

Wood 2 Course Description

Mr. C Powers cpowers@puhsd.k12.ca.us

Welcome to Wood Shop: This course is designed to teach you the basic skills to become a safe and skilled woodworker.

Shop Safety

Working with hand and power tools creates the potential for injury. The safety instruction will be the first unit of study. Each student will complete and pass a safety test and machine proficiency exam before beginning project work..

Safe shop practices are of the utmost importance. Unsafe shop behavior will not be tolerated. ***Some non-negotiables for the classroom:*** failure to wear safety glasses, horseplay, improper use of tools and equipment, destruction of school or another's property, theft, and phone use.

Video Cameras

To increase safety measures and to prevent problems with theft and vandalism, video cameras have been installed in the Wood Shop. These cameras are for safety purposes and allow me to have eyes on multiple areas of the shop at once.

Project Materials

Wood used for projects will be the responsibility of the student. A locked storage cabinet is used to store these projects. You are welcome to provide your own wood.

I will have wood available in quantities sufficient for each project. Project materials can be purchased one at a time or a lump sum can be put "on account" for your student.

Materials for assignments will be provided. Checks are to be made out to Del Oro High School.

Projects:

You will be required to complete designated projects. These assignments are designed to reinforce your learning, so you can safely demonstrate proper tool handling techniques. You will also get to select projects of your choosing

Materials:

A pencil, safety glasses, and calculator are necessary for success in industrial technology classes. It is the goal of the ITE department at DOHS to provide a wide variety of high quality building supplies and materials for student use. Materials for required classroom instruction (mastery assignments) will be provided by the instructor. Due to the high cost of quality hardwoods and materials, it is necessary for students to purchase the wood for their personal projects or assignments *that they wish to take home upon completion*. If a student does not wish to take home completed projects; they must make their intentions known to the instructor PRIOR to beginning the project. Hardwoods for projects may be purchased from the instructor or from independent sources. If you bring your own supplies I will gladly provide a locked space to store them.

Retail wood prices for the term are posted on the Wood shop office door.

Financial limitations will in *no way* affect a student's ability to successfully complete Wood Shop classes at Del Oro High School.

Please contact your instructor with questions or for accommodations.

I can be reached cpowers@puhsd.k12.ca.us

Due to a shortage of available space, all projects and materials must be removed from the wood shop in a timely manner!! It is the responsibility of the student to remove all projects and material, completed or not. Any projects and material not removed will be discarded. It is the responsibility of the student to keep track of all material during class, and to secure all projects and project material in the locked class cabinet at the end of each work day. Students are also advised to write their name and block on *each piece of stock and material. The instructor is not responsible for any material or projects that have not been properly secured.*

Units of Learning:

1. Tools & Safety
2. Measuring
3. Calculation of materials
4. Wood terminology
5. Construction techniques
6. Assembly of projects
7. Special setups and cutting techniques
8. Finishing

Skill Outcomes:

At the end of the term students should be able to demonstrate the following skills:

1. Read a 3 view plan
2. Draw a 3 view plan
3. Develop a bill of materials
4. Read a ruler
5. Square a board
6. Know how to glue and assemble a project
7. Use hand and power tools safely

Grading:

Grades are computed on a weighted scale.

Projects: 60%: roughly 6 projects will be assigned.

Assignments: 5%: Designed to improve skills.

Record Sheet: 20% This is like a time card. Students will record daily what they spent their time on

during that class period. Points are earned each day for work and cleanup. They are lost for safety violations and workability issues

Tests: 15%: There will be a Written Final and a Practical Final.

Grading Scale:

90%100% A

80%89%=B

70%79%=C

60%69%-D

59%or less F

All projects must be completed to earn an A grade!

A grade of C or better is required to advance to Wood 3

Before a project can be started, a plan and bill of material must be submitted for teacher approval. Upon approval, all material costs must be paid. **No project will be graded that has not been approved.**

F.A.Q.

Q. Can I buy my wood and supplies some other place than Del Oro?

A. Yes

Q. Can I refinish furniture from home?

A. Yes, but you cannot use it as a project.

Q. What if I lose my wood?

A. You will have to purchase more, the shop will not give out replacement wood. A locked cabinet for storage was provided.

Q. Can I substitute a required project for one of my own choosing?

A. Yes, but only if it is approved by the instructor first.

End of the term:

Because of limited space for storage, **NO** projects or materials shall be left in the shop. All projects and materials not claimed at the end of each term (Fall & Spring) will be removed.

Final Exam:

A written final will be given at the end of the term. Also a practical final will be given on the scheduled final day.

More Wood Shop Thoughts

1. While Woodshop can be expensive, it's also nice to take home useful and quality projects. The projects and assignments are chosen to introduce specific skills and techniques in wood working.

2. My goal is to keep quality equipment and supplies for your student. Sound skills and safe habits are lifelong.

3. Project costs. There are about **10 required projects**. 9, are of my choosing and the 10th one is self designed. The last one must be preapproved by me. The requirements are that it must match the students skills, time in class to do quality work, and a point value will be assigned. It is not graded without these requirements being met first. Otherwise, it's practice.

4. **Projects cannot be worked on at home**. There is almost too much time to complete these requirements during class time. 18 week term, 2 weeks for safety, all 9 of my projects can be started and finished in 1 weeks time (with moderate time management skills), Throw in 2 weeks for extra time, problems, absence, whatever, that leaves 5 weeks minus 1 week for finals and cleanup, That's 4 weeks to complete a project of your own. This class is not that hard. I do not have the shop open after school, I am here by 8:00 (usually earlier) every morning.

5. Paying for wood. I have wood available for purchase at reasonable prices and in small amounts. You do not have to get wood from me. The cost of the 6 projects assigned by me is about **\$100.00** (wood figured at \$3.23/bd. ft.). This can be paid in 1 lump sum or 1 project at a time. I will try to keep 2 or 3 different types of wood available at this price.

6. **This course can be completed without any financial participation at all**, I will provide the wood, however the projects will not go home, they will be graded on a rubric with the same points value. I cannot predict the cost of the final project, up to the student.

Total cost is \$100.00 to fully participate and take home projects.

7. **Soft Skills**, Employers have repeatedly emphasized basic work place skills needed to be successful. Skills that are useful in the job place will be stressed. On time, productive, cleanup, prepared for class, there will be points for these skills on a daily basis. Write legibly, It matters.

I have received and read a copy of the Woodshop policies, procedures and rules.

I understand all the policies, procedures and rules outline.

Student Signature & Date: _____

Student's Name Printed: _____

Parent/Guardian

Please review this document with your child. This will help you understand how the class will run. Thank you.

I have reviewed the Woodshop policies, procedures and rules with my child.

I understand that the Wood Shop has security cameras and the video will be retained for 14 days.

Parent/Guardian's Signature & Date _____