

INDUSTRIAL ELECTRICAL TECHNOLOGY - CERT



Agriculture, Business, Computers and Technology

Contact: Paul Becker beckerp@hutchcc.edu (620)728-8187

Department Co-Chair: Jillene Cunningham cunninghamj@hutchcc.edu (620)665-3479

Department Co-Chair: Sheldon Stewart stewarts@hutchcc.edu (620)665-3460

For course descriptions and course prerequisites, click on the course name.

Some Credit Hours

This certificate requires 33 credit hours.

First Semester

Course	Title	Credits
AE100	AC/DC Circuits	4
AE101	Digital Multimeter Principles	1
EE117	Conduit Fabrication	1
EE126	NEC Codeology	1
ME106	Industrial Fluid Power	3
TR120	Work Ethics	2
TR121	General Industrial Safety/OSHA10	1
Industrial Electronics Technical Electives		2
Semester Total - 15		

Second Semester

Course	Title	Credits
AE150	Programmable Logic Controls (PLCs)	3
AE155	Electrical Maintenance	3
ME110	Fundamentals of Motor Controls	3
TR100	Technical Math	3
Industrial Electronics Technical Electives		3
Semester Total - 15		

Third Semester

Course	Title	Credits
AE200	Variable Frequency Drives and Electric Motors	3
Semester Total - 3		