ELECTRICAL/ELECTRONIC ENGINEERING TECHNOLOGY: AAS

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 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.

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	
GE 135	Blueprint Reading for Engineering Technicians	2	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	
XXX xxx	Social & Behavioral Science: Civics Requirement (http://catalog.stlcc.edu/general-education/)	3		
	Credit Hours	**15**		
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	
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	Select BIO 109 if you plan to pursue the Biomedical Electronics Technology, Certificate of Proficiency.
COM 103 or 201	Small Group Communication (MOTR COMM 125) or Interpersonal Communication (MOTR COMM 120)	3	Reading Proficiency	
Elective		4		Any EE course, IT 101, BE 254, BE 153, ME 140, ME 210, ME 254, ME 237, GE 290
	Credit Hours	**16**		
Second Year				
Fall				
EE 132	Electronic Devices	5	EE 134 with a minimum grade of "C" and Reading Proficiency	
Elective		4		Any EE course, IT 101, BE 254, BE 153, ME 140, ME 210, ME 254, ME 237, GE 290

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	Credit Hours	**17**		
Spring				
EE 235	Electronic Communications	4	EE 132 with a minimum grade of "C" and Reading Proficiency	
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	
Elective		4		Any EE course, IT 101, BE 254, BE 153, ME 140, ME 210, ME 254, ME 237, GE 290
	Credit Hours	**12**		
	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.