IC61 Drafting I

Course Syllabus

Instructor's Name: Mark Underwood

Classroom Number: 203

Tutoring Times: 3:30 – 4:30 M, Tu, Th, Fr. Please give one day advanced notice if you wish to stay after school for tutoring

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Moodle: **My Canvas page can be accessed through the Student Startup Page**

Course Description:

This course introduces students to the use of simple and complex graphic tools used to communicate and understand ideas and concepts found in the areas of architecture, engineering, manufacturing, design, mathematics, and science.

Topics include classical representation methods such as sketching multi view, oblique, and isometric drawings, geometric construction techniques, as well as 2D CAD (Computer Assisted Design) drawing, and 3D computer modeling.

Course Objectives:

I. Understand fundamental concepts and trends of drafting
II. Understand the ideation process
III. Apply sketching skills and techniques to create single view, multi-view, isometric, and oblique drawings.
IV. Apply CAD user skills to create drawings in order to become familiar with current industry drafting standards.

Grading Policy:

The semester will be divided into 3 six-week periods. Each six weeks will count 25% of the final grade and the final exam will count 25%. The final exam cannot be exempted. The six week grades are awarded on a point system as follows:

Major Tests: 50 – 100 points

Major Projects: 50 – 100 points

Classwork, quizzes and other assignments: 50 - 100 points

The grade is determined by the percentage of Total Points Earned divided by Total Possible Points.

Supplies Needed:

Each student is required to have a notebook, or a section of a notebook specifically for this class. Each student is responsible for keeping up with Handouts and class notes. If a student is absent it is their responsibility to find out what information is needed for their notebook.

Classroom Policies and expectations:

1. All necessary materials will be brought to class every day
2. Make-up work is the student's responsibility. A student has 2 days per each day missed to make up missed work.
3. Cheating will not be tolerated.
4. Everyone is to be treated with respect. If the teacher or another student is speaking they deserve your attention.
5. Every student should be seated and ready to learn when the tardy bell rings.
6. The computers are to be used for classroom instruction only. Students are not to be on the internet unless the classroom assignment requires it. The computer is not to be used to play games. Do not change any settings on the computer.
7. All Parkwood High School Rules and Union County Public Schools Rules as stated in the student handbook are to be followed, specifically regarding cell phones, ear buds, dress code etc.
8. Students are to receive permission and a handwritten pass from the teacher to leave the room.

Consequences for Violating Policies:

1. Verbal Warning
2. Student/Teacher Conference
3. Parent Contact
4. Office Referral