

Degree Completion Pathways

Map to Completion

Beginning in the Fall as a freshman student

Electrical Technology			
Associate Degree/Certificate/Short Certificate			
Full Time	Course Prefix	Course Title	Credit Hours
Fall Semester 1	ELT108	Direct Current Fundamentals	3
	ELT109	Alternating Current Fundamentals	3
	ADM105	Fluid Power Systems	3
	ADM111	Manufacturing Safety Practices	3
	ORI101	Orientation to the College	1
Congratulations! Electrical Fundamentals Short Certificate Awarded			
Spring Semester 1	ELT114	Residential Wiring Methods I	3
	ELT115	Residential Wiring Methods II	3
	ELT117	Industrial Motors	3
	ELT209	Industrial Motor Controls	3
Summer Semester 1	ELT118	Commercial and Industrial Wiring	3
	ELT230	Programmable Controls	6
	ENG101	English Composition I	3
	ELT241	National Electrical Code	3
Fall Semester 2	ELT 253	Industrial Robotics	3
	ELT 254	Robot Maintenance	3
	INT126	Preventive Maintenance	3
	MTH100	Intermediate College Algebra	3
Congratulations! Robotics Short Certificate Awarded Preventive Maintenance Short Certificate Awarded			
Spring Semester 2	CIS146	Microcomputer Applications	3
	ENG102	English Composition II	3
	Area III	4 credit hour Natural Science Course	4
	Area IV	History, Social, or Behavioral Science Course	3
Congratulations! Electrical Wiring Certificate Awarded			
Summer Semester 2	Area II	Humanities	3
	BSS220	Professional Transition	1
Congratulations! Associate in Applied Science Degree in Electrical Technology Awarded			
Electrical Fundamentals Short Certificate			Total Hours- 9
Robotics Short Certificate			Total Hours- 9
Preventive Maintenance			Total Hours- 12
Electrical Wiring Certificate			Total Hours- 41
Associate in Applied Science Degree in Heating and Air Conditioning			Total Hours- 66