

## **Metals II (1 Semester)**

This course will cover the safe and efficient use of a metal lathe, foundry, and forge. Emphasis will be spent on proper care and maintenance of equipment and tools associated with metalworking such as grinders and wheels, metal band saws, lathes, foundry, forge, sheet metal equipment and tools, and the sharpening of metal cutting tools. The students will also learn about creating threads with tap and die.

The students will produce a product out of sheet metal, a lathe product made of plastic, a foundry product made of aluminum, and metal heating processes using the forge. This course will hopefully encourage some students to continue their education in the field of machining at a technical college.

**There is a \$20.00 shop fee to help cover the costs of gases and supplies used in the class.**

Maximum Class Size: 16