Pipe Welding Syllabus
Fall Semester Welding 3 WDLT 130

Instructor Information

Instructor
Mr. Henson
Mr. Brown

Email
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Office Location & Hours
BHS Welding Shop Rm 702

General Information

Description
This course utilizes advanced arc welding, oxyacetylene welding and cutting skills. Emphasis is placed on the open groove pipe joint. This course will include alignment techniques, oxy cutting of pipe, pre-heat of inner pass temperatures and mechanical preparation of the joints.

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

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.)

Course Materials

Required Materials

- 1-spirl 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 lose points for the day. The second time a student has a safety violation he/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 lose college credit and high school credit.