

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 75% of this program at the Harrisburg Campus through on-campus/in-person instruction. The remaining coursework must be completed through various modalities (e.g., hybrid, synchronous remote instruction and 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		
		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		