

# MANUFACTURING ENGINEERING TECHNOLOGY - AAS



## Agriculture, Business, Computers and Technology

Contact: Tim Evans [evanst@hutchcc.edu](mailto:evanst@hutchcc.edu) (620)728-8141

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

Department Co-Chair: Ben Williams [williamsb@hutchcc.edu](mailto:williamsb@hutchcc.edu) (620)665-3482

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

### Total Credit Hours

This degree requires 64 credit hours.

### Requirements

Course	Title	Credits
AE100	AC/DC Circuits	4
AE105	Industrial Wiring	3
AE150	Programmable Logic Controls (PLCs)	3
AE155	Electrical Maintenance	3
AE200	Variable Frequency Drives and Electric Motors	3
AE202	Actuator/Sensor Systems	3
AE208	National Electrical Code	3
ME106	Industrial Fluid Power	3
ME110	Fundamentals of Motor Controls	3
ME115	HVAC Fundamentals	4
ME129	Mechanical Maintenance Skills	3
General Education Options		3
Industrial Safety Electives		2
Manufacturing Engineering Technology Contextual Options		12
Manufacturing Engineering Technology Mathematics Options		3
Manufacturing Engineering Technology Social Science Options		3
Manufacturing Engineering Technology Speech Options		3
Written Communications Options		3