ENGG 235  Engineering Mechanics: Statics

General Description
ENGG 235 Engineering Mechanics: Statics is the foundation course in vector mechanics of rigid bodies for engineering students. In addition to a generalized description of the mechanics of rigid bodies at rest, the course addresses specific topics, including analysis of forces and moments acting on particles, rigid bodies, and structures; shear and bending moments in beams; distributed forces; static friction; and moments of inertia.

Pre-requisites
for the course include one semester of calculus-based physics (PHYS 207A at COM) and second-semester Calculus (MATH 124 at COM). MATH 124 may be taken concurrently. Students must submit proof of pre-requisites in order to enroll in the course.

Access Requirements
Students enrolled in the online section of ENGG 235 may participate in the same lectures as students in the traditional 'face-to-face' section of the course (meets Tuesdays and Thursdays 9:40 – 11am). The lectures will be presented simultaneously to students in the classroom and via the internet using freely available web-conferencing software (CCC Confer), which allows real-time interaction between students and instructor. All lectures will be archived for later viewing (or re-viewing).

All handouts and assignments will be posted on the course website, and online students must submit homework electronically.

Examinations
3 'Midterm' Exams and a Final Exam must be taken in person at designated dates and times on the College of Marin Kentfield Campus. Students may also arrange to take the exams at certain partner community colleges (contact instructor to inquire about a particular college in your area).

More Information
For a more detailed description of course content, structure, and requirements, please contact the instructor at erik.dunmire@marin.edu, and/or refer to the Syllabus link on the ENGG 235 information page located at:

http://www.marin.edu/homepages/ErikDunmire/ENGG235Info.html

First Day of Class Instructions
All students officially enrolled in the course will be able to access the Moodle course web site via MyCOM starting on the first official Monday of the semester. The course website will contain instructions about accessing the online lectures via CCC Confer.

You must access the course website by midnight Monday of the first official week of the semester. If you are unable to access the course website, you must email the instructor at erik.dunmire@marin.edu before this deadline.

If you are attempting to add the course, you must e-mail the instructor at erik.dunmire@marin.edu as soon as possible for further instructions.