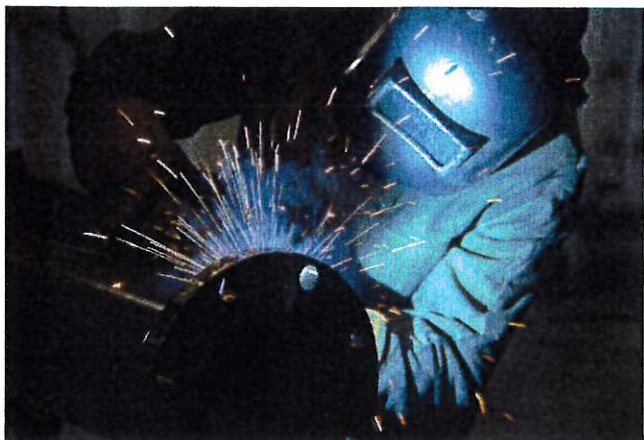




# MT. VERNON HIGH SCHOOL

## Welding II



### Dual Credits

12 hours of dual credit from IVY Tech Community College

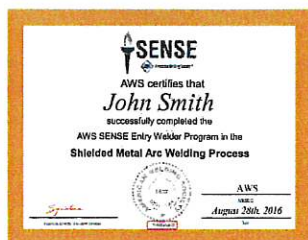
- Weld 208 - Gas Tungsten Arc (TIG) Welding
- Weld 210 - Welding Fabrication I
- Weld 272 - Advanced Gas Metal (MIG) Welding II
- Weld 273 - Advanced Gas Tungsten Arc Welding II



### Certifications

AWS SENSE

- SENSE 3G GMAW
- Sense GTAW
- Sense FCAW



### Program Overview

Principles of Welding Technology includes classroom and laboratory experiences that develop a variety of skills in oxy-fuel cutting and basic welding. This course is designed for individuals who intend to make a career as a Welder, Technician, Designer, Researcher, or Engineer. Emphasis is placed on safety at all times. OSHA standards and guidelines endorsed by the American Welding Society (AWS) are used. Instructional activities emphasize properties of metals, safety issues, blueprint reading, electrical principles, welding symbols, and mechanical drawing through projects and exercises that teach students how to weld and be prepared for postsecondary and career success.

### Recommended Qualifications

Basic Math, Literacy, Science foundational skills  
Geometry preferred

Ability to handle quick-paced, high-pressure situations in a high-risk environment that is often loud

Ability to work independently after the given direction

No more than three discipline referrals and no out of school suspensions

No more than ten absences per year

Physical activity involved

### Supplies/Materials

Course Fees: \$125 - Consumables

Estimated Personal cost is \$150

Students will have already purchased their own personal protective equipment: boots, gloves, safety glasses, jackets and hood.



# MT. VERNON HIGH SCHOOL

## CTE Program Application

**Student Full**

**Name/Signature:** \_\_\_\_\_

**Parent Signature:** \_\_\_\_\_

**Program Of Interest (check):**

- Criminal Justice
- Construction
- Health Science I/II
- Welding I/II

**Questions:**

Briefly describe why you want to take a career program class :

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\*Students participating in any CTE program are required to stay in the program for the entire school year.

**Counselor Review:**

**GPA:** \_\_\_\_\_

Is the student on track to graduate high on time? (Circle one)    Yes    No

How many days of school did the student miss during this school year?

Excused: \_\_\_\_\_ Unexcused: \_\_\_\_\_

How many tardies did the student receive during this school year?

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Does the student have a disciplinary record?

Yes: \_\_\_\_\_ No: \_\_\_\_\_