higher, and Reading Proficiency	
	Credit Hours	3		
Second Year				
Fall				
GE 135	Blueprint Reading for Engineering Technicians	2	Reading Proficiency	
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
	Credit Hours	8		
Spring				
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
	Credit Hours	6		

Summer				
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	
	Credit Hours	3		
Third Year				
Fall				
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
	Credit Hours	6		
Spring				
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
	Credit Hours	6		
Summer				
Social & Behavioral Sciences: Civics		3		
	Credit Hours	3		
Fourth Year				
Fall				
Engineering Technology Elective		3		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
Engineering Technology Elective		2		Take courses from BE, CE, EE, EGR, ESC, GE, ME, or QC prefixes, or IT 101, IT 201
	Credit Hours	5		
Spring				
GE 240	Product Design and Fabrication	4	ME 151 or EE 134 or EGR 100 or ME 111 with minimum grades of "C" or department approval, and Reading Proficiency	Apply for graduation
COM 101 or 107 or 201	Oral Communication I (MOTR COMM 100) or Public Speaking (MOTR COMM 110) or Interpersonal Communication (MOTR COMM 120)	3	Concurrent enrollment in ENG 070 or Reading Proficiency	
	Credit Hours	7		
	Total Credit Hours	60		

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

**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.