

**Brandywine Heights Area School District  
200 W. Weis Street, Tipton, PA 19562**

**Course Syllabus for Wood I (Grades 9 – 12)  
Mr. Schmidt**

**Overview:**

Using wood as medium, students will be given the opportunity to explore the world of construction and manufacturing. While in class, they will receive exposure to wood as it is used in our economy as a natural resource, and career opportunity in the wood industry.

**Textbook(s) and other Resources used:**

Text – *Wood Technology & Processes BY Mark D Feirer & John L. Feirer. The McGraw-Hill Companies.*; Copyright 2011.

Student Workbook

Transparencies

Visual Aids

Demonstrations

Videos

**Outline of Content:**

**First Quarter:**

**Topics:**

1. Shop, Tool and Machine Safety
2. Project Selection and Pricing
3. Project Construction
4. Wood Theory
5. Wood Properties
6. Mechanical and Chemical Fasteners

**Tests:**

1. Safety Tests – *100% mandatory passing Grade*
  - a. Jointer
  - b. Planer
  - c. Table Saw
  - d. Scroll Saw
  - e. Band Saw
  - f. Sanders
  - g. Drill Press
2. Wood Theory
3. Wood Properties
4. Mechanical and Chemical Fasteners.

## **Second Quarter:**

### **Topics:**

1. Continuous Project Work
2. Additional Project Planning and Layout as/if needed
3. Abrasives
4. Wood Stains and Finishes

### **Tests:**

1. Abrasives
2. Wood Staining and Finishing Techniques

### **Miscellaneous:**

Project materials *MUST* be paid for before any project work can be started.

### **Grading Policy / Procedure / Framework:**

Laboratory Work (Project Work & Laboratory Activity) = Graded daily  
The Project Grade(s) will be used as your final exam.

### **Homework Policy:**

None: Studying for tests is generally the only exception.

### **Internet Usage (optional):**

**Homework Hotline Number & Extension:** 610-682-5102, ext. 3134

**Voicemail Number & Extension:** 610-682-5102, ext. 2134

**E-mail Address (optional):** kevsch@bhasd.org