

Metals II

Grade: 10 - 12

Credit/Length: 1/2 credit 1 semester

Lab Fee:

Any extra projects a student wants to build the materials will be paid for by student.

Supplied: Safety Glasses, Helmet, Welding Jacket, Gloves and Ear Plugs will be provided by instructor. You can bring your own if you want.

Materials Needed:

Notebook Pencil Leather Shoes (safe for welding)

Course Description:

Learn how to put your metals skills to use. We will be review the basics of safety and welding covered in Metals 1. The students will learn how to read and construct building plans for small projects and put them to use in solving every problems. All these subjects play a large role in today's society and are skills that can benefit your success with your post high school career. This course is not just about a skill but learning to problem solve by applying what they have learned in school.

Course Objectives:

- 1) For students to understand lab safety.
- 2) Demonstrate teamwork.
- 3) Have understanding of the design process.
- 4) Know how to read and produce plans.
- 5) Understand the importance on manufacturing in our economy.
- 6) See real world application of manufacturing.

Classroom Rules:

Following the rules in a lab environment is necessary for the safety of every Student in it. Not following the rules will result in removal of the class. You will be given the rules on the first day of class.

Safety

If students do not have appropriate safety gear on they will not participate in lab.

1st offense- lose lab points

2nd offense- lose lab points and parents will be contacted

3rd offense- lose lab points and parents will be called and improvement plan will be discussed.

Grading:

- Daily work, quizzes, tests, and Lab points are weighted the same.
- Student is accountable for getting makeup work when gone.
- Students are given opportunity to complete all work in class.

Additional Time:

If you need extra time to work on an assignment or project, set up a time with me during class to work afterschool or during WIN sessions.

Contact Info: Don't hesitate to email or call me with any questions or concerns.

- Email: tbroeren@west-fargo.k12.nd.us or Phone: 356-2050