

Associate in Applied Science

Program: Electrician Technician

Prescribed Technical Program Requirements

| Course # and Title | Credits |
|---|-----------|
| ENRT 106 DC Fundamentals | 2 |
| ENRT 108 AC Fundamentals | 3 |
| ELTR 101 Electrical Industry and Safety | 3 |
| ELTR 110 National Electrical Code I | 2 |
| ELTR 112 Wiring I | 5 |
| ELTR 113 Wiring II | 5 |
| ELTR 111 National Electrical Code II | 2 |
| ELTR 114 Conduits and Practical Skills | 3 |
| ELTR 206 Advanced Electrical Components | 3 |
| ELTR 210 National Electrical Code III | 2 |
| ICTL 205 Mechanical Practices | 4 |
| ICTL 215 Instrumentation and Documents | 4 |
| ITCL 225 Input and Output Devices | 4 |
| ICTL 235 Motors and Controllers | 4 |
| ICTL 245 Controls | |
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| ICTL 235L Motors and Controllers Lab | 1 |
| ICTL 245L Controls Lab | 1 |
| ICTL 255L Automation Overview Lab | 1 |
| OR | |
| ELTR 230 Electrician Work-Study | 6 |
| | 60 |

General Education Requirements

| Course # and Title | Credits |
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| Written & Oral Communications I | |
| ENGL 110 - College Composition I - Required | 3 |
| ENGL 125 - Introduction to Professional Writing OR | 3 |
| COMM 110 - Fundamentals of Speaking | |
| Art & Humanities/Social & Behavioral Sciences | |
| Choose one of the following recommendation courses | |
| HIST 103 - United States to 1877 | 3 |
| ECON 201 - Principles of Microeconomics | |
| PSYC 111 - Introduction to Psychology | |
| SOC 110 - Introduction to Sociology | |
| Business/Math/Science/Technology | |
| CIS 164 - Networking Fundamentals I | 4 |
| MATH 103 - College Algebra or MATH 210 - Elementary Statistics | 3 |
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