

# Recommended Academic Plan for Skilled Trades Industrial Occupations Technology Electrical Training Alliance

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.

Semester 1				
Course	Credits	Prerequisite	Milestone/Notes	Completed
ENG:101 College Composition I	3		Course may be taken in person or online	
SKT:106 Introduction to Electrical Profession	2			
SKT:111 Electrical Conduit Fabrication	2			
SKT:112 Electrical Workplace Learning I	6			
<b>Subtotal</b>	<b>13</b>			

Semester 2				
Course	Credits	Prerequisite	Milestone/Notes	Completed
MTH:108 Elementary Applied Mathematics	3	MTH:020 with a grade of "C" or better or satisfactory score on placement test	A higher level mathematics course is permitted; Course may be taken in person or online or substituted through Prior Learning Assessment	
SKT:136 Electrical Code and Practices I	2			
SKT:130 Direct Current Theory	3			
SKT:131 Electrical Workplace Learning II	7	SKT:112		
<b>Subtotal</b>	<b>15</b>			

Summer				
Course	Credits	Prerequisite	Milestone/Notes	Completed
Social and Behavioral Science elective that meets the Missouri State Requirement	3	Reading Proficiency	History of the American Workforce or related course; Course may be taken in person or online	
SKT:135 Electrical Blueprint Reading	2			
SKT:138 AC Systems and Theory	3			
<b>Subtotal</b>	<b>8</b>			

Semester 4				
Course	Credits	Prerequisite	Milestone/Notes	Completed
COM:101 Oral Communication I	3		Course may be taken in person or online	
SKT:137 Electrical Code and Practices II	2			
SKT:132 Electrical Workplace Learning III	7	SKT:131		
<b>Subtotal</b>	<b>12</b>			

Semester 5				
Course	Credits	Prerequisite	Milestone/Notes	Completed
Social and Behavioral Science Elective	3	varies	<b>Apply for Graduation</b> Course may be taken in person or online	
SKT:134 Electrical Transformers	2			
SKT:133 Electrical Workplace Learning IV	7	SKT:132		
<b>Subtotal</b>	<b>12</b>			

**Total Hours in the Program: 60**

\*See Catalog for classes that will fulfill the elective requirements [catalog.stlcc.edu](http://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.**

**Skilled Trades Industrial Occupations Technology  
Electrical Training Alliance - AAS  
Quick Checklist**

Courses	Credit Hours	Notes
<b>GENERAL EDUCATION</b>		
ENG:101 College Composition I	3	
COM:101 Oral Communication I	3	
MTH:108 Elementary Applied Mathematics	3	
Social and Behavioral Science elective that meets the Missouri State Requirement	3	
Social & Behavioral Science Elective	3	
<b>REQUIRED COURSES</b>		
SKT:106 Introduction to Electrical Profession	2	
SKT:111 Electrical Conduit Fabrication	2	
SKT:112 Electrical Workplace Learning I	6	
SKT:130 Direct Current Theory	3	
SKT:131 Electrical Workplace Learning II	7	
SKT:132 Electrical Workplace Learning III	7	
SKT:133 Electrical Workplace Learning IV	7	
SKT:134 Electrical Transformers	2	
SKT:135 Electrical Blueprint Reading	2	
SKT:136 Electrical Code and Practices I	2	
SKT:137 Electrical Code and Practices II	2	
SKT:138 AC Systems and Theory	3	

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)

**Advisor Contact Information**

Name  
Phone  
Email