

# WELDING

Level 1 2020-2021



**Welding (Level 1)** students become proficient in performing welding processes, learn cutting process and how to operate various power tools. This program provides training in an industrial setting and prepares students for certification testing. Students completing this program are in high demand for local and not so local welding jobs.

## Program Highlights:

- Learn to operate power tools such as a metal shear, horizontal band saw, drill press, belt sander, pedestal grinder, vertical band saw, portable grinder, portable drill

## The Program Focuses on the Following State Approved Courses:

- Welding Technologies
- Gas Metal Arc Welding
- Shielded Metal Arc Welding
- Flux Core Arc Welding



## COST-FREE COLLEGE CREDIT OPPORTUNITIES

### Career Technical Assurance Guides (CTAGs)

- CTW007: Oxy-Fuel Welding and Cutting (3 Credit Hours)
- CTW008: Shielded Metal Arc Welding SMAW (STICK) (3 Credit Hours)
- CTW009: Gas Metal Arc Welding GMAW (MIG) (3 Credit Hours)

## INDUSTRY-RECOGNIZED CREDENTIALS (POINT VALUES)

- OSHA 10-Hour Training (1 Point)
- American Welding Society (AWS) – Certified Welder (12 Points)

## OHIO MEANS JOBS OCCUPATIONS LISTED ACCORDING TO TYPICAL SALARY

OCCUPATION TITLE	TYPICAL SALARY-BOTTOM 10%	TYPICAL SALARY-MEDIAN	EDUCATION LEVEL	ANNUAL JOB OPENINGS
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders*	\$28,240	\$38,600	HS Diploma or Equivalent	290
Welders, Cutters and Welder Fitters	\$28,840	\$39,930	HS Diploma or Equivalent	1,970
Pipe Fitters and Steamfitters	\$31,690	\$55,280	HS Diploma or Equivalent	2,020

**JOB OUTLOOK COMPILED BY OHIO MEANS JOBS AS OF OCTOBER 2020; VISIT [OHIOMEANSJOBS.COM](http://OHIOMEANSJOBS.COM) FOR MORE INFORMATION.**

\*Denotes an In-Demand Occupation in the State of Ohio

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EDUCATION WITH PURPOSE  
**CAREER TREE**



**TECHNICAL CAREERS**

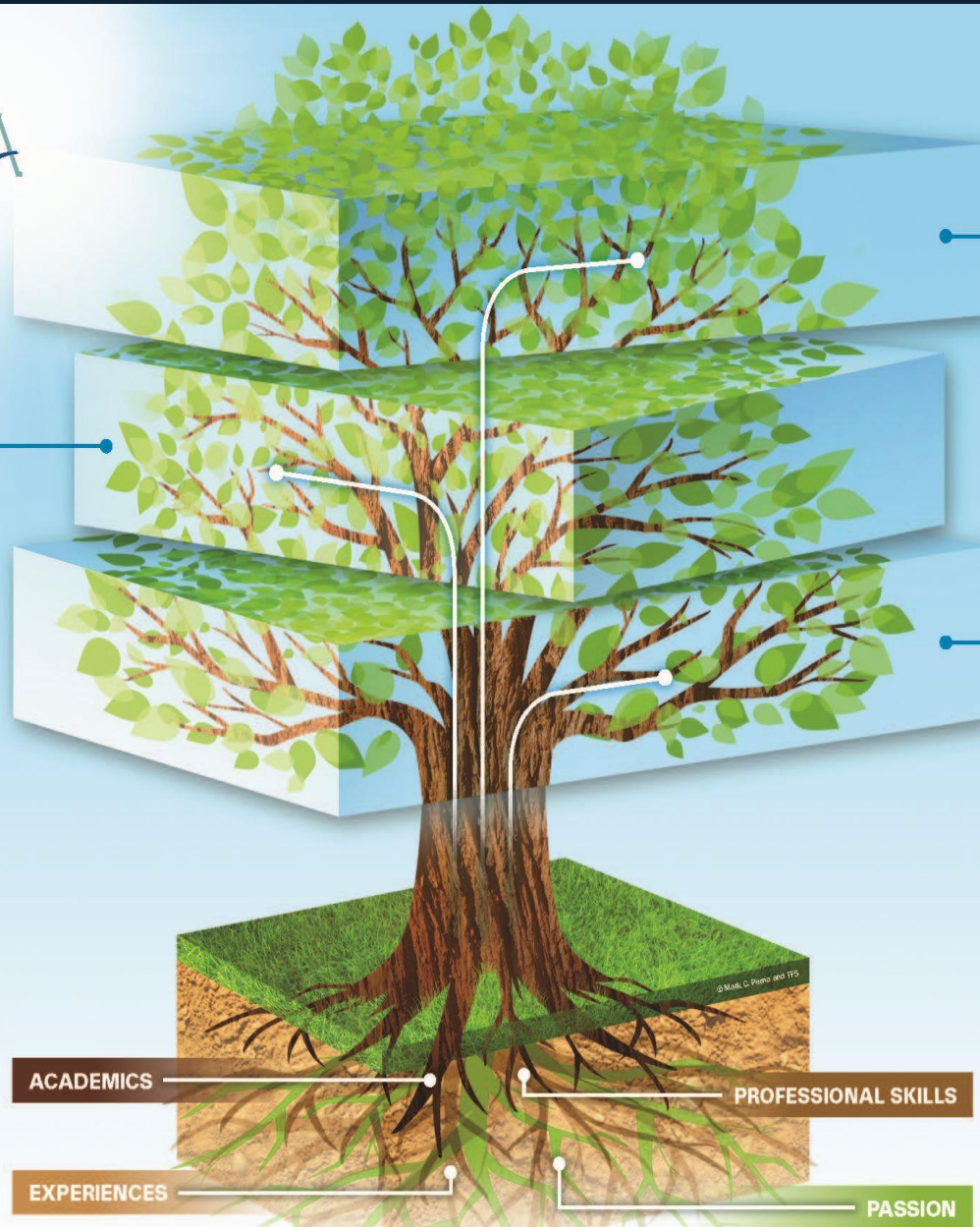
- Welder
- Metal Fabricator
- Non-Destructive Testing Technician
- Combo Welder
- Maintenance Welder
- AWS Welder
- Boilermaker
- Pipefitter/Welder
- Journeyman Welder
- Journeyman Iron Worker
- Journeyman Pipe Welder
- Welding Inspector

**PROFESSIONAL CAREERS**

- Instructor
- Company Owner
- Safety Manager
- Manufacturer Sales Representative
- Project Manager
- Plant Superintendent
- Certified Pipe Welder
- Site Superintendent
- Mechanical/Welding Engineer
- Estimator
- Metallurgist
- Safety Inspector

**ENTRY-LEVEL CAREERS**

- Production Welder
- Fabrication Shop Welder
- Construction Welder
- MIG/TIG Entry-Level Welder
- Iron Worker Apprentice
- Pipe Welder Apprentice
- Fabricator
- Boilermaker Apprentice
- Certified Welder
- Sheet Metal Worker
- Structural Welder
- Repair Welder



**WELDING**



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