



GET STARTED ON AN IN-DEMAND CAREER.

ADVANCED MANUFACTURING Associate of Applied Science

This program provides students with broad education and hands-on experience required by industry for the 21st-century workplace. This preparation includes coursework in quality, drafting, machining, welding, electricity, safety and materials. Students undertaking this degree program seek employment in supervision, management and maintenance positions in industry.

JOB OPPORTUNITIES FOR GRADUATES

The goal of our 2-year degree programs is to prepare students to apply for internships, entry-level employment or graduate programs.

- Supervision
- Industrial Electronics
- Manufacturing Operations

SALARY

\$44,000 - \$55,000 Mean

LOCATIONS

Toledo-area Campus
Findlay-area Campus

REQUIRED COURSES

High school and adult career-technical students who successfully complete specified technical programs are eligible to have technical credit transfer. For more information on career-technical course work that students can complete for transfer, visit the Transfer Credit Ohio website at transfercredit.ohio.gov and search "Career-Technical Credit Transfer (CT)²" or contact your advisor.

1ST SEMESTER

STM 105	Technology in Society	Credits: 2(Lec: 2)
MTH 143	Applied Industrial Mathematics	Credits: 3(Lec: 3)
SKT 157	Plant Equipment: Gear/Bearings	Credits: 3(Lec: 2 Lab: 2)
WLD 191	Intro to the Welding Processes	Credits: 2(Lec: 1 Lab: 3)
CAD 117	Intro to Board & CAD Drafting	Credits: 3(Lec: 2 Lab: 3)
IST 131	Computer Concepts and Apps	Credits: 3(Lec: 3)
CAM 160	Machining I	Credits: 2(Lec: 1 Lab: 3)

2ND SEMESTER

CAM 161	Machining II	Credits: 2(Lec: 1 Lab: 3)
EET 100	Fundamental DC Analysis	Credits: 3(Lec: 2 Lab: 3)
PHY 143	Applied Industrial Physics	Credits: 3(Lec: 3)
ENG 111	Composition I *	Credits: 3(Lec: 3)
or		
ENG 111P	Composition I Plus *	Credits: 4(Lec: 4)
or		
HON 101	Critical Thinking Seminar	Credits: 3(Lec: 3)
PSY 111	Indust/Organization Psych	Credits: 3(Lec: 3)

3RD SEMESTER

ENV 110	OSHA General Safety	Credits: 3(Lec: 3)
EET 165	Automation Control: PLC I	Credits: 2(Lec: 1.50 Lab: 1.50)
SKT 151	Fluid Power: Hydraulics	Credits: 3(Lec: 2 Lab: 2)
CAM 122	CNC Mill Applications	Credits: 2(Lec: 1 Lab: 3)
SPE 210	Small Group Communication	Credits: 3(Lec: 3)
_____	Elective	Credits: 2

*Select 2 Elective credits from: EET 264, CAM 124, MET 150, SKT 152, SKT 159, or CAM 126.

4TH SEMESTER

WLD 192	SMAW (Flat & Horizontal)	Credits: 2(Lec: 1 Lab: 3)
EET 166	Automation Control: PLC II	Credits: 2(Lec: 1.50 Lab: 1.50)
SKT 153	Fluid Power: Pneumatics/Logic	Credits: 3(Lec: 2 Lab: 2)
ENG 130	Intro to Technical Comm	Credits: 3(Lec: 3)
_____	Elective	Credits: 4

*Select 4 Elective credits from: EET 264, CAM 124, MET 150, SKT 152, SKT 159, or CAM 126.

* Ohio Transfer 36

More information about Ohio Transfer 36 can be found at transfercredit.ohio.gov.

OWENS.EDU

Office of Admissions

Toledo-area Campus - (567) 661-7777
Findlay-area Campus - (567) 429-3509

School of Science, Technology, Engineering and Mathematics

(567) 661-7457



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COMMUNITY COLLEGE