



ASSOCIATE OF APPLIED SCIENCE INDUSTRIAL TECHNOLOGY

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

- UNIV 1001 Principles of Academic Success I
- UNIV 1003 Principles of Academic Success III

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

Department

- University
- University

General Education Core - 15 Hours

Gen Ed Core

- ENG 1003 Freshman English I
- ENG 1013 Freshman English II OR
- ENG 2033 Technical Writing & Communication
- MATH 1013 Technical Math (or higher)
- CIS 1503 Microcomputer Applications
- Social Science Elective (PSY, HIS, or SOC)

Department

- English
- English
- English
- Mathematics
- Comp Info Sys
- HIST, PSY, SOC

Industrial Technology Core – 35 Hours

Ind Tech Core

- HVAC 1103 Electrical Motors and Components
- CMT 2022 Metrology I
- CMT 2113 Industrial Environment
- CMT 1203 Basic Machining
- IET 1013 AC/DC Circuits
- IET 2103 Control Systems
- IET 2303 Systems Troubleshooting
- IET 1223 Industrial Hydraulics
- IET 1113 Industrial Mechanics
- WELD 1103 Gas Metal Arc Welding
- IET 2014 Introduction to Programmable Logic Controllers
- CMT 2003 Robotics

Department

- HVAC-R
- Comp Machining Tech
- Comp Machining Tech
- Comp Machining Tech
- Industrial Technology
- Industrial Technology
- Industrial Technology
- Industrial Technology
- Industrial Technology
- Welding Technology
- Industrial Technology
- Comp Machining Tech

Industrial Technology Electives – 10 Hours

Ind Tech Electives

Choose a minimum of 10 credit hours from the list of courses below

- CMT 1303 CNC I
- CMT 1013 CAD/CAM I
- CMT 1103 Prototyping I
- HVAC 1603 Air Distribution I

Department

- Comp Machining Tech
- Comp Machining Tech
- Comp Machining Tech
- HVAC-R



HVAC	1203	Materials	HVAC-R
HVAC	1303	HVAC-R Components	HVAC-R
WELD	1003	Shielded Metal Arc Welding	Welding Technology
WELD	1203	Gas Tungsten Arc Welding	Welding Technology
WELD	1303	Metal Fabrication	Welding Technology
IET	1303	Electrical Power systems	Industrial Technology
IET	2013	Boiler Fundamentals	Industrial Technology
CTE	2203	Internship	Career Tech Education

Industrial Technology—TC

TECHNICAL CERTIFICATE INDUSTRIAL TECHNOLOGY

Total Program = 33 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

Requirements—33 HOURS

HVAC	1103	Electrical Motors and Components	Department HVAC-R
CMT	1203	Basic Machining	Comp Machining Tech
CMT	2113	Industrial Environment	Comp Machining Tech
IET	1013	AC/DC Circuits	Industrial Technology
IET	1113	Industrial Mechanics	Industrial Technology
IET	1223	Industrial Hydraulics	Industrial Technology
IET	2103	Control Systems	Industrial Technology
IET	2303	Systems Troubleshooting	Industrial Technology
CMT	2003	Robotics	Comp Machining Tech
MATH	1013	Technical Mathematics	Mathematics
COM	1003	Career Communications	Career Communications
OR			
ENG	1003	Freshman English I	English

Industrial Technology—CP

CERTIFICATE OF PROFICIENCY INDUSTRIAL TECHNOLOGY

Total Program = 9 Credit Hours

The fourth digit in the course number indicates the number of credit hours

IET	1013	AC/DC Circuits	Industrial Technology
IET	1223	Industrial Hydraulics	Industrial Technology
IET	2303	Systems Troubleshooting	Industrial Technology