

## **CONSTRUCTION TECH 1 COURSE OUTLINE**

Construction Technology 1 is a course designed to cover basic sketching and woodworking. This course will take those students with little or no experience in to a level of confidence and skill. Effort and improvement is a very important part of this course. Without hard work, it is difficult to reach a high level of skill. Since this is a vocational class, I will make an effort to treat the class as close to a normal work environment as possible.

Tech 1 will emphasize on basic sketching and woodworking. Sketching will consist of 2 dimensional using different scale and proportions. Woodworking will teach the safe and correct way to use a variety of tools and machinery in the shop area. Some of these machines include the table saw, miter saw, jointer, band saw, planer, drill press, router, lathe, and a wide variety of hand tools. Students will also be instructed in processes such as dadoing, doweling, gluing and clamping, sanding, and finishing. These and other processes will be taught through a variety of assigned projects. Some of these will include a cutting board, knife block, mug rack, lazy susan, box, and picture frame, along with others. Personal projects may be assigned to those who have completed all required projects 1<sup>st</sup>.

Major emphasis will be placed on proper and safe operation of all equipment in these areas. Students must abide by all safety rules and procedures to insure a safe working environment. Unsafe acts or conditions will not be tolerated and may result in the removal from the course. Through this class, I expect students to gain skills that will last them a lifetime. These skills can be used as a hobby or in a specific profession. In either case, it is great opportunity to gain life long skills.

### **GRADING:**

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| A)     Daily – 50%    | Daily worksheets, tests, participation, attendance, and clean up. Participation will be done daily on a 1-4 point scale. The participation rubric is attached. Absences can be made up before school from 7:30-8-00 most days. All make ups must be completed prior to the next 3 week grade period unless insufficient amount of time. |
| B)     Projects – 50% | Quality and craftsmanship of the finished project. Each project will be worth 25 pts.   |