

Degree Completion Pathways

Map to Completion

Beginning in the Summer as a freshman student

Electrical Technology			
Associate Degree/Certificate/Short Certificate			
Full Time	Course Prefix	Course Title	Credit Hours
Summer Semester 1	ELT118	Commercial and Industrial Wiring	3
	ELT253	Industrial Robots	3
	ELT 254	Robot Maintenance	3
	INT 126	Preventive Maintenance	3
	ORI101	Orientation to the College	1
Fall Semester 1	ELT108	Direct Current Fundamentals	3
	ELT109	Alternating Current Fundamentals	3
	ENG 101	English Composition I	3
	ADM 105	Fluid Power	3
	ADM 111	Manufacturing Safety Practices	3
Congratulations! Electrical Fundamentals Short Certificate Awarded			
Spring Semester 1	ELT114	Residential Wiring Methods I	3
	ELT 115	Residential Wiring Methods II	3
	ELT 230	Programmable Logic Controls	6
Summer Semester 2	ELT 209	Industrial Motor Controls	3
	ELT 117	AC/AC Machines	3
	ELT 241	National Electrical Code	3
	MTH100	Intermediate College Algebra	3
Congratulations! Electrical Fundamentals Short Certificate Awarded			
Fall 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			
Spring 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