

Electrical Technology

Certificate Type: One Year

Contact: Dean Whitlow lwhitlow@trcc.edu

Purpose: Career and Technical Education. The Electrical Technology program prepares students for entry level employment as an electrician. Students will acquire knowledge and skills required to work in residential, commercial, and industrial electricity. The National Electrical Code (NEC) along with local regulations will be referenced throughout the program.

Fall Semester			Hours	
ELEC	105	Introduction to Electrical Technology	3	
ELEC	106	Basic Electricity	3	
ELEC	107	Electrical Materials and Methods	3	
CIVL	106	Tech Math I	3	
SCOM	125	Communications in the Workplace	3	
TOTAL HOURS			15	

Spring Semester			Hours	
ELEC	125	Blueprint Reading for Electricians	3	
ELEC	126	Residential Circuits	3	
ELEC	225	Electrical Systems	3	
IST	100	Computer Applications	3	
TOTAL HOURS			12	

Fall Semester			Hours	
ELEC	226	Electrical Construction	3	
ELEC	227	Commercial & Industrial Electrical Systems	3	
TOTAL HOURS			6	

Please see individual course descriptions for prerequisites, corequisites, and/or other requirements.

[Gainful Employment Disclosure](#)