

Arc Welding 2 Syllabus

Spring Semester Welding 2 WLDT 107

Instructor Information

Instructor
Mr. Henson

Email
Hensont@beleneagles.org

Office Location & Hours
BHS Welding Shop Rm. 702

General Information

Description

Students will continue skills learned from WLDT 105. Students will complete V-Groove welds and how to set up welding equipment for making a V-Groove weld. Students will be provided procedures for making flute, horizontal, vertical and overhead v-Groove welds.

Expectations and Goals

1. Major Emphasis on welding symbols
2. Reading Shop Drawings
3. Figuring out Bill of Material
4. Identify Shapes of Metals
5. Learning to draw the shapes of an object in isometric drawings
6. Perfecting and applying Arc techniques

Course Outline

1. Lecture with or without various aids
2. Group problem Solving, Debate and Discussion
3. Computer Assisted Instruction
4. Hands on lab time
5. Shop Safety lecture
6. Shop Safety Test (Test will need to be 90% or higher to operate in the lab 3 chances will be given to pass the test. If not passed student will be asked to be removed from the class.)
7. Lab welding
8. Various progression tests

Course Materials

Required Materials

- 1-spiral notebook for notes
- 1-graph book for drawings
- 2- pencils
- 2- black pens

Additional Information and Resources

- High school students will be required to pay lab fees before entering the shop.
- High school students will be given a warning for the first safety violation and loose points for the day. The second time a student has a safety violation he/or she will be removed from the lab for a week's time losing points and send to the office. If a third safety violation occurs student will be removed from the lab and class indecently and loose college credit and high school credit.