

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 104 - Principles of Technology 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 Apprenticeship, 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.