

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

**Course Syllabus for Woodworking II (Grades 10, 11, and 12)
Mr. Schmidt**

Overview:

Wood II is an extension of Exploratory Woodworking. All previous information will be reviewed and still applies for this course. Student will receive advanced instruction in many procedures covered in Wood I, with special emphasis on selective machine cutting procedures. A special emphasis will also be given to *DESIGN, PLANNING, TECHNIQUE, AND CRAFTSMANSHIP* in the construction of wood furniture.

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
Transparencies
Visual Aids
Demonstrations
Videos

Outline of Content:

First Quarter:

Topics:

1. Laboratory, Tool and Machine Safety
2. Project Selections and Pricing
3. Lumber Selection
4. Measurements and Layout
5. Project Construction

Tests:

Safety Test – **100% mandatory passing grade**

Second Quarter:

Topics:

1. Advanced Machinery Use (Jointer, Thickness Plane)
2. Project Construction

Third Quarter:

Topics:

1. Advanced Machinery Use (Table Saw, Band Saw, Router, Shaper)
2. Adhesives and Clamps
3. Mechanical Fasteners
4. Project Construction

Fourth Quarter:

Topics:

1. Advanced Machinery Use (Lathe & Drill Press)
2. Jointery and Joint Strengtheners
3. Wood Preparation and Application of Stains & Finishes
4. Project Construction

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