

Recommended Academic Plan for Electrical/Electronic Engineering Technology

Associate in
Applied Science
Degree



This plan is a suggested semester-by-semester course 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.

Workplace Learning Experience: Students may substitute up to 6 credit hours of appropriate and relevant workplace learning for technical courses or electives, included in the program. Pre-approval by the department and faculty supervision required.

Semester 1				
Course	Credits	Prerequisite	Milestone/Notes	Completed
MTH:185 Precalculus OR MTH:160 College Algebra and MTH:170 Trigonometry	5-7	MTH:140 or satisfactory score on placement test MTH:140 or satisfactory score on placement test AND MTH:160 or satisfactory score on placement test		
EE:130 Electric Circuits I	4	Placement in MTH:140 or higher or department approval		
GE:101 Technical Computer Programming	3			
EGR:104 Electronic Drafting	2			
GE:131 Engineering Technical Orientation	1			
*Physical Education Requirement	1	One credit must be an activity		
Subtotal	16-18			
Semester 2				
Course	Credits	Prerequisite	Milestone/Notes	Completed
EE:131 Electric Circuits II	4	EE:130 and MTH:170 or MTH:185		
EE:132 Electronic Devices	5	Prior or current enrollment in EE:131		
ENG:101 College Composition I	3			
*PHY:111 College Physics I OR CHM:101 Fundamentals of Chemistry I OR BIO:111 Introductory Biology I OR BIO:207 Anatomy and Physiology	4-5	MTH:144 or prior/current enrollment in MTH:160 Placement in MTH:140 or higher <u>Reading Proficiency</u> BIO:111 with "C" or better or HS equivalent or permission of department		
Subtotal	16-17			
Semester 3				
Course	Credits	Prerequisite	Milestone/Notes	Completed
EE:106 IBM Personal Computer Installation & Repair	1			
EE:233 Digital Logic	4	EE:130 or department approval		
*Approved elective	4	See catalog for approved list of electives		
COM:101 Oral Communication I OR ENG:102 College Composition II OR ENG:103 Report Writing	3	ENG:100 or ENG:101 with a "C" or better or department approval		
*Social and Behavioral Sciences Elective that meets the Missouri State Requirement	3			
Subtotal	15			
Semester 4				
Course	Credits	Prerequisite	Milestone/Notes	Completed
*Approved elective	3	Apply for graduation		
*Approved elective	4			
*Approved elective	3			
*Approved elective	3			
*Social and Behavioral Sciences Elective that meets the Missouri State Requirement	3			
*Physical Education Requirement	1	One credit must be an activity		
Subtotal	17			
Total Hours in the Program: 64-67				

*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.

Electrical/Electronic Engineering Technology-AAS

Quick Checklist

Courses	Credit Hours	Notes
GENERAL EDUCATION		
ENG:101 College Composition I		
COM:101 Oral Communication I OR ENG:102 College Composition II OR ENG:103 Report Writing		
MTH:185 Precalculus OR MTH:160 College Algebra and MTH:170 Trigonometry		
*Social and Behavioral Sciences Elective that meets the Missouri State Requirement		
*Social and Behavioral Sciences Elective that meets the Missouri State Requirement		
* PHY:111 College Physics I OR CHM:101 Fundamentals of Chemistry I OR BIO:111 Introductory Biology I OR BIO:207 Anatomy and Physiology		
PHYSICAL EDUCATION 2 credit hours At least one credit must be an activity		
REQUIRED COURSES		
EE:130 Electric Circuits I		
EGR:104 Electronic Drafting		
GE:131 Engineering Technical Orientation		
GE:101 Technical Computer Programming		
EE:131 Electric Circuits II		
EE:132 Electronic Devices		
EE:106 IBM Personal Computer & Repair		
EE:233 Digital Logic		
ELECTIVES (See catalog for list of approved electives)		

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

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