

CONTROLS AND AUTOMATION TECHNICIAN - CERTIFICATE

Offered at: Bluegrass Community and Technical College, Elizabethtown Community and Technical College, Hopkinsville Community College, Owensboro Community and Technical College, Southcentral Kentucky Community and Technical College

Program Plan Number: 4703033249

Curriculum Effective Spring Semester

Course	Title	Credits
Select one of the following two options:		5
IMT 110 & IMT 111	Industrial Maintenance Electrical Principles and Industrial Maintenance Electrical Principles Lab	
ELT 110	Circuits I	
EET 119	Basic Electricity	
Select one of the following four options:		4-5
IMT 220 & IMT 221	Industrial Maintenance Electrical Motor Controls I and Industrial Maintenance Electrical Motor Controls I Lab	
EET 270 & EET 271	Electrical Motor Controls I and Electrical Motor Controls I Lab	
ELT 244	Electrical Machinery and Controls	
IMT 120 & IMT 121	Industrial Maintenance Rotating Machinery and Industrial Maintenance Rotating Machinery Lab	
Select one of the following two options:		4
IMT 222 & IMT 223	Industrial Maintenance Motor Controls II and Industrial Maintenance Motor Controls II Lab	
EET 272 & EET 273	Electrical Motor Controls II and Electrical Motor Controls II Lab	
Select one of the following five options:		4-7
IMT 230 & IMT 231	Industrial Maintenance of PLCs and Industrial Maintenance of PLC's Lab	
IMT 280 & IMT 281	Advanced Programmable Logic Controllers and Advanced Programmable Logic Controllers Lab	
EET 276 & EET 277	Programmable Logic Controllers and Programmable Logic Controllers Lab	
IET 203	Programmable Logic Controllers	
ELT 250	Programmable Logic Controllers	
IMT 282	PLC Programming Languages	3
IMT 200 or ELT 260	Industrial Robotics and Robotic Maintenance Robotic and Industrial Automation	4-5
Total Credits		24-29