

**Certificate****RESIDENTIAL/COMMERCIAL ELECTRICAL TECHNICIAN**

The Residential/Commercial Electrical Technician Certificate program is intended to train and prepare students as entry level electricians for residential and commercial maintenance electrical positions. Students will learn to install and maintain electrical equipment, read blueprints, and troubleshoot/repair electrical systems in residential and commercial settings.

**CURRICULUM SEQUENCE****First Semester - Fall**

	<b>Course Title</b>	<b>Semester Credit Hours</b>
EEM 105	Basic Electricity	2
EEM 117	AC/DC Circuits I	4
EEM 140	National Electrical Code	3
EEM 165	Residential/Commercial Wiring	4
EEM 172	Electrical Print Reading	4
	<b>TOTAL</b>	<b>17</b>

**Second Semester - Spring**

EEM 121	Electrical Measurements	3
EEM 145	Control Circuits	3
EEM 170	Electrical Installation	3
EEM 204	SCWE in Residential/ Commercial Electrical Technician "Internship"	3
EEM 235	Power Systems	3
	<b>TOTAL</b>	<b>15</b>
	<b>TOTAL CREDIT HOURS</b>	<b>32</b>