



# Industrial Electrical 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
- (EE117) Conduit Fabrication** - 1 Credit Hours
- (EE126) NEC Codeology** - 1 Credit Hours
- (ME106) Industrial Fluid Power** - 3 Credit Hours
- (ME110) Fundamentals of Motor Controls** - 3 Credit Hours
- (TR100) Technical Math** - 3 Credit Hours
- (TR120) Work Ethics** - 2 Credit Hours
- (TR121) General Industrial Safety/OSHA10** - 1 Credit Hours

## Additional Pathway Electives

**Industrial Electronics Technical Electives** - 5 credits required

Agriculture, Business, Computers and Technology

[dept02@hutchcc.edu](mailto:dept02@hutchcc.edu)

620-728-8104

1-888-GO-HUTCH ext. 8104

Scan QR Code to view all course  
and elective options!

