

## Syllabus

**Course/Grade Level: Metal Working**

**Grades 9-12**

**Course Description:** This semester course will emphasize on basic information on tools, materials, machines and procedures used in metal working. The students will demonstrate their ability to safely use hand tools and power tools in the shop. The units covered will be sheet metal, safety, and drafting. Students will be expected to design and draw a sheet metal tool box.

**Course/Grade Level: Beginning Woods**

**Grades 9-12**

**Course Description:** This semester course is a continuation of the woodworking and drafting program started in junior high. The review of the use of hand tools and the continual development of safe working habits will be stressed. Studying the safety operations of the power equipment used in the shop will help to develop the skills in handling the tools properly. This course will also be devoted to the importance of making good plans to follow when making a project, calculating board feet, to make a bill of materials, and to developing cooperation, communication and responsibility to others when working in groups. The students will demonstrate their ability to safely use the hand and power tools in the shop by drawing the plans and the construction of several required projects.