Engineering 2140  
Syllabus

Course:  ENGR 2140, Mechanics of Solids, Fall, 2015  
M, W, F 9:30 – 10:20 ENGR 108

Instructor: Joseph A. Caliendo  
EL 274  
797-2896  
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Office Hours: To be announced – but always anytime my door is open

Problem Sessions: Arranged


Prerequisite: ENGR 2010 (Statics)

Objective: To develop an understanding of the relationship between loads applied to a deformable body and the internal stress, strain, and deformations induced in the body. In addition, analytical and problem-solving skills are developed.

Exams: Tentatively, the course will have four one-hour midterms @ 100 pts each, a two-hour final worth 150 pts, and HW worth 100 pts for a total of 650 possible pts. Because of the size of this class, all exams will be multiple choice, scantron. The final exam will be comprehensive. Exams will be administered in the evening to give you more time – this is to your advantage. Please see the course schedule for time and date of the exams.

Homework: Homework problems are due at the beginning of the period after the period in which they are assigned. Late homework will not be accepted. Since the lowest two HW grades will be dropped, please do not ask for special consideration if you cannot complete an assignment on time. You are strongly encouraged to form study groups. Homework must be neat and organized. A template for homework solutions is attached to this syllabus. Always use a straight edge, compass, or circle templates for drawings.

Course Notebook: Please maintain a course notebook. This would be a 1.5 – 2.0 inch thick 3-ring binder. Please keep all homework and handouts in chronological order. This will greatly help you when studying for exams

Tentative Grading: Minimum grades can be estimated according to the following scale. “+” and “–” will be used between the major letter grades shown:

- A, A- > 90%
- B-, B, B+ > 80%
- C-, C, C+ > 70%
- D and F as appropriate

Recitation Sessions: TBA
The College of Engineering has an Engineering Tutoring Center. Tutoring services are available free of charge to all College of Engineering students. You can find help for any engineering required courses, i.e. math, chemistry, physics, and all engineering classes. The Tutoring Center is located in ENGR 322 and 324. Hours are Monday through Friday 8:00 AM to 5:00 PM with extended hours on Tuesday and Thursday until 7:00 PM.