

WOODWORKING TECHNOLOGY COURSE OUTLINE

GRADE 11/12 – (30S/40S) DAY 1-6

Intro to Woodworking Technology (Hand & Power Tools)

Upon completion of this term, the student will be able to:

- Understand general shop safety in the woodworking lab.
- Work safely with tools and equipment.
- Measure to an accuracy of 1/16th of an inch using a variety of layout tools
- Identify various hand tools used in the building trades.
- Demonstrate proper use and maintenance of tools in the building trades.
- Identify and construct various woodworking joints and separation techniques.
- Plan and design using hand and computer aided drafting tools.
- Recognize the common types of wood and sheet materials used in the building industry.
- Demonstrate safe and proper use of the power tools (router, drill, jig saw, sanders and biscuit jointers).
- Demonstrate safe and proper use of stationary machines (scroll saws, band saws, table saws, miter saws, sanders, cutters planer and jointer).
- Understanding basic finishing fundamentals and procedures to complete a project.
- Demonstrate ability to work with others on projects as a team.

Practical Projects

- 2 Mandatory Projects
- 1 Final Exam Project
- Create a jig, project, installment etc. that can be used to improve the shop

Evaluation

- 30% PRACTICAL PROJECTS
- 30% FINAL PROJECT (EXAM)
- 30% THEORY TESTS
- 10% SHOP IMPROVEMENT

Agreement of Terms

After reading and/or following along with Mr. Le as he introduces this course,

I (the student) _____, swear that I will follow the safety rules, develop a safe working attitude and do my best to learn and work as a team member of the school and woodworking lab.

Teacher signature: _____

Parent/Guardian signature: _____

Date: _____

***NEW LATE POLICY*:**

- Students will be marked absent if he/she is ten (10) or more minutes late to a double period or five (5) minutes to a half period.
- Students are expected to wait *quietly* at the classroom door until the teacher addresses the student's tardiness. **It is up to the teacher whether or not to allow the student to enter the classroom.**
- 5 absents and 10 absents = an e-mail or letter home to parents. After 10 absents, a parent to teacher meeting will be required. Students will not be allowed to attend class until meeting has taken place.

SPECIAL NOTE TO PARENTS AND STUDENTS

Students are expected to inform parents of activities done in class as well as inform the teacher of any medical concerns especially pertaining to allergies to wood materials. Dust particles are prominent in the lab.