WELDING

Level 1 2025-2026

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:

- Gas Metal Arc Welding
- Flux Cored Arc Welding
- Shielded Metal Arc Welding
- Gas Tungsten Arc Welding

COST-FREE COLLEGE CREDIT OPPORTUNITIES

Career Technical Assurance Guides (CTAG)

- CTS001: OSHA 10-Hour Safety (1 Credit Hour)

INDUSTRY-RECOGNIZED CREDENTIALS (POINT VALUES)

- American Welding Society (AWS) - Certified Welder (FCAW) (12 Points)
- American Welding Society (AWS) - Certified Welder (GMAW) (12 Points)
- American Welding Society (AWS) - Certified Welder (GTAW) (12 Points)
- American Welding Society (AWS) - Certified Welder (SMAW) (12 Points)
- OSHA 10-Hour Training (1 Point)
- Ohio Driver's License (1 Point)

OHIO MEANS JOBS OCCUPATIONS LISTED ACCORDING TO TYPICAL SALARY

OCCUPATION TITLE	TYPICAL SALARY-BOTTOM 10%	TYPICAL SALARY-MEDIAN	TYPICAL EDUCATION	ANNUAL JOB OPENINGS
Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic*	$34,360	$41,420	HS Diploma or Equivalent	650
Welders, Cutters, Solderers & Brazers*	$38,380	$49,410	HS Diploma or Equivalent	1,900
Sheet Metal Workers*	$39,220	$62,940	HS Diploma or Equivalent	390
Plumbers, Pipe Fitters & Steamfitters*	$40,720	$62,530	HS Diploma or Equivalent	1,350

JOB OUTLOOK COMPILED BY OHIO MEANS JOBS AS OF SEPTEMBER 2025; VISIT OHIOMEANSJOBS.COM FOR MORE INFORMATION.

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

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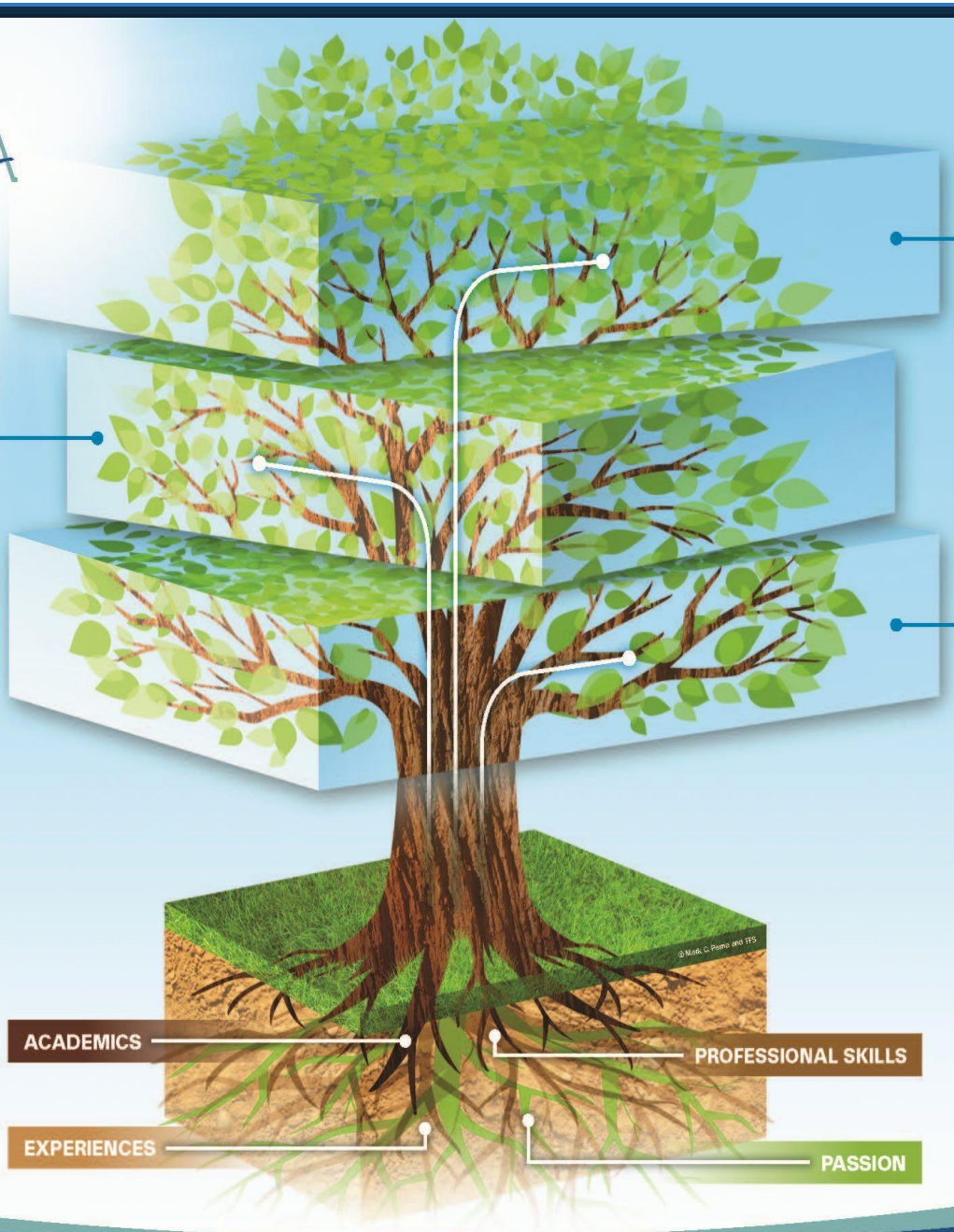
EDUCATION WITH PURPOSE

CAREER TREE®

PENTA CAREER CENTER

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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