

**School:** Crook County High School

**Course Title:** Technical Design

**Instructor's Name:** Mr. Billy Hall

**Contact Phone** (541)416-6900 ext.3152

**Contact times:** M-F 9:00 – 9:45 am & 3:10-3:30pm

**E-mail Address:** billy.hall@crookcounty.k12.or.us

**Course Description:** *This course outlines Computer Aided Design. The class allows students to build computer 2-d and 3-d modeling skills. Students use CNC and rapid prototyping equipment to produce actual models of their two and three dimensional designs.*

**Learning Standards** (Critical Content Power Standards)

By completing this course students will be able to:

- Apply measurement and scale concepts in drafting and design.
- Create technical sketches using drafting procedures.
- Use CADD systems and procedures.
- Explore mechanical drafting/design concepts and problems.
- Depict assemblies of components.
- Detail projection views.

**Materials:**

Texts:

- Rhinoceros Level 1 Training Manual.

### **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 final.

## **Citizenship (Behavior Expectations)**

Be in your seat when the bell rings.

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

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 90% on projects and tests and 10% on classwork.**

**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=2298#FA>

**Makeup Policy:**

**As stated in the student handbook.**

**Extra Credit Policy:**

**Extra credit will be offered to students who have no missing or incomplete assignments.**