



Your Success
Starts Here.



INTEGRATED MACHINING & ENGINEERING AT CLAY HIGH SCHOOL

Owens Community College Major: Applied Engineering Technology

Program Length: 4 Semesters

Credits: 60-63

PROGRAM INFORMATION

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

For the associate of applied engineering degree holder the salary range is around \$45,000 - \$52,000 varying by region of the country.

TECH PREP SCHOLARSHIP

Owens Community College offers Tech Prep scholarships to graduating high school seniors who have participated in a Tech Prep career pathway within the Greater Northwest Ohio Tech Prep Consortium. The maximum award is \$2,000 total (\$1,000 per year) or \$500 per semester for four semesters to cover tuition, fees, and an allotment for books **that are not covered** by other financial aid, such as the Federal Pell Grant, as long as the student maintains eligibility. This scholarship does not pay for supplies, lab fees, course fees, and other institutional fees. Students must have earned a 2.5 on a 4.0 by the end of the 7th semester of high school. They must enroll at Owens, full time, for the fall semester immediately following high school graduation, and declare an associate degree program related to the chosen high school Tech Prep pathway.



OWENS
COMMUNITY COLLEGE



Apply Today!

owens.edu

1ST SEMESTER

STM 105 Technology in Society	Credits: 2
MTH 143 Applied Industrial Mathematics	Credits: 3
AIM 110 Principles of Mechanical Sys	Credits: 3
CAD 120 Manual Drafting	Credits: 2
IST 131 Computer Concepts and Apps	Credits: 3
CAM 160 Machining I	Credits: 2

2ND SEMESTER

CAM 161 Machining II	Credits: 2
EET 100 Fundamental DC Analysis	Credits: 3
WLD 191 Intro to the Welding Processes	Credits: 2
ENG 111 Composition I*	Credits: 3
PSY 111 Indust/Organization Psych	Credits: 3
PHY 143 Applied Industrial Physics	Credits: 3

3RD SEMESTER

ENV 110 OSHA General Safety	Credits: 3
EET 165 Fundamental DC Analysis	Credits: 3
SKT 151 Fluid Power: Hydraulics	Credits: 3
CAM 122 CNC Mill Applications	Credits: 2
SPE 210 Small Group Communication	Credits: 3
____ Elective	Credits: 3 to 4
*Select 3 to 4 credits from: EET 264, CAM 124, SKT 152, SKT 159, SKT 181 or CAM 126	

4TH SEMESTER

WLD 192 SMAW (Flat & Horizontal)	Credits: 2
EET 166 Automation Control: PLC II	Credits: 2
SKT 153 Fluid Power: Pneumatics/Logic	Credits: 2
ENG 130 Intro to Technical Comm	Credits: 3
____ Elective	Credits: 3 to 4
*Select 3 to 4 credits from: EET 264, CAM 124, SKT 152, SKT 159, SKT 181 or CAM 126	

Students will also earn AIM 140 Blueprint Reading for Industry (Credits: 2), AIM 142 Mechanical Blueprint Reading (Credits: 3), AIM 143 Machining Blueprint Reading (Credits: 3) and AIM 165 Material Science (Credits: 2).

CAM 120 – In order to earn the CTAG credit, the student must pass Manufacturing Processes with a C or better.



This program participates in College Credit Plus (CCP) at Owens Community College, as well as earns college credit through the (CT)² program and articulation agreements.

College Credits earned via CCP:	10
College Credits earned via (CT) ² :	02
College Credits earned via Articulation:	04
TOTAL:	16

Cost savings to the student: \$3,978
Calculation is based on current tuition structure, and is subject to change.

Students do not receive an application fee if they continue their studies at Owens Community College!

For enrollment information, please contact your Admissions Representative:

Office of Admissions
 30335 Oregon Rd.
 Perrysburg, OH 43551
 (567) 661-7777

*Ohio Transfer Module Course More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

Your *Success* Starts Here.

