



Industrial Technology – AAS

This program prepares the individual to obtain marketable technical skills in a variety of areas. Students will be trained in the various technologies employed in a manufacturing plant as well as training the student in a number of different skills that will give students a foundation that can lead to careers in industry or maintenance of commercial and residential complexes. Examples of areas covered are pneumatics, hydraulics, electricity, and mechanical power.

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
- MATH 1013 Technical Math (or higher)
- CIS 1503 Microcomputer Applications
- Social Science Elective (PSY, HIS, or SOC)

Department

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

Industrial Technology Core – 35 Hours

Ind Tech Core

- ACR 1003 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

Department

- Air Conditioning
- Comp Machining Tech
- Comp Machining Tech
- Comp Machining Tech
- Industrial Technology
- Industrial Technology
- Industrial Technology
- Industrial Technology
- Industrial Technology
- Industrial Technology
- Welding Technology
- Industrial Technology





CMT 2003 Robotics

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
- ACR 2102 Air Distribution
- ACR 2201 Materials
- ACR 2401 Air Conditioning & Refrigeration Components
- WELD 1003 Shielded Metal Arc Welding
- WELD 1203 Gas Tungsten Arc Welding
- WELD 1303 Metal Fabrication
- IET 1303 Electrical Power systems
- IET 2013 Boiler Fundamentals
- CTE 2203 Internship

Department

- Comp Machining Tech
- Comp Machining Tech
- Comp Machining Tech
- Air Conditioning
- Air Conditioning
- Air Conditioning
- Welding Technology
- Welding Technology
- Welding Technology
- Industrial Technology
- Industrial Technology
- Career Tech Education





Industrial Technology—TC

This program prepares the individual to obtain marketable technical skills in a variety of areas. Students will be trained in the various technologies employed in a manufacturing plant as well as training the student in a number of different skills that will give students a foundation that can lead to careers in industry or maintenance of commercial and residential complexes. Examples of areas covered are pneumatics, hydraulics, electricity, and mechanical power.

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

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

Department

Air Conditioning
Comp Machining Tech
Comp Machining Tech
Industrial Technology
Industrial Technology
Industrial Technology
Industrial Technology
Industrial Technology
Industrial Technology
Comp Machining Tech
Mathematics
Career Communications
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

