

# Electrical Systems Technology Certificates

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Program A35130

Basic Wiring - C3513001				
Course	Title	Class Hrs	Lab Hrs	Credit Hrs
ELC-112 or ELC-131	DC/AC ELECTRICITY or CIRCUIT ANALYSIS I	3 3	6 3	5 4
ELC-113	RESIDENTIAL WIRING	2	6	4
ELC-114	COMMERCIAL WIRING	2	6	4
ELC-118 or ELC-119	NATIONAL ELECTRIC CODE or NEC CALCULATIONS	1 1	2 2	2 2

Programmable Logic Controllers - C3513002				
Course	Title	Class Hrs	Lab Hrs	Credit Hrs
ELC-112 or ELC-131	DC/AC ELECTRICITY CIRCUIT ANALYSIS I	3 3	6 3	5 4
ELC-128	INTRO TO PLC	2	3	3
ELC-228	PLC APPLICATIONS	2	6	4
ELN-133 or ELN-229	DIGITAL ELECTRONICS INDUSTRIAL ELECTRONICS	3 3	3 3	4 4

Industrial Controls - C3513003				
Course	Title	Class Hrs	Lab Hrs	Credit Hrs
ELC-112 or ELC-131	DC/AC ELECTRICITY CIRCUIT ANALYSIS I	3 3	6 3	5 4
ELC-117	MOTORS AND CONTROLS	2	6	4
ELC-128	INTRO TO PLC	2	3	3
ELC-125	DIAGRAMS & SCHEMATICS	1	2	2

Photovoltaic Systems Technology - C3513004				
Course	Title	Class Hrs	Lab Hrs	Credit Hrs
ELC-112 or ELC-131	DC/AC ELECTRICITY CIRCUIT ANALYSIS I	3 3	6 3	5 4
ELC-114	COMMERCIAL WIRING	2	6	4
ELC-118 or ELC-119	NATIONAL ELECTRICAL CODE or NEC CALCULATIONS	1 1	2 2	2 2
ELC-220	PHOTOVOLTAIC SYS TECH	2	3	3

Contact Eddie Sherrod with questions: [esherrrod@email.pittcc.edu](mailto:esherrrod@email.pittcc.edu) - 252-493-7278