

ENGR 3760 – Biomechanics

Spring 2004, TR 11:00 – 12:15 (Room 305)

Instructor:

H.Y. Shadow Huang
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Texts:

Fundamentals of Biomechanics: Equilibrium, motion, and deformation (2nd Edition). By “*Nihat Özkaya and Margareta Nordin*”, Springer.
Supplements will be provided by the instructor.

Homework:

Homework assignments will be given and graded periodically.
Late assignments will incur a 10% per day penalty. Assignments are due during class.

Project:

Students will work in teams to complete a project. The output will be a written report and a presentation describing the results of the project.

Attendance Policy: Attendance of classes and labs is mandatory. Students who are regularly absent from class will not be included in any adjustment (curving) of the final grades. If a student has a valid excuse for missing a class, they must inform the instructor beforehand.

Cellular phones must be turned OFF during class/lab. Repeated disruptions will count as absences.

Prerequisite:

BIOL 1108: Principles of Biology II
ENGR 2140: Strength of Materials

Grading:

Note: Students who are regularly absent from class will not be included in any adjustment (curving) of the final grades.

Semester grades will be computed as follows:

| | |
|-----------------|------|
| Homework | 20% |
| Design projects | 20% |
| Exam 1 | 20% |
| Exam 2 | 20% |
| Final | 20% |
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| Total | 100% |

ACADEMIC HONESTY

The University of Georgia seeks to promote and ensure academic honesty and personal integrity among students and other members of the University Community. A policy on academic honesty has been developed to serve these goals. All members of the academic community are responsible for knowing the policy and procedures on academic honesty. The document for academic honesty may be found at the web site for The University of Georgia Office of Senior Vice President for Academic Affairs and Provost.

ENGINEERING PROFESSIONALISM POLICY

Engineers make great contributions to society. Engineering is a very satisfying profession that provides many rewards but is demanding and requires hard work. The engineering profession is governed by a code of ethics. Engineering faculty at UGA expect students to act in a professional manner at all times and develop the work ethics required for a successful engineering career. Engineering students at UGA are responsible for maintaining the highest standards of professionalism and professional practice.

DEPARTMENTAL GRADING POLICY REGARDING COMMUNICATION SKILLS

Thirty percent of the grade on all written assignments (lab reports and papers) and oral presentations will be based on quality of communication. Spelling, grammar, punctuation, and clarity of writing are evidence of written communication quality. Enunciation, voice projection, clarity and logical order of the presentation and effective use of visual aids are evidence of oral communication quality.

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