



INDUSTRIAL MECHANIC CERTIFICATE

PROGRAM THE CERTIFICATE IS A PART OF

Mechanical Major

JOB OPPORTUNITIES FOR GRADUATES

There are a number of skilled positions/careers available to students taking this program. Positions held maintenance technician, industrial mechanic, and millwrights.

According to the DOL Bureau of Labor Statistics the job outlook through 2022 is good. Nationally companies are looking to fill employment gaps ranging from 17% to 19% depending on the position. Locally we are looking at a skills shortage in a variety of skilled trade positions. With the current skilled workforce shrinking due to the large number of retirements and not enough new workers entering these fields to adequately replace those retirees; the demand has/is growing daily.

SALARY

The median annual wage for industrial machinery mechanics and maintenance workers and millwrights is \$45,840. The lowest 10 percent earned less than \$29,020, and the top 10 percent earned more than \$69,990.

Apprentices will make less than journeymen make, however they are on a progressive pay scale. Generally apprentices receive pay increases as they progress through their apprenticeship. As apprentices advance in their skills and are capable of working with limited supervision their rate of pay reflects that knowledge and skill advancement

LOCATION

Toledo-area Campus

REQUIRED COURSES

The Age of Coursework for Skilled Trades (SKT) courses is 6 years - chair approval required for courses beyond that. Please refer to College Policy, Chapter 2 - Academic, 3358:11-2-22 Age of Coursework Policy.

Technical courses may be selected from but are not limited to the classes listed, based on department approval.

MTH 15	Applied Algebra	Credits: 2(Lec: 2)
MTH 152	Applied Geometry/Trig	Credits: 2(Lec: 2)
AIM 143	Machining Blueprint Reading	Credits: 3(Lec: 2 Lab: 3)
SKT 151	Fluid Power: Hydraulics	Credits: 3(Lec: 3)
SKT 157	Plant Equipment: Gear/Bearings	Credits: 3(Lec: 3)
SKT 156	Conveyors/Systems	Credits: 3(Lec: 3)
CAM 160	Machining I	Credits: 2(Lec: 1 Lab: 3)
SKT 238	Machine Moving and Repair	Credits: 3(Lec: 3)
SKT 239	Mechanical Power Trans System	Credits: 2(Lec: 2)

COURSE ELECTIVES

Select 6 credits from Course Electives listed:

CAM 161	Machining II	Credits: 2(Lec: 1 Lab: 3)
SKT 152	Fluid Power: Pumps/Systems	Credits: 3(Lec: 3)
SKT 153	Fluid Power: Pneumatics/Logic	Credits: 3(Lec: 3)
SKT 150	Piping Systems	Credits: 3(Lec: 3)
SKT 159	Pipefitting/Plumbing Con	Credits: 3(Lec: 3)
SKT 160	Machinery Handbook	Credits: 2(Lec: 2)
WLD 191	Intro to the Welding Processes	Credits: 2(Lec: 1 Lab: 3)
WLD 192	SMAW (Flat & Horizontal)	Credits: 2(Lec: 1 Lab: 3)
WLD 193	SMAW (Vertical and Overhead)	Credits: 2(Lec: 1 Lab: 3)

For gainful employment data, visit www.owens.edu/gainful-employment/gedt-15.0612-zind.html

For more information, visit www.owens.edu or call:

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



OWENS
COMMUNITY COLLEGE