

# Welding

**Transcript Category:** non “a-g” elective

**Recommended Grade Level:** 9<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, or 12<sup>th</sup>

**Prerequisite:** None

**Length:** Semester or year

## Course Title and Credit Value

- Welding A (5 Credits)
- Welding B (5 Credits)

## Course Description

Welding is a course that will allow students hands-on experience with tools and materials that make welding possible. This course stresses the importance of shop safety and how to properly maintain equipment. Students may design and build a series of projects under the direction of the instructor. Students may explore welding techniques such as oxy-acetylene, arc welding and tungsten inert gas.

## Suggested Curriculum

Online	Credits
Training 360 <ul style="list-style-type: none"><li>• Welding Training (<a href="#">9 Courses</a>)</li></ul>	5
Textbook	Credits
Amazon <ul style="list-style-type: none"><li>• <a href="#">Farm and Workshop Welding: Everything You Need to Know to Weld, Cut, and Shape Metal</a></li><li>• <a href="#">Modern Welding</a></li></ul>	10
Hobart Institute <ul style="list-style-type: none"><li>• <a href="#">Shielded Metal Arc Welding Basic</a></li><li>• <a href="#">Welding Guide</a></li></ul>	10

## Helpful Resources

- [Blueprint Reading for Welders, Spiral bound Version](#)
- [Welding Licensing Exam Study Guide](#)
- [Welding Symbols Quick Card](#)
- [Welding Activity Log](#)

## Course Expectations

1. Student will work in the course a minimum of 60 hours per semester showing academic progress each learning period.
2. Complete all elements of the course as assigned.
3. HST will collect at least one work samples each learning period.

**Note:** Students may use educational funds for books, DVDs, and online curriculum specific to a welding course. However, educational funds cannot be used for sharp tools. Please reach out to Enrichment with questions.

