IET 330 / 330L
Industrial Design / Industrial Design Lab
SPRING 2015
Department of Applied Engineering and Technology
College of Science and Technology Morehead State
University
Instructor: Dr. Ni Wang

Objective: To demonstrate skills in concept generation for product design.

Reading: Chapter 4 Concept Design of the text, and the PowerPoint on Chapter 4 Concept Design, available in the Course Documents section of Blackboard.

Lab 2

TASK: Relate with your current job or consider that you are an intern product engineer / technologist in an organization. You are to present to the CEO, on paper, a concept for (a) developing a product. (This can be a new product or an existing product that needs improvement), (b) remodeling a building, or (c) improving efficiency, saving cost, or other technology management of your department. Pick one topic related with your background. Produce on graph/engineering paper (just one page) a clear and concise sketch of your concept. On the same paper, indicate any other information you think will be relevant.

In this assignment, you must not use any software to produce your concept, just by hand. Your goal is to impress the CEO about your concept design skills by using the ideas you learned from Chapters 1 – 3 of "Engineering Design" by Eggert.

Submission: When completed, scan your work showing the sketch and other relevant information, all on one page. Then save it as a **pdf** file and submit the **pdf** file in the Assignments section of Blackboard. Please do not submit the file in any other format.

Deadline: No later than 11:59PM on Tuesday February 10, 2015

Evaluation:
Quality of concept presentation (Appearance and neatness): 10 points
Arrangement of details (Is the information presented in a logical and clear sequence?): 5 points
Completeness of drawings in sketch: 10 points
Relevance of other information: 5 points
TOTAL: 30 points
*It is important to use paper with grid lines and show all required information on just one page.

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