

This is an advanced class in woodworking that builds on the concepts taught in Woods 1-2. This class provides students with an opportunity to design and produce projects of their own. The class is project oriented and incorporates textbook work and blogging on [www.lumberjocks.com](http://www.lumberjocks.com). All projects will be blogged and progress recorded on the web for you and other woodworkers to see and interact with. We will also use the internet for research and podcasting. The skills learned in the woodshop are useful to do work on the home you live in, as a hobby or even a career in the construction, carpentry or woodworking industry.

**Class expectations:**

- **Attendance** is an important part of learning, because of the class and project work; students must attend regularly and absent time may be made up before or after school when available.
- **Safety Rules** are in place for your protection. Not adhering to safety rules will result in injury to you or others.
- **Patience** is necessary for success, as Rome was not built in one day; neither is all that can be learned. By learning patience, students can be more productive, helping each other and being individually helped by the teacher.
- **Performance** is the result of hard consistent work. All students are able to be successful, but without putting forth effort on a daily basis, no one achieves.
- **A Positive Attitude** is an important part of success. Say that you can do it, not just try.
- **Cooperation** helps everyone learn. When students cooperate, teaching can be successful. Students can work cooperatively with each other and the teacher. The teacher encourages students to work cooperatively with each other to learn. When help each other in class, you also learn.
- **Reading** is a vital part of learning. Textbook assignments, handouts, and vocabulary with definitions help reinforce the hands-on skills learned in class. There are many ways that we learn and the more ways we use to learn, the better we will learn.
- **Students will maintain a portfolio** of handouts and projects. Keeping track of daily and weekly work will help the student remember and apply theory with practical knowledge in written form. The most successful students take notes, rewrite and review them.
- **Personal integrity** is VERY important. Academic dishonesty is an obstacle to learning and to reaching your full potential. Make sure that you understand your responsibilities as stated in the handbook.
- **Communication** is another success skill, if you do not know, ask. It is very likely that if you do not understand others are in the same boat with you. Anytime that you have a question, politely ask it, either quietly to the teacher or by raising your hand and asking aloud. We are here together to become successful. Students and parents can contact Mr. Herrera at anytime via email at [jherrera@esu2.org](mailto:jherrera@esu2.org) or by phone at 402-443-4332 Extension 3214

**Materials Needed:**

Students will need a folder to keep track of all paperwork. The folder will stay in the classroom. All project work will be done in pencil. Ink is not erasable and makes a mess on wood.

**What if I miss a class?**

If you miss a class, please contact the teacher to see what you may have missed. If you are able to make up your project work in class, you will be fine. If you missed bookwork, you will need to make up that work on your own time. You will be given the same amount of time to complete your work that your classmates received. Remember to always ask your teacher what you missed if you are absent or plan ahead if you know you will be absent. You can always contact Mr. Herrera at school at 402-443-4332 Ext. 3214 or at [jherrera@esu2.org](mailto:jherrera@esu2.org)

**Grading Procedures**

Your grade is made up of three categories:

**Participation: 20%**

(Being Prepared, Participation in discussions, following safety rules)

**Project Work: 60%**

(Project progress, following your plan, craftsmanship)

Tests/Quizzes: 20%  
(Safety tests, chapter quizzes, joinery tests)

All assignments will receive Points based on a 100 point scale. Additional projects will be assigned as needed to enhance instruction. Unit quizzes leading to a comprehensive semester final exam will afford additional assessments. To provide for special needs students' additional time will be allowed to complete projects, as well as extending open lab time to all students for the completion of projects. All grading will be done using Powerchool and will be available to the student and parents on the powerschool system accessible through the school's home page.

**Learning outcomes: Students will be able to....**

- Score a 100% on a shop safety test
- Identify the different species of wood used in our shop.
- Identify imperfections associated with wood
- Identify different types of wood products used in woodworking.
- Identify the different types of fasteners used in woodworking.
- Identify and construct various common joints used in woodworking.
- Measure and create a full sized project drawing.
- Create a Bill of Materials for a woodworking project
- Create a Plan of Procedures for a woodworking project

Textbook: *Modern Woodworking* by Willis H. Wagner and Clois E. Kicklighter

Coursework:

### **FALL SEMESTER**

Chapters 13-19 in the text

#### **Quarter 1**

Woodshop safety, Planning, Research, Internet Blogging 2 weeks

Woodshop skills review and demonstrations 2 weeks

Mass Production project 5 weeks

#### **Quarter 2**

2<sup>nd</sup> quarter project design and planning 1 week

2<sup>nd</sup> quarter project cutting and assembly 5 weeks

2<sup>nd</sup> quarter project sanding and finishing 1 week

Semester final review and final joinery project 2 weeks

### **FALL SEMESTER FINAL EXAM**

### **SPRING SEMESTER**

Chapters 20-25, 32-36

#### **Quarter 3 & 4**

2<sup>nd</sup> semester project(s) Design and Planning

2<sup>nd</sup> semester project(s) cut and assembly 13 Weeks

2<sup>nd</sup> semester project(s) final prep and finishing

Final Project (Part of final exam)

Final Project Planning & Design 1 Weeks

Final Project Cutting, Assembly, Sanding 2 Weeks

Final Project Final Prep and Finishing 1 Week

Finish all Projects and Review for final exam 1 Week

### **SPRING SEMESTER FINAL EXAM**

*For additional help:*

*Please feel free to contact Mr. Herrera at school at 402-443-4332 Ext 3214. You can also email at [jherrera@esu2.org](mailto:jherrera@esu2.org) I am available in the mornings before school, and once football season has ended, I am available every night after school. Please let me know if there is a time when you would like to meet to make up work or to talk.*

*Lets have a great year in the woodshop!*

*Mr. Herrera*

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Parent/Guardian Please Complete:

I have reviewed this syllabus and I give permission for my son/daughter to participate in the wood shop class, which includes using all the hand tools, power tools and power equipment. I agree with the importance of safety in this class and will expect my son/daughter to follow all safety expectations.

(The completed safety notes and test will also be brought home to be reviewed by a parent/guardian.)

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_