



Name of School:

Name of Course: **Basic Woodworking**

### **Instructor Information**

**Name:**  
**E-mail address:**  
**School phone number:**  
**Web page address:**  
**Best times to be reached:**

### **Course Description**

The fundamentals of hand tool and machine woodworking will be taught through lecture, demonstration, and activity. Students will construct and apply a finish to a small item to develop skill in the use of tools and techniques. Safety will receive special emphasis. Material fee required.

### **District Standards and Power Benchmarks**

#### **Power Standards**

Students will be able to:

1. Use all equipment correctly and safely.
2. Interpret specifications of woodworking plans.
3. Demonstrate woodworking skills.
4. Recognize career opportunities in woodworking related skills.

#### **Power Benchmarks**

Students will be able to:

1. Apply safety in guided lab work.
2. Name parts and specify operations of lab equipment.
3. Know how to read project plans.
4. Demonstrate ability for teamwork.
5. Work collaboratively with other students.
6. Ability to identify ruler fractions.
7. Ability to select wood.
8. Ability to assemble projects.
9. Apply a finish.
10. Ability to compute the cost of projects.

### **Course Information**

Course Length – 1 Term, Elective, .5 Credits  
No prerequisite

### Course Outline/Calendar

Safety tests, lab projects, bookwork-notebook will be needed

- I. Tree growth and lumber production.
  - II. Measurement
  - III. Hand tool & Machine Operation and Safety
  - IV. Joinery and wood fastening.
  - V. Project Planning
  - VI. Sanding & Finishing
  - VII. Career options.
- Course is for 1 term (9 weeks).

### Text/Other Required Materials/Resources

Textbook: Wood: Technology & Processes, Publisher: McGraw Hill/Glencoe, 2006, Author: John Feirer  
Safety Glasses are required by all during any lab activity and may be purchased at the school. They must be of a clear, high-impact resistant plastic with side shielding, and the Z87.1 coding stamp. Open-toed shoes are not allowed during lab work. Spare work clothes are best to have on hand because good ones do not exempt a student from any lab assignment.

### Instructional Procedures & Support

Attendance is a priority. Students are responsible for the collection of information that will build throughout the term. This information will come in a variety of forms which may include; lecture, discussion, handouts, guest speakers, daily logs, bookwork, reports, videos, lab demos, and lab activities. Students are responsible for seeking out missing work as soon as possible and at a convenient time, set up with the instructor.

### Classroom Management Procedures

1. District policies, as found in the student planner, will be enforced.
2. Attendance is the key to the complete acquisition of all information presented.
2. Treat all classmates and instructor with respect at all times.
4. Students are responsible to for all missing assignments.
5. No food or drink in the classroom.
6. No electronic devices eg. Cell phones, I-pods, and cameras.

### Assessment Plan

Grades will be given for: daily performance, written quizzes, tests, projects and notebook.

### Grading System

<b>A</b>	93 and above	Firm command of knowledge domain
<b>A-</b>	90 – 92	High level of skill development Exceptional preparation for later learning
<b>B+</b>	87 – 89	Command of knowledge beyond the basic concepts of knowledge
<b>B</b>	83 – 86	Advanced development of most skills
<b>B-</b>	80 – 82	Has prerequisites for later learning
<b>C+</b>	77 – 79	Command of the basic concepts of knowledge
<b>C</b>	73 - 76	Demonstrates ability to use basic skills
<b>C-</b>	70 – 72	Lacks a few prerequisites for later learning
<b>D+</b>	67 – 69	Lacks knowledge of some fundamental ideas
<b>D</b>	63 – 66	Some important skills not attained
<b>D-</b>	60 – 62	Deficient in many of the prerequisites for later learning
<b>F</b>	59 and below	Most of the basic concepts and principles not learned Most essential skills have not been demonstrated Lacks most prerequisites needed for later learning