

ROBOTICS AND AUTOMATION TECHNICIAN - CERTIFICATE

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

Program Plan Number: 1503993099

Course	Title	Credits
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 120	Digital I	3
Select one of the following two options:		3-5
ELT 265	Applied Fluid Power	
FPX 100 & FPX 101	Fluid Power and Fluid Power Lab	
Select one of the following three options:		4-5
ELT 260	Robotic and Industrial Automation	
IMT 200	Industrial Robotics and Robotic Maintenance	
EET 200 & EET 201	Robotic Systems I and Robotic Systems II	
Select one of the following two options:		4
ELT 244	Electrical Machinery and Controls	
EET 270 & EET 271	Electrical Motor Controls I and Electrical Motor Controls I Lab	
Select one of the following two options:		4
ELT 250	Programmable Logic Controllers	
EET 276 & EET 277	Programmable Logic Controllers and Programmable Logic Controllers Lab	
Total Credits		28-31