

Certificate

RESIDENTIAL/COMMERCIAL ELECTRICAL TECHNICIAN

The Residential/Commercial Electrical Technician Certificate program is intended to train and prepare students as entry level electricians for residential and commercial maintenance electrical positions. Students will learn to install and maintain electrical equipment, read blueprints, and troubleshoot/repair electrical systems in residential and commercial settings.

Required Courses

Residential/Commercial Electrical Technician Requirements

CERTIFICATE REQUIREMENTS: RESIDENTIAL/COMMERCIAL ELECTRICAL TECHNICIAN

| Component | Course Title | Semester Credit Hours |
|-----------|---|--------------------------|
| EEM 105 | Basic Electricity | 2 |
| EEM 117 | AC/DC Circuits I | 4 |
| EEM 121 | Electrical Measurements | 3 |
| EEM 140 | National Electrical Code | 3 |
| EEM 145 | Control Circuits | 3 |
| EEM 165 | Residential/Commercial Wiring | 4 |
| EEM 170 | Electrical Installation | 3 |
| EEM 172 | Electrical Print Reading | 4 |
| EEM 204 | SCWE in Residential/Commercial Electrical Technician "Internship" | 3 |
| EEM 235 | Power Systems | 3 |
| | CREDITS | 32 |
| | TOTAL CREDIT HOURS | 32 |