

## Career Education

### AAS in Industrial Technology

#### Associate of Applied Science

#### Industrial Technology

Total Program = 60 Credit Hours

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

### University Requirement - 1 or 3 Credit Hours

#### Requirements

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 Credit Hours

#### Requirements

ENG 1003 Freshman English I

ENG 1013 Freshman English II

MATH 1013 Technical Mathematics A, B, C, D, E, J, M and V

CIS 1503 Microcomputer Applications I

#### Department

English

English

Mathematics

Computer Information Systems

**Please select one Social Science Elective Course (PSY, HIS, or SOC) (3 Credit Hours); \*MATHA 1013 (Technical Math A or higher)**

### Industrial Technology Core - 36 Credit Hours

#### Requirements

ACR 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 System Troubleshooting

IET 1223 Industrial Hydraulics

#### Department

Air Conditioning

Computerized Machining Technology

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Industrial Electronics

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IET 1113	Industrial Mechanics	Industrial Electronics
WELD 1104	Gas Metal Arc Welding	Welding Technology
IET 2014	Programmable Logic Controllers	Industrial Electronics
CMT 2003	Robotics	Computerized Machining Technology

## Industrial Technology Electives - 9 Credit Hours

### Requirements

Choose a minimum of 9 credit hours from the list of courses below.

		Department
CMT 1303	CNC I	Computerized Machining Technology
CMT 1013	CAD/CAM I	Computerized Machining Technology
CMT 1103	Prototyping I	Computerized Machining Technology
ACR 2102	Air Distribution	Air Conditioning
ACR 2204	Materials	Air Conditioning
ACR 2404	Air Conditioning and Refrigeration Components	Air Conditioning
WELD 1004	Shielded Metal Arc Welding	Welding Technology
WELD 1204	Gas Tungsten Arc Welding	Welding Technology
WELD 1304	Metal Fabrication	Welding Technology
IET 1303	Electrical Power Systems	Industrial Electronics
IET 2013	Boiler Fundamentals	Industrial Electronics
CTE 2203	Career Education Internship	