PROGRAMS

ELECTRICAL SYSTEMS TECHNOLOGY

Contact(s): Jeremy Valler

This curriculum is designed to provide training for persons interested in the installation and maintenance of electrical systems found in residential, commercial, and industrial facilities. Coursework, most of which is hands-on, will include such topics as AC/DC theory, basic wiring practices, industrial motor controls, applications of the National Electric Code, and other subjects as local needs require.

Graduates should qualify for employment opportunities as a residental or industrial electrician.

Electrical Systems Technology Diploma - D35130

First Year		
Fall		**Credit Hours**
ACA 111	College Student Success	1
BPR 130	Print Reading-Construction	3
ELC 113	Residential Wiring	4
ELC 131	Circuit Analysis I	4
ENG 101 or ENG 111	Applied Communications I Writing and Inquiry	3
	Credit Hours	NaN
Spring		**Credit Hours**
ELC 117	Motors and Controls	4
ELC 118	National Electrical Code	2
ISC 112	Industrial Safety	2
MAT 110	Mathematical Measurement and Literacy	3
WBL 110 or WBL 111	World of Work Work-Based Learning I	1
	Credit Hours	NaN
Summer		**Credit Hours**
	Credit Hours	NaN
	Total Credit Hours	NaN

Electrical Systems Technology Basic Certificate - C35130B

First Year		
Fall		**Credit Hours**
BPR 130	Print Reading-Construction	3
ELC 113	Residential Wiring	4
ELC 131	Circuit Analysis I	4
	Credit Hours	NaN
Spring		**Credit Hours**
ELC 118	National Electrical Code	2
	Credit Hours	2
	Total Credit Hours	NaN

Industrial Electrical Certificate - C35130IE

First Year		
Spring		**Credit Hours**
ELC 117	Motors and Controls	4
ELC 118	National Electrical Code	2
ISC 112	Industrial Safety	2
	Credit Hours	NaN
Summer		**Credit Hours**
	Credit Hours	NaN
	Total Credit Hours	NaN

Electrical Systems Technology CCP

Courses		Credit Hours
ELC 113	Residential Wiring	4
ELC 117	Motors and Controls	4
ELC 131	Circuit Analysis I	4
	Total Credit Hours	NaN