Automation Engineer Technology - AAS

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
General Education Options - 9 credits required
SH101 Public Speaking OR SH210 Interpersonal Communication - 3 credits required

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Scan QR Code to view all course and elective options!