

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**

	Course Title	Semester Credit Hours
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
	TOTAL	17

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
	TOTAL	15
	TOTAL CREDIT HOURS	32