

Metals I (1 Semester)

This course will teach the students about the various types of metals and the processes used to give them the desired qualities. The students will learn about iron, steel, alloys, nonferrous metals, and the treatments of these metals.

The other part of the this course will deal with arc welding, mig welding, and oxy/acetylene welding. The students will become proficient with a cutting torch station and the various welders when it comes to the safe operation of and the general maintenance required to produce desired results.

There will be required welds from various joints in various positions. By taking this class, the students will get a good understanding of the welding industry and they will be able to produce mig and arc welds safely and efficiently. They will not be able to become certified. It will hopefully encourage some to continue on with their welding education at a technical college where they can become certified.

There is a \$25.00 shop fee to help cover the cost of electrodes and gases used in the class for welding and cutting.

Maximum Class Size: 16