## The Wide World of Welding

### **Related occupations**

- \* SMAW/GTAW/GMAW/FCAW Welder
- Welding Machine Operators
- Metal Fabricators
- Oxy Fuel Cutters
- Pipeline Welder
- \* X-Ray Quality welder



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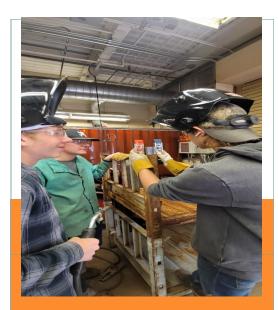
# Corry Area Career and Technical Center Welding Technology

(CIP 48.0508) Instructor Eric Bimber

#### **Certifications**

Students in this 3 year program will take the <u>NOCTI</u> written and performance exam to test their knowledge and skills. Students can earn an end of program certificate.

Students will also earn an Occupational Safety and heath administration certificate (OSHA). <u>OSHA</u> is a 10-hour General Safety Training Certification that provides students training for entry level work.



### Explanation

In welding we learn TIG (Tungsten Inert Gas welding), MIG : GMAW ( Metal Inert Gas welding), SMAW( Stick Metal Arc Welding ), Flux core welding, and CARC (Carbon Arc welding) . Students will have an opportunity to earn an AWS Welding Certificate to be a certified welder.



## **Cooperative Education**

During senior year, a student may be eligible to participate in a supervised Cooperative Education on-the-job training program with a local business or industry in the Corry area. This opportunity gives student first-hand work experience for employment and/or application for college. It also gives the ability to be paid to go to work.

### **Summary**

In Welding occupations, students learn how to properly set up welding machines. The students practice all the fillet and grove welding positions with Stick, Tig Mig, and Flux Core welding applications.

