

## Woodworking and Design 5 & 6

This course is designed for the highly motivated and independent worker, who is continuing to pursue their interest in Woodworking and the Building Trades. The student will have a variety of areas to focus on. These areas may include; Cabinet Making, Furniture Construction or CNC machining. Students will continue to build on their foundation of project planning, project design, joinery, and machine usage to construct high quality projects. Emphasis will be on safety, project planning, elements of art, reading and following plans, application of processes and quality of workmanship. The students will complete a required project and then select others that meet the class criteria. Involvement in a student leadership organization (SkillsUSA, TSA) is highly suggested. To be successful in this course the student will need to attend regularly, participate fully in all activities, and demonstrate good employability skills.

The ARHS Woodworking and Design courses are part of "TechPrep". Students may earn College credits through the G.R.C.C. Construction Program. This course is also articulated with several apprenticeship programs.

### **Grades will be determined by the following:**

Machine check off and operation  
Project Completion  
Competencies Completed

Quizzes, Writing Assignments, Clean-up  
Participation / 21<sup>st</sup> Century Skills  
Leadership

(Point totals grow weekly, so a students' grade can change dramatically if they fall behind.)

**Grade scale:** A standard grade scale is used: 100 – 93 = "A", 86.9 - 83 = "B", 76.9 – 73 = "C",  
66.9 - 60 = "D", 59 and below "F"

**Material costs:** All projects will be paid for by the student. This must be done after the design and planning stage, before materials are cut. If you have concerns about paying for materials please let me know. In some cases, arrangements can be made to assist with material costs.

**Safety equipment:** Each student will be supplied a pair of OSHA approved safety glasses, that must be worn when the lab is in operation. Ear protection is recommended and provided. Dust masks are also available upon request.

**Attendance/Tardies:** This program reflects the world of work. Attendance is a large part of keeping a job. Unless a student has a major illness or debilitating injury he or she must be in class everyday. Students who have unexcused absences will not be allowed to make up missed work. Excused absences will be allowed a period of time equal to the days missed soon after their return.

**Tardies** are disruptive to the learning environment and will result in detention being assigned upon the second tardy and each one thereafter. Students have a seven (7) minute passing time which when used wisely is more than enough to get from one end of campus to the other.

### **Class expectations:**

1. Be in class and ready to start when the bell rings
2. Follow directions the first time given, courteously and politely.
3. Follow all Safety rules, Classroom rules, and ARHS rules
4. Remain on task and participate in all classroom activities.
5. Remain in class until dismissed by the instructor.
6. This classroom is a "Drug Free" zone.
7. ARHS Electronics Policy Enforced (see ARHS student handbook).

Student Signature: \_\_\_\_\_ Date \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Phone # \_\_\_\_\_

If you have any questions, please call. The best time to reach me is before 7:30am and 2:30 pm.  
Mr. Wickens, 253-804-5154 ext. 5041 or Email [jwickens@auburn.wednet.edu](mailto:jwickens@auburn.wednet.edu).

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## Power Standards

Auburn School District

- Understand and identify the core concepts of; course expectations, career fields, time management, leadership, and planning, material uses including artistic material uses and scheduling as they pertain to woodworking.
- Perform trade specific mathematical calculations for the purpose of; designing, material selection, material costs, construction from plans, scheduling and codes as well as identify, understand and use measurement tools associated with this field to industry standard.
- Identify, understand and perform acceptable safety practices and policies pertaining to work areas and; the proper use of hand tools, portable power tools, stationary equipment and CNC machinery.
- Identify, perform and understand tasks showing proper use of applications that; hold, join, and fasten as well as prepare and finish materials with artistic quality.
- Identify, understand and perform the proper use of group dynamics, diversity training, problem solving, and employer employee relations.

