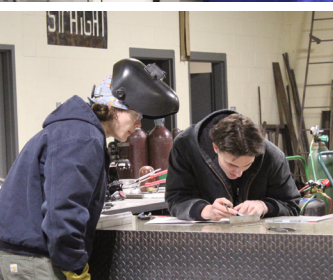
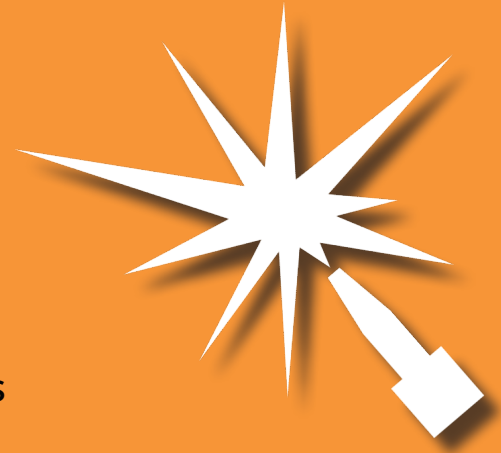


WELDING

Sparks fly as you forge your path to a stronger tomorrow

Turn your passion for Welding into a career. The Welding program is a rigorous, two-year, hands-on program. Students will focus on working safely and skillfully with a range of industry-standard welding tools and methods that focus on all aspects of OFC, SMAW, GMAW, GTAW and FCAW welding. Students will discover how to read blueprints, measure for accuracy and learn the physical properties of metals while developing steady hands and a sharp eye for accuracy. The curriculum exposes students to a wide range of job skills and employability experiences to jump-start their future in the industry.



What You Can **LEARN**

Units of Study

- Safety
- Oxy Fuel Cutting (OFC)
- Weld Symbols
- Weld Prints
- Power Saws
- Shielded Metal Arc Welding (SMAW)
- Gas Metal Arc Welding (GMAW)
- Gas Tungsten Arc Welding (GTAW)
- Flux Core Arc Welding (FCAW)
- Inspection
- Code Work
- Career Readiness
- Plastic Welding



What You Can **EARN**

Available High School Academic Credits

At district request, students may earn:

- English

Licensing/Industry-Based Certifications

Students have opportunities to earn:

- OSHA 10 Construction

Work-Based Learning

- School-Based Learning
- Educational Tours
- Guest Speakers
- Career Fair
- Co-op
- Job Shadow



Where You Can **GO**

Career Opportunities

Minimal Requirement Beyond CTE

- Welder

Additional Education and/or Experience

- Inspector
- Robotic Welding Operator/Programmer
- Metal Fabricator
- Construction

Postsecondary Pathways

Articulation Agreements

- Alfred State

Now You Can **KNOW**

The New York State Department of Labor projects a 5.6% increase in welding jobs in the Finger Lakes region between 2018 and 2028.



Monroe 2-Orleans BOCES Career and Technical Education

WEMOCO Career and Technical Education Center

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