

EASTERN NAZARENE COLLEGE

PY 312 Applied Mechanics Spring 2007

Instructor: John U. Free john.u.free@end.edu, X 3540
Homework Grader: Paul Aliotta, cannonballpaul@gmail.com
Laboratory Assistant: Paul Aliotta, cannonballpaul@gmail.com

SYLLABUS

Course Overview: Mechanics deals with those areas of physics that ...

In this course you will have the opportunity to become familiar with these theories and learn how to solve simple problems relating these theories to the "real world". I hope that you will find the material exciting and be challenged to learn it because it is simply very interesting.

Course Text: Classical Mechanics, Douglas Davis, (1986) Academic Press

Other texts are

An Introduction to Mechanics, Daniel Kleppner and Robert Kolenkow, McGraw-Hill

Class Time: Class is Monday/Wednesday/Friday from 8:00 to 8:55.

Grade: Your grade will be determined as follows:

Class grade

Exams: 40% Homework: 25% Term Report: 20% Final Exam: 15%

Laboratory grade

Laboratory: 65% Lab Presentation 20% Final Lab Exam: 15%

Course Web Page

There is a course web page linked to my home page located at enc.edu/~john.u.free. From my home page click on Applied Mechanics 312 and enter your ENC username and password. Here you will find all the material needed for the course. I will also place the Power Point lectures and homework solutions on the course web page.

Laboratory: The labs will be scheduled on the day that makes everybody the happiest. That day is Monday. There will be a lab syllabus handed out on the first class day that will discuss the details.

Homework: The homework problems

Exams: There will be three (3) exams during the term. See the daily class schedule for the exam dates.

Final Exam: The final exam will be cumulative, and multiple choice in the format of the GREs which some of you may take some day.

Effort & Participation: This is my subjective evaluation of how hard you are working and how well you are learning the material. I will also be considering attendance in determining this portion of your grade.

Disability: Any student with a documented disability needing academic adjustments or accommodations is required to notify me during the first two week of the course. All discussions will remain confidential.

Honor Code: You are required to submit work that is only yours unless you indicate otherwise, and permission from the instructor is granted. It is perfectly acceptable to work in groups on homework, but you must not simply copy work from someone else. If you copy work, or submit work that is not your own, you will automatically fail the course.