ENGR107 - Fall 2008

Instructor – Dr. Chad Cole
cae8j@hotmail.com

Office Hours: After and/or before class, which meets Tuesdays 4:30-7:00pm


Note: The following syllabus is tentative. As the course progresses, it might become clear that certain topics deserve more or less attention. There might also be guest lecturers from various engineering or related fields. Homework problems will be assigned most weeks and are due the following class period unless otherwise specified. Course updates can be followed on the website: www.webct

GRADING:

20% Homework
25% Mid-Term Exam
35% Final Exam
20% Design Project

TOPIC SCHEDULE:

**Aug 26**: Introduction to the field of engineering.

**Sept 2**: Continue intro to engineering. Engineering Ethics. Personality traits of engineers. Examples of engineering design failures.

**Sept 9**: The engineering design process. Data collection and representation of information. Discuss design project.

**Sept 16**: More technical tools for the engineer (most of Ch 4 & 5 in your textbook).
Sept 23: Statistics. Discuss design project.

Sept 30: Review for midterm. Discuss design project.

Oct 7: Midterm test.

Oct 14: No Class because of Columbus day

Oct 21: Mechanics and Materials (Ch 7 & 8 in textbook)


Nov 4: Computer Science & Engineering.

Nov 11: Engineering Economics.

Nov 18: I will be at a conference – Either guest lecture or optional make-up lecture on Thurs/Fri of this week.

Nov 25: TBD.

Dec 2: Review for final, show projects.

Dec 9: Final Test – 4:30-7:15 in our normal classroom unless I specify otherwise.