

Electrical Technology Short-Term Certificate

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	STUDENT PROGRESS	
	<u>Grade</u>	<u>Term Completed</u>
Residential Electrical Apprentice:		
• ELT 110 - Wiring Methods 3	_____	_____
• ELT 114 - Residential Wiring Methods..... 3	_____	_____
• ELT 115 - Residential Wiring Methods II..... 3	_____	_____
• ELT 181 - Special Topics in Electrical Technology OR		
ELT 182 - Special Topics in Electrical Technology OR		
ELT 241 - National Electric Code OR		
EET 100 - Introduction to Engineering Technologies..... 3	_____	_____
• ELT 244 - Conduit Bending and Installation OR		
ELT 117 – AC/DC Machines..... 3	_____	_____
• ELT 245 - Electrical Grounding Systems OR		
EET 109 - Electrical Blueprint Reading I..... 3	_____	_____
• INT 101 - DC Fundamentals OR		
EET 103 - DC Fundamentals..... 3	_____	_____
• INT 103 - AC Fundamentals OR		
EET 104 - AC Fundamentals 3	_____	_____
• ORI 101 - Orientation to College..... 1	_____	_____
• Total Hours Required for Certificate: 25		
Industrial Electrical Technician:		
• ELT 110 - Wiring Methods OR		
EET 192 - Installation Practices OR		
ELT 242 - Journeyman Master Prep Exam..... 3	_____	_____
• ELT 117 - AC/DC Machines OR		
INT 206 - Industrial Motors I 3	_____	_____
• ELT 118 - Commercial/Industrial Wiring I OR		
INT 158 - Industrial Wiring I 3	_____	_____
• ELT 122 - Advanced AC/DC Machines OR		
ELT 212 - Motor Controls II OR		
ELT 231 - Introduction to Programmable Controllers OR		
INT 184 - Introduction to Programmable Logic Controllers 3	_____	_____
• ELT 244 - Conduit Bending and Installation OR		
ELT 181 - Special Topics in Electrical Technology OR		
ELT 183 – Special topics in Electrical Technology-NCCER Cert. OR		
INT 126 – Preventive Maintenance..... 3	_____	_____
• INT 101 - DC Fundamentals OR		
EET 103 - DC Fundamentals..... 3	_____	_____
• INT 103 - AC Fundamentals OR		
EET 104 - AC Fundamentals 3	_____	_____
• INT 113 - Industrial Motor Control I..... 3	_____	_____
• ORI 101 - Orientation to College..... 1	_____	_____
Total Hours Required for Certificate: 25		
Industrial Control Technician:		
• ELT 110 - Wiring Methods OR		
EET 192 - Installation Practices..... 3	_____	_____
• ELT 117 - AC/DC Machines..... 3	_____	_____
• ELT 122 - Advanced AC/DC Machines..... 3	_____	_____
• ELT 212 - Motor Controls II OR		
ELT 244 - Conduit Bending and Installation OR		



STUDENT PROGRESS

	<u>Grade</u>	<u>Term Completed</u>
INT 126 – Preventive Maintenance OR		
INT 253 – Industrial Robotics..... 3	_____	_____
• ELT 231 - Introduction to Programmable Controllers..... 3	_____	_____
• ELT 232 - Advanced Programmable Controllers OR		
ELT 118 - Commercial/Industrial Wiring I 3	_____	_____
• INT 101 - DC Fundamentals OR		
EET 103 - DC Fundamentals..... 3	_____	_____
• INT 103 - AC Fundamentals OR		
EET 104 - AC Fundamentals 3	_____	_____
• ORI 101 - Orientation to College..... 1	_____	_____

Total Hours Required for Certificate: 25

NOTICE(s): For the short-term certificate in Residential Electrical Apprentice, Industrial Electrical Technician, or Industrial Control Technician, the student must complete 25 credit hours in technical courses—all of which must be approved by the advisor. Required courses may vary to provide options and to meet student needs. Courses will be selected from those listed above. Admission Requirement: High school diploma or GED.