



Automation Engineer Technology - CERT C 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
- (AE210) Industrial HMI Design & Integration - 3 Credit Hours
- (AE250) Distributed/Integrated Control Systems - 3 Credit Hours
- (AE252) Control Systems Development - 3 Credit Hours
- (AE255) Industrial Robotics - 3 Credit Hours
- (AE256) Servo Motion Control - 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

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and elective options!

