

Course Name: Woodworking I: Basics

Course #: H7612 Grades: 9 – 12 Level: 0 Sem: 5X Credits: 2.5

Course Description: Wood I is an introductory hands-on course which enables the student to learn and develop techniques, procedures and skills through demonstrations, active participation and experimentation. Some of the areas included in this course are design, wood joints, use and care of tools, fastening devices, hardware, construction, finishing materials and safety regulations. The fundamental knowledge gained through this course will be helpful for students to pursue more advanced woodworking course. The sequential procedures of Wood I will also be useful as a life skill. This course contains 8 units.

Course Standards: NJ 2009 CCCS Standard 8 Technology. 8.2.12.A.1, 8.2.12.B.3, 8.1.12.F.2

Course Proficiencies: The following is a list of proficiencies the students are expected to know and be able to perform as a result of successfully completing this course.

1. Learn and apply safe work practices and conduct.
2. Maintain a woodworking folder.
3. Know layout and design of woodshop.
4. Identify wood categories and wood types.
5. Identify and properly select hand tools for the job.
6. Complete a Bill of Materials list.
7. Be proficient in reading common measurements of woodworking.
8. Construct three basic wood joints.
9. Construct four teacher assigned projects.
10. Safely apply stains, sealers and clear coats.
11. Identify the stationary power tools used in woodshop.
12. Pass safety manual test for woodshop.

Assessment: The evaluation of student achievement in this course is based on the following:

1. Tests are given at the end of the course. These generally require one to two periods to complete.
2. Projects are student selected. The instructor may advise a student as to individual ability, time necessary to complete and material available.
3. Class work will be efficient with safe use of time demonstrated each period.