

School: Crook County High School

Course Title: Manufacturing and Engineering Technology 2A

Instructor's Name: Mr. Billy Hall

Contact Phone (541)416-6900 ext.3152

Contact times: M-F 8:00 – 8:45 am

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Course Description: *This is a project based course where students will go through all of the steps of producing an electric guitar. The course reinforces students prior knowledge of fine woodworking, CAD, electronics and CNC set up and operation. Students will learn how to set up the manufacturing process for production. Students are required to practice all shop safety rules.*

Learning Standards (Critical Content Power Standards)

By completing this course students will be able to:

- Use mathematics in the manufacturing process.
- Understand the application of the principles of science used in manufacturing.
- Summarize and explain how manufacturing businesses operate.
- Analyze and summarize how manufacturers improve performance.
- Assess types and sources of workplace hazards in order to maintain safe working conditions.
- Describe and employ technical skills and knowledge required for careers in manufacturing.

Materials:

<http://guitarbuilding.website/>

Notification of the Right to Object to the Use of Materials

Any resident of the district may raise objection to instructional materials used in the district's educational program despite the fact that the individuals selecting such materials were duly qualified to make the selection and followed the proper procedure and observed the criteria for selecting such material.

The first step in expressing objection is consultation with the classroom teacher or library staff and providing a brief written complaint. The staff member receiving a complaint regarding instructional materials shall try to resolve the issue informally through the discussion of the original assignment or the opportunity for an alternative assignment.

If not satisfied with the initial explanation or an alternative assignment, the person raising the questions will meet with a building administrator who, if unable to resolve the complaint, will provide a Request for Reconsideration form which will be given to the

superintendent for action.

Goals

By the end of the semester 100% of students will meet or exceed subject level learning standards in Manufacturing as measured by a score of 70% or better on the final project.

Citizenship (Behavior Expectations)

Be in your seat on time when the bell rings.

Attendance will be taken during the first 10 minutes of class; you will be expected to be in your seat.

The Tardy and Attendance policy will be adhered to as indicated in your Student Handbook.

Be conscientious of the other students in the class.

Evaluation (grading)

Grades will be based 80% on projects and tests and 20% on classwork and citizenship.

Grades will be based on the Oregon Skill Sets found on the following website.

<http://www.ode.state.or.us/apps/oss/default.aspx?cla=311&c=952&fa=2297>

Makeup Policy

As stated in student handbook