**FURNITURE AND CABINETMAKING 1**

**SYLLABUS**

2016-17 Spring Semester

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**WELCOME**

In this course you will learn about woodworking and many of the basic skills that are required to commence an enjoyable hobby or career.  SAFETY is our #1 goal in this class.  You will spend about 6 – 8 weeks learning about cabinetmaking and the inherent dangers of the craft before you turn on a machine to use for yourself.  It is necessary that you pass all safety tests with 100% before I can deem you safe to work in the wood shop.

**REQUIRED MATERIALS**

The only materials required for the class are pencils, safety glasses and a 12' tape.  The pencils are necessary on a daily basis for marking in the shop.  The class has a few tapes but if you would like to guarantee that you have a good one, you may want to purchase your own.  You can get a decent one for less that $5.  Safety glasses are supplied by the school and are a must every time you enter the shop.

**TECHNOLOGY**

At certain times in Cabinetmaking, you will need to use technology.  Only when you are required to do so should you use technology in the form of your laptops or smartphone.  Carson has adopted a cell phone policy in hopes of thwarting unproductive technology use.  Consequences are as follows:

    o   Warning

    o   Teacher takes the phone until the end of class

  o   Administration takes the phone for the day

 o   Administration takes phone and parent must come pick up the phone

 -     Disciplinary Consequence

**WHAT TO EXPECT**

When we begin to work in the shop, we will build a few group projects in which all students participate. This will get you accustomed to using some of the machines and help you to learn the natural flow of procedure. Next, you will begin your individual projects, which will be a bluebird house and a checker/chess board. With the remaining time in the semester, you will build a small project of your choosing. For this project, the wood must be purchased in order to take your project home and the amount will vary depending upon the project and the species of wood. Students are encouraged to work together on all projects.

**GRADES**

You will be graded on classwork, Unit Tests, Safety Tests, shop participation and of course your woodworking projects.

**Unit Tests will not necessarily be in this order:**

 Cabinetmaking Industry

   Health and Safety

 Design and Layout

  Cabinetmaking Materials

  Hand Tools

  Power Tools

  Finishing

**Safety Tests will not necessarily be in this order:**

 Radial Arm Saw/Miter Saw

 Jointer

 Planer

 Table Saw

 Band Saw

 Drill Press

**Shop Participation**

 After you have completed your birdhouse and checkerboard, you will have time to work in the shop on individual projects. When you have the opportunity to work in the shop, you are expected to work in the shop. If you do not have a project of your own to work on then you should help someone, clean up, or ask me for a project to work on. For your shop participation, you will receive a daily score, which will be tallied into a weekly project grade.

**Grades will be weighted as follows:**

 Projects: 45%

 Tests/Quizzes: 35%

 Classwork: 20%

**FINAL EXAM**

 The Final Exam will consist of 100 multiple-choice questions.  It will count 20% of your final grade.  The 1st Quarter grade is 40%, the 2nd Quarter grade is 40% of your final grade.