

# INDUSTRIAL TECHNOLOGY, Associate in Applied Science Degree - 4680

Engineering, Trades & Computer Technologies Department  
CIP Code: 15.9999

The Industrial Technology AAS degree prepares students for job advancement or to transfer to a four-year institution to obtain a bachelor's degree in technology-dependent fields such as, automotive technology and service, building construction, electronics, heating, ventilating and air conditioning, electrical technology, automated systems maintenance and manufacturing, machine design, and welding to name a few. This program is designed to afford students with the flexibility to tailor their coursework to meet their individual occupational or transfer goals. Students may complete this program at the Harrisburg Campus through various modalities (e.g., on-campus/in-person instruction, hybrid, synchronous remote instruction and/or asynchronous instruction).

## Career Opportunities

Graduates are able to advance in technology-dependent fields related to their plan of study. In addition, graduates may advance their education and transfer coursework to a four-year institution offering technical programs.

## Competency Profile

This curriculum is designed to prepare students to:

- Utilize computer software for business applications and recognize the importance of computers in today's technology
- Create and express ideas in speaking and writing in a clear, organized manner appropriate for with the intended audience
- Effectively use and apply technology appropriate to the task
- Investigate issues related to global interdependence and reflect upon their impact as global citizens
- Appropriately and correctly use numerical data specific to the task
- Problem solve, create and evaluate through the following general education goals: information literacy, technology literacy, cultural awareness, communication and quantitative literacy
- Access, evaluate and cite sources to meet information needs

## PROGRAM REQUIREMENTS (TOTAL CREDITS = 61)

General Education	Major Requirements	Other Required Courses
ENGL 101 English Composition I (or)	CIS 105 Intro to Software for Business	Program Electives**
ENGL 110 Foundations of Professional Writing	Mathematics Elective (100-299)	30
COMM 101 Effective Speaking	MKTG and/or MGMT Electives	
Humanities & Arts Core Elective		12
Mathematics or Science Core Elective		
Social & Behavioral Science Core Elective*		
First-Year Seminar Elective - BUSI 101		
Wellness Elective		1
		19

\*Students are to select electives from the following courses: ANTH 201 or 205; COMM 253; GEOG 201 or 230; HIST 102; PSYC 229; SOCI 201, 202, 203 or 205.

\*\*Students select their program electives from the following subject areas: AUTO, CAD, ELEC, ELOC, FIRE, GTEC, HVAC, IA, IMT or WELD.

## RECOMMENDED SEQUENCE FOR FULL-TIME STUDENTS

Part time students can complete this program by taking one or more courses each semester.

Fall Semester I	Spring Semester I	Fall Semester II	Spring Semester II
BUSI 101	COMM 101	Program Specific Electives**	Program Specific Electives**
CIS 105	MGMT and/or MKTG Electives	15	15
ENGL 101 or 110	Mathematics Elective		
Humanities/Arts Core Elective	Social/Behavioral Science Core Elective*		
Math/Science Core Elective	Wellness Elective		