About the Course

MEEG 2023 Introductory Mechanics      Fall   2004

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Supplies: Calculator, engineering paper, mechanical pencil, eraser, transparent 6-in. plastic ruler, and compass for drawing circles.

Homework, Quizzes, Tests, and Grades

The evaluation of your efforts and achievement in this course will be based on the following: 22 collections of your solutions for the problems assigned for preceding meetings (a total of 44 solutions to be selected, after collections, for checking and grading, each worth 1.5 points, use of engineering paper and pencil required, no late collections), 10 quizzes (each worth 10 points), 3 tests (each worth 100 points), and a final exam (worth 100 points). The total maximum score you can earn in this course is, therefore, 566 points. You are required to have a student ID when you take the three scheduled tests and the final exam. (A rule: failure to have the required ID or failure to observe the seating assignments during scheduled tests, −5 points) Full credit makeups for any of the scheduled events are to be approved in advance by the instructor; otherwise, the approval may require a proof of emergency.

Scheduled tests. Each of the three scheduled tests will contain the following:

■ Two conventional problems. They are similar to homework or example problems. To receive full credit, your solutions need to include pertinent sketches or diagrams, setup of equations, solutions, and final answers with appropriate number of significant digits as well as correct units. (60 points)
■ Some multiple-choice problems. Problems with different numbers are given to students. Grading is based on the correct or nearest items you circled on the test sheet. (20 points, no partial credit)
■ Some non-numerical problems. These problems cover descriptions of terms, laws, and principles, or derivations of formulas. (20 points)
☞ Contingent bonus points. To be explained in class.

Final examination. The final examination will be a review exam that consists of ten multiple-choice problems.

Grades. Except involvement in academic dishonesty or an unusual case, your final grade is assured to be at least A, B, C, and D if your final average score in this course is at least 91%, 81%, 71%, and 61%, respectively, out of the 566 points possible.

Advice

● Read A Note for Students on p. x of the text.
● Give a formatted 3.5-in. diskette to a GTA to obtain the supplementary software for this course.
● Study the lesson material in the assigned sections before each class, ask your questions in class, complete the solutions for homework problems after each class, and go to the drill sessions to get additional help as often as you need.
● Reserve 6 hours per week (i.e., around twice the class time) outside the class for the reading and homework of this course. (Do not underestimate the effort required to do a good job.)