



GPSD Course Syllabus

Course Title: Advanced Woodworking

Grade Level: 10-12 Credit Available: 1.0

Pre-Requisite: Satisfactory completion of Intermediate Woodworking and Teacher Approval.

Teacher Contact Information:

Name: Mr. Brannen Room Number: 820

Email Address: dbrannen@grantspass.k12.or.us Phone Number: 541-474-5710 ext 220

District Webpage: www.grantspass.k12.or.us Class Webpage: www.gphsmanufacturing.org

Please visit my teacher webpage for additional course information – go to the district homepage, select school, staff webpage, and find teacher.

Grades will be issued at the end of the first and second semester. Progress reports will be mailed home at the end of 6 and 12 weeks. Parents and students are encouraged to follow progress on Power School. Visit the district webpage to learn more about how to access your account.

It is the policy of Grants Pass High School that cell phones and other electronic devices (including headphones and ear buds) must be put away and are not permitted to be displayed, used, or viewed in any classrooms and/or during instructional time for any reason.

Students that display, use or view their cell phones or other electronic devices (including headphones) in violation of the above rules for any reason are, in essence, giving ANY staff member permission to confiscate it.

Course Description: Advanced Woodworking builds on the skills learned in Intermediate Woodworking and allows the student to construct a project of their own choice (with instructor approval). Emphasis is placed on quality work and attention to detail in the design and construction of fine furniture and cabinetry. This is a project oriented course and students are evaluated on work ethic, attention to detail and student responsibility.

Course Expectations: This course is designed to reflect the expectations and requirements found in a real life workplace environment. As such, students will be expected to function safely, stay on task during class time and improve their skill levels throughout the course of the semester.

Specific Course Standards:

1. Safety: Maintain safe and healthful working conditions and environment to ensure employee safety.
 - a. I can work safely in the shop.
 - b. I can describe and demonstrate the safety requirements for all individual machines in the shop that I am required to operate.
 - c. I can safely operate all machines in the shop that I am required to operate.
 - d. I can maintain a safe and clean working environment.
2. Apply Math: Use mathematics in the manufacturing process.
 - a. I can read a tape measure.
 - b. I can accurately measure and mark using a variety of tools.
 - c. I can add, subtract, multiply and divide fractions.
 - d. I can calculate board footage.
 - e. I can estimate the cost of a given project.
3. Technical Skills: Describe and employ technical skills and knowledge required for careers in manufacturing in order to perform basic workplace activities common to manufacturing.
 - a. I can identify the basic types of joinery used in woodworking.

- b. I can identify the machine or hand tool choices available to me to create a particular joint.
- c. I can identify the best choice of machine or hand tool available to me to create a particular joint.
- d. I can create the following types of joinery using the proper techniques on the proper machines;
 - 1. Butt joint (with or without pocket joinery)
 - 2. Rabbet joint
 - 3. Dado joint
 - 4. Miter joint.
 - 5. Lap joint
 - 6. Mortise and tenon joint
 - 7. Lamination (edge joining)
- e. I can set-up machines for specific cuts.
 - 1. Change out router bits.
 - 2. Accurately set up the dado saw for a required cut.
 - 3. Accurately set up a mortise machine for a required cut.
 - 4. Accurately set up a drill press for a required cut.
 - 5. Accurately set up a table saw to produce tenons.
- f. I can read and interpret blueprints and plans pertaining to the construction of furniture and cabinetry.

District Grading Scales:

Letter Grades	Definition
A	Mastery
B	Approaching Mastery
C	Proficient
F	Not Proficient

Grading Criteria and Categories:

1 Practice; Formative assessment. 10% of grade

Daily work, homework, other formative assessments

2 Knowledge; Summative assessment, 10% of grade

Tests and quizzes on knowledge, safety and skill, alternative assessments, other summative assessments

3 Skill; Formative assessment, 20% of grade

Progress checks (staying on task and completing required work in a timely manner), other formative assessments

4 Projects; Summative assessment, 60% of grade

Student projects, other summative assessments

Late or Missing Work:

Late work will be penalized by a reduction of 10% in the overall available points for each day that any particular item is late. Students must complete assignments and submit them to the teacher in a timely manner in order to demonstrate that they are working toward proficiency. There will be specific cut-off dates for specified work after which late work will no longer be accepted and the student will receive a grade of "0".

Missing work will receive a grade of "0".

Reassessment:

All students will be required to pass a series of safety tests in class prior to beginning work out in the shop. Two of these safety related tests are specific in that they must be passed with a score of 100% (the "Safety Test" and the "Machine Tool" test). Students who miss three or fewer questions on either of these tests will be allowed to fix their mistakes in class and turn them back in for a passing grade. If a student misses more than three questions on either of these tests, they will be required to complete a homework assignment which will be directly related to the questions missed. Upon satisfactory completion of this homework assignment (homework is due the next classroom day) the student must then re-take the test immediately during class. Incomplete homework is considered to be another failed attempt at the test. If a student does not pass either test after their third attempt the student will be removed from class. ***If a student is removed from the class after the third week of the semester, they MAY be placed in a structured study class. While this class is an opportunity for them to complete work in other subject areas, it will not provide an elective credit towards graduation requirements.*** Copies of all required tests and their answer keys can be found on the class website; www.gphsmanufacturing.org

Required Texts and Other Supplies/Fees:

There is a \$15.00 fee for this class. **Students will not be allowed to participate in lab activities until this fee is paid. If for some reason you cannot afford this fee, **arrangements need to be made in writing** (letter to the teacher from a parent or guardian) **by the end of the second week of the semester.** **A student will not be kept from participating in this course due to lack of funds!!!**

Students will also have to complete a project (or projects) during the course of the semester in order to receive a passing grade. Students are also responsible for the costs of materials which are needed to complete this project. If for some reason you cannot afford this fee, **arrangements need to be made in writing** (letter to the teacher from a parent or guardian) by the end of the second week of the semester. **A student will not be kept from participating in this course due to lack of funds!!!**

Class Policies:

- Students will show competence and understanding of safety in the shop in the form of written exams and in daily practice in the shop.
- Students will maintain a proper work ethic in all aspects of the course.
- Students will practice integrity and respect for others in the classroom.
- Students will be able to identify and safely operate all major tools in the shop.
- Students will be able to read plans, measure, layout and machine, construct and finish materials to be used in the construction of projects.

Academic Support:

Differentiation strategies available in this class may include extension activities, acceleration, or other activities, depending on the needs of the student.

Please sign below, cut and return to the classroom teacher

Student Name: _____ Course Name: _____

Parent Name: _____

I have read this course syllabus and understand the content.

Student Signature _____ Date _____

Parent Signature _____ Date _____