Industrial Technology (AAS)

Degree Type
Associate of Applied Science

The UACCB Industrial Technology program provides students with the knowledge and skills necessary for successful employment as Industrial Technicians in a variety of industries. Students enrolled in the Industrial Technology program specialize in one of three disciplines: Welding or Heating, Ventilation, and Air Conditioning (HVAC), or Mechatronics. The program includes Certificates of Proficiency, Technical Certificates, and an Associate of Applied Science degree.

English/Communications

Item #	Title	Credits
ENG 1004	WRITING FOR THE WORKPLACE	4
ENG 1103	ENGLISH COMPOSITION I	3

Math

**Or** any higher level math course

Item #	Title	Credits
MTH 1003	TECHNICAL MATH	3

Computer Sciences

Item #	Title	Credits
CIS 1053	COMPUTER SOFTWARE APPLICATIONS (Word Processing, Electronic Spreadsheet, Database, Presentation)	3

Social Sciences

Choose from any Social Science listed in the UACCB General Education Core Curriculum

Item #	Title	Credits
	Social Science General Education Core (3 Credits)	3

Major Courses

Item #	Title	Credits
IND 1013	TECHNICAL METHODS	3
IND 1023	ENGINEERING DRAWINGS	3
IND 1033	DC ELECTRICITY	3
IND 1043	AC ELECTRICITY	3
IND 2003	INDUSTRIAL SAFETY	3
IND 2013	ELECTRIC MOTOR CONTROL	3
IND 2043	FLUID POWER	3
IND 2033	COMPUTER AIDED DRAFTING AND DESIGN (CADD)	3
IND 2054	PROGRAMMABLE LOGIC CONTROLLERS	4
IND 2104	INDUSTRIAL TECHNOLOGY CAPSTONE	4

Technical Courses

Choose either Welding, HVAC, Mechatronics or Construction Technology concentration

Item #	Title	Credits
IND 1104	WELDING I	4
IND 1204	WELDING II	4
IND 1304	WELDING III	4

OR

Item #	Title	Credits
IND 1053	HVAC FUNDAMENTALS	3
IND 1153	HVAC CONTROLS	3
IND 1253	HVAC TROUBLESHOOTING	3
IND 1073	INTRODUCTION TO SHEET METAL	3

OR

Item #	Title	Credits
BUS 2653	INTERNSHIP	3
IND 2133	ROBOTICS	3
IND 2233	CNC MACHINERY	3
IND 2333	COMPUTER AIDED MANUFACTURING (CAM)	3

OR - Twelve (12) hours required

Item #	Title	Credits
CST 1016	MASONRY I	6
CST 1026	CARPENTRY I	6
CST 1036	DRYWALL INSTALLATION AND FINISHING	6
	Total Credits	**60**