

CONSTRUCTION ELECTRICIAN LEVEL I- CERTIFICATE

Offered at: Ashland Community and Technical College, Big Sandy Community and Technical College, Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Gateway Community and Technical College, Hazard Community and Technical College, Hopkinsville Community College, Jefferson Community and Technical College, Madisonville Community College, Maysville Community and Technical College, Owensboro Community and Technical College, Somerset Community College, Southcentral Kentucky Community and Technical College, Southeast Kentucky Community and Technical College, West Kentucky Community and Technical College

ELT 232	Computer Software Maintenance	3
ELT 234	Computer Hardware Maintenance	3
ELT 260	Robotic and Industrial Automation	5
ELT 265	Applied Fluid Power	3
ESP 101	Introduction to Energy Systems	3
FPX 100	Fluid Power	3
FPX 101	Fluid Power Lab	2
ISX 100	Industrial Safety	3
ISX 101	Introduction to Industrial Safety	3

Program Plan Number: 4603023049

Course	Title	Credits
EET 119	Basic Electricity	5
or ELT 110	Circuits I	
Select one of the following two options:		4-7
EET 154 & EET 155	Electrical Construction I and Electrical Construction I Lab	
EET 254 & EET 255	Electrical Construction and Electrical Construction Lab	
Technical Electives		5
Total Credits		14-17

Technical Electives for Construction Electrician Level I and II Certificates

Course	Title	Credits
All EET Prefix Courses		
ACR 100	Refrigeration Fundamentals	3
ACR 101	Refrigeration Fundamentals Lab	2
ACR 130	Electrical Components	3
ACR 131	Electrical Components Lab	2
BBT 100	Introduction to HFC/Cable-TV	3
BBT 200	Introduction to Cellular Technology	2
BRX 110	Basic Blueprint Reading for Machinist	2
BRX 120	Basic Blueprint Reading	3
BRX 220	Blueprint Reading for Construction	3
CAD 100	Introduction to Computer Aided Design	3
CMM 114	Fundamentals of Machine Tools	6
ELT 103	Introduction to Engineering	3
ELT 110	Circuits I	5
ELT 114	Circuits II	5
ELT 120	Digital I	3
ELT 210	Devices I	4
ELT 214	Devices II	4
ELT 220	Digital II	3
ELT 222	Mechanics of Telephony	3
ELT 224	Basic Telecommunications Installation and Maintenance	3