



PIPEFITTER/PLUMBING CERTIFICATE

PROGRAMS THE CERTIFICATE IS A PART OF

Mechanical and Building Maintenance Majors

JOB OPPORTUNITIES FOR GRADUATES

There are a number of skilled positions/careers available to students taking this program. Positions graduates hold are pipefitters, plumbers, building and grounds maintenance, and many become contractors.

According to the DOL Bureau of Labor Statistics the job outlook thru 2022 is good. Employment for plumbers is projected to grow 21% by 2022, faster than the average for all occupations. Commercial and residential building construction will drive employment growth as the construction industry continues to recover from the recent recession. Demand for plumbers will stem from new building construction and stricter water efficiency standards for plumbing systems, such as low-flow toilets and showerheads. Adding to the growth will be construction of new power plants, factories and new regulations governing sprinkler systems.

SALARY

The median annual wage for plumbers, pipefitters, and steamfitters is \$49,140. The lowest 10 percent earned less than \$29,020, and the top 10 percent earned more than \$84,440.

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 151	Applied Algebra	Credits: 2(Lec: 2)
MTH 152	Applied Geometry/Trig	Credits: 2(Lec: 2)
AIM 140	Blueprint Reading for Industry	Credits: 2(Lec: 2)
SKT 145	Building Print Reading	Credits: 2(Lec: 2)
SKT 150	Piping Systems	Credits: 3(Lec: 3)
SKT 159	Pipefitting/Plumbing Con	Credits: 3(Lec: 3)
SKT 139	Plumbing Codes	Credits: 2(Lec: 2)
SKT 188	Piping Print Reading	Credits: 2(Lec: 2)
SKT 151	Fluid Power: Hydraulics	Credits: 3(Lec: 3)
WLD 191	Intro to the Welding Processes	Credits: 2(Lec: 1 Lab: 3)

COURSE ELECTIVES

Select 6 credits from the following:

SKT 152	Fluid Power: Pumps/Systems	Credits: 3(Lec: 3)
SKT 153	Fluid Power: Pneumatics/Logic	Credits: 3(Lec: 3)
SKT 195	Low/High Pressure Boiler	Credits: 4(Lec: 4)
SKT 288	Stationary Steam Engineer	Credits: 2(Lec: 2)
WLD 192	SMAW (Flat & Horizontal)	Credits: 2(Lec: 1 Lab: 3)
WLD 193	SMAW (Vertical and Overhead)	Credits: 2(Lec: 1 Lab: 3)
WLD 261	Pipe Welding	Credits: 2(Lec: 1 Lab: 3)

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