ELECTRONICS - DIPLOMA

Offered at: Big Sandy Community and Technical College, Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Hopkinsville Community College, Jefferson Community and Technical College, Owensboro Community and Technical College, Somerset Community College, Southeast Kentucky Community and Technical College

Program Plan Number: 1503994019

Course	Title	Credits
General Education		
Area 1		
Select one of the following two options:		3
	Written Communication	
	Oral Communications	
Area 2		
Select one of the following three options:		3
MAT 150	College Algebra	
MAT 126	Technical Algebra and Trigonometry	
	Higher Level Quantitative Reasoning Course	
Subtotal		6
Core		
Select one of the following three options:		5
ELT 110	Circuits I	
EET 119	Basic Electricity	
IMT 110 & IMT 111	Industrial Maintenance Electrical Principles and Industrial Maintenance Electrical Principles Lab	
ELT 114	Circuits II	5
ELT 210	Devices I	4
ELT 120	Digital I	3
Select one of the following three options:		3-4
CAD 100	Introduction to Computer Aided Design [1]	
BRX 120	Basic Blueprint Reading	
	Equivalent Course with Consent of Program Coordinator	
ELT 289	Engineering and Electronics Technology Capstone	1
Digital Literacy [1]		3
Select one of the following three options:		1-2
COED 198	Practicum	
COE 199	Cooperative Education: (Topic)	
	Equivalent Course with Consent of Program Coordinator	
Subtotal		25-27
ELT 214	Devices II	4
ELT 220	Digital II	3
Technical Electives [2]		13
Subtotal		20
Total Credits		**51-53**

[1] If a student takes CAD 100 Introduction to Computer Aided Design (3 credit hours) to meet Digital Literacy requirements, he/she **must** take an additional three (3) credit hours of elective credit not used in the selected track.

[2] Any EET, ELT, IMT, CIT, ISM, CAD, ICT, MFG, PLW, WLD, DPT or any other course as approved by the program coordinator.