



Automation Engineer Technology - CERT B Degree Pathway

Required Courses

- (AE100) AC/DC Circuits** - 4 Credit Hours
- (AE101) Digital Multimeter Principles** - 1 Credit Hours
- (AE150) Programmable Logic Controls (PLCs)** - 3 Credit Hours
- (AE155) Electrical Maintenance** - 3 Credit Hours
- (AE200) Variable Frequency Drives and Electric Motors** - 3 Credit Hours
- (AE202) Actuator/Sensor Systems** - 3 Credit Hours
- (AE205) Intermediate Programmable Logic Controllers** - 3 Credit Hours
- (EE117) Conduit Fabrication** - 1 Credit Hours
- (EE126) NEC Codeology** - 1 Credit Hours
- (IS182) Cisco CCNA I/Networking I** - 3 Credit Hours
- (ME106) Industrial Fluid Power** - 3 Credit Hours
- (ME110) Fundamentals of Motor Controls** - 3 Credit Hours
- (ME129) Mechanical Maintenance Skills** - 3 Credit Hours
- (TR121) General Industrial Safety/OSHA10** - 1 Credit Hours

Additional Pathway Electives

- AET Math Options** - 3 credits required
- SH101 Public Speaking or SH210 Interpersonal Communication** - 3 credits required

Contact Details

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STC

Scan QR Code to view all course
and elective options!

