

WELDERS

OCCUPATION OUTLOOK IN MICHIGAN, 2023

WHAT OPPORTUNITIES ARE AVAILABLE?

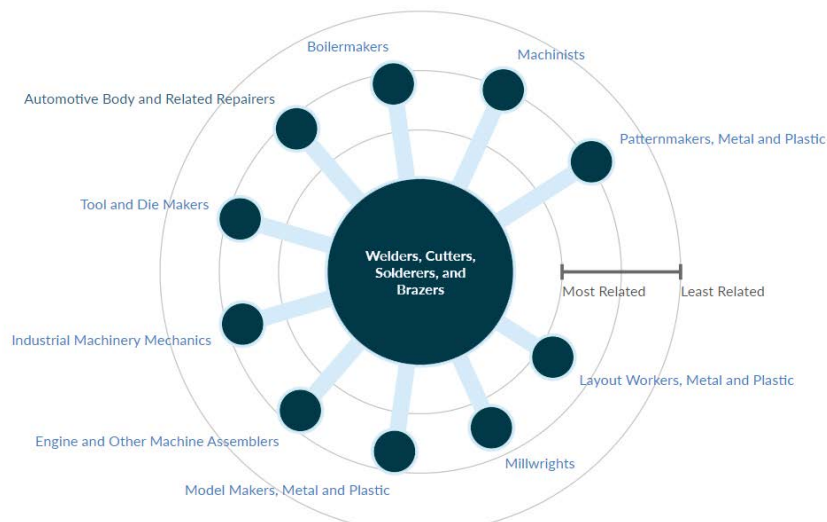
Welding has grown steadily and provides students with opportunities to explore different processes to weld, cut, solder, or braze metals together. Welder programs provide key career skills, safety, and professional knowledge for successful performance. Common processes used by welders include: shielded metal arc, gas metal arc, gas tungsten arc welding, thermal cutting and weld inspection.

**14,862
WORKERS
EMPLOYED**

HOW MUCH COULD I EARN?

	ENTRY	MEDIAN	EXPERIENCED
Welders, Cutters, Solderers, and Brazers	\$14.43	\$18.69	\$29.12

RELATED CAREER PROFILES



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WHAT EDUCATION & SKILLS WILL I NEED?

To become a welder, most employers require a high school diploma or equivalent coupled with moderate-term on-the-job training for entry. Nearly all postings specifying education, or 39.9 percent, require a high school diploma or equivalent, and a certification as Certified Welder is a highly demanded qualification.

WHAT AREAS OF STUDY SHOULD I CONSIDER?

In 2021, there were 491 welder educational program completions, with the Welding Technology/Welder educational program having the highest completion number. Another welding program that had a high completion number is the Welding Engineering Technology/Technician program. Completions in these and similar programs within the region are shown below compared to job openings.

WHAT SKILLS SHOULD I DEVELOP?

- Metal Inert Gas (MIG) Welding
- Welding
- Gas Tungsten Arc Welding
- Fabrication
- Aluminum
- Welding Equipment
- Hand Tools
- Blueprinting
- Grinding Machine
- Welding Symbols

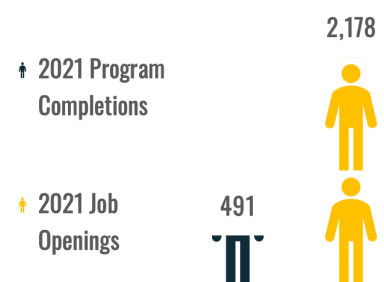
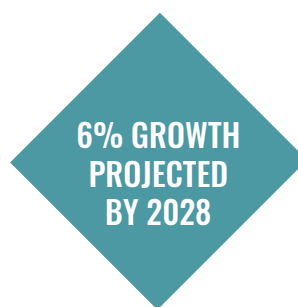
WHAT QUALIFICATIONS SHOULD I PURSUE?

- Valid Driver's License
- Certified Welder
- American Welding Society Certification
- Certified Welding Inspector
- Security Clearance

WHAT ELSE SHOULD I KNOW?

Welding is a hands-on occupation that operates in many fields and has experienced consistent demand. The top posting industries for welders include manufacturing and construction. Salary approximations for welders can range from \$30,000 to over \$60,000 with experience.

IS THIS FIELD EXPECTED TO GROW?



HOW DO I GET STARTED?

For more information on how to start your career as a health care technician visit www.winintelligence.org.

