

MATH 212 – SPRING 2009

ELIZABETH DAN-COHEN

Lectures: MWF 9:00–9:50 AM, KH 100
Review sessions: TBA

Office hours: Tu 1:20–3:20, Thursday 1:20–2:20, or by appointment
Office: 456 Herman Brown
Phone: x5319
Course webpage: <http://math.rice.edu/edc/math212.html>
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The textbook for the course, the fifth edition of Marsden and Tromba's *Vector Calculus*, is an excellent and useful guide. You should carefully study the sections we cover in class. The subject material is not merely one-dimensional calculus with more variables. You will learn the role played by geometry in real-world physical systems, as we cover sections of all 8 chapters in the book.

Requirements. It is your responsibility to understand the material from both the book and lectures.

Homeworks. Homework will be due each Wednesday, except exam days. Hand in your homework at the beginning of class, or that same day in my office (under the door if I am not there) by noon. Place your homework in the folder corresponding to your last name alphabetically. Late homework will not be accepted. To compensate for the firm policy against late homework, the two lowest homework scores will not count towards your average.

Homework is not pledged, and you may find it helpful to work with others to solve the homework problems. However, the write-up you hand in must be your work alone.

Exams. There will be three midterm exams and a final exam. Each midterm will take place on a Wednesday during class and will last fifty minutes. You must plan to attend on the exam dates: January 28, February 18, and March 25.

The final exam will be given during the scheduled final exam time.

Homework	20%
Midterm 1	15%
Midterm 2	15%
Midterm 3	20%
Final	30%

Final exam policy. It is the policy of the mathematics department that no final may be given early to accommodate student travel plans. We will not know when the final in this course will be scheduled for some time. Therefore, if you should make plans to travel before the end of final exam period, and it turns out that the final for this course is after your scheduled departure date, you will have to choose between keeping your plans and receiving a zero for the final, or incurring the costs for changing your plans and taking the final at its scheduled time. Thanks for your understanding.

Accommodations. Any student with a disability requiring accommodations in this course is encouraged to contact me after class or during my office hours. Additionally, students also need to contact Disability Support Services in the Ley Student Center.