



## Electrician Technology Certificate

Four-Semester Pathway - Academic Year 2018-2019

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS-100	Freshman Interest Group				1	
ELEC-105	Basic Electricity I		MATH-050		2	
ELEC-115	Basic Electricity II		ELEC-105 w/grade of C or better	MATH-145	2	
MATH-145	College Algebra and Trigonometry		MATH-050		4	
<b>Semester 2</b>						
AEDD-100	Print Reading		MATH-030		3	
ENGL-100	English Composition		ENGL-090, ENGL-095		3	
ELEC-160	Controls I		ELEC-105 w/grade of C or better		3	
<b>Semester 3</b>						
ELEC-150	Transformers		ELEC-115 w/grade of C or better		2	
ELEC-205	Basic Electronics I		ELEC-115 w/grade of C or better		3	
ELEC-220	Electric Motors		ELEC-115 w/grade of C or better	ELEC-150	2	
<b>Semester 4</b>						
ELEC-210	Electrical Topics		ELEC-115 w/grade of C or better		3	
ELEC-250	National Electric Code		ELEC-150, ELEC-220		3	
ELEC-280	Controls II		ELEC-150		2	

## Electricians Technology, Certificate

<b>Required Courses</b>					
<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>PREREQUISITES</b>	<b>COREQUISITES</b>	<b>CREDITS</b>	<b>MET</b>
AEDD-100	Print Reading	MATH-030		3	
ELEC-105	Basic Electricity I	MATH-050	MATH-145	2	
ELEC-115	Basic Electricity II	ELEC-105 w/grade of "C" or better	MATH-145	2	
ELEC-150	Transformers	ELEC-115 w/grade of "C" or better		2	
ELEC-160	Controls I	ELEC-105 w/grade of "C" or better		3	
ELEC-205	Basic Electronics I	ELEC-115 w/grade of "C" or better		3	
ELEC-210	Electrical Topics	ELEC-115 w/grade of "C" or better		3	
ELEC-220	Electric Motors	ELEC-115 w/grade of "C" or better	ELEC-150	2	
ELEC-250	National Electrical Code	ELEC-215 & ELEC-170 OR ELEC-150 & ELEC-220		3	
ELEC-280	Controls II	ELEC-150 w/grade of "C" or better		2	
ENGL-100	English Composition	ENGL-090, ENGL-095		3	
FIGS-100	Freshman Interest Group			1	
MATH-145	College Algebra and Trigonometry	MATH-050		4	

**2018-2019**