MULTIVARIABLE CALCULUS

1. General Information

• Course: Math 212-003, Spring 2008
• Instructor: Sabin Cautis
• Office: Herman Brown 432, x4053
• Office Hours: Sabin Cautis in HB 432: Monday 4-6pm.
• Help Sessions: Tuesday, Wednesday, Thursday 7-9pm in HZ Amp.
• E-mail: scautis@rice.edu
• Website: includes syllabus, course schedule and homework assignments
  http://www.math.rice.edu/~sc5/math212/
• Text: Marsden and Tromba, Vector Calculus; 5th edition.

Homework: Homework will be assigned every week on Thursday and due the following Thursday at the end of class. The precise assignment will be available on the course homepage. Homework is not pledged. You may get help from any source. However you are strongly encouraged to attempt the problems yourself before seeking assistance. Any written work submitted must be your own. Your submitted work must be stapled together and should have your name on every page. I will accept homeworks dropped off at my office (you can slide it under my door) before 1PM on the day it is due, after that homework will be late. Late homeworks will not be accepted for credit.

Tests: There will be two midterm exams and a final exam. The tests will be closed book. Calculators will not be allowed. The preliminary dates for the two midterms are February 12 and April 8. The midterms will be held in class.

Grades: Grades will be computed as follows: Homework: 25 % (the lowest homework score will be dropped), Midterms 20% each, Final Exam 35%.

Teaching Assistants:
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• Bridget Franklin bf2@rice.edu
• Helge Krüger Helge.Krueger@rice.edu

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 zero for the final, or incurring the costs for changing your plans and taking the final at its scheduled time. Thanks for your understanding.

Note: Any student with a documented disability seeking academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All discussions will remain as confidential as possible. Students with disabilities will need to also contact Disability Support Services in the Ley Student Center.
2. Schedule

Very rough course schedule, subject to later adjustments:

- Tue, Jan 8 sect. 1.1, 1.2 and start 1.3
- Thurs Jan 10 sect. finish 1.3 and 1.4
- Tue Jan 15 sect. 1.5 and 2.1
- Thurs Jan 17 sect. 2.2 and 2.3
- Tue Jan 22 sect. 2.4
- Thurs Jan 24 sect. 2.5 and start 2.6
- Tue Jan 29 sect. 2.6
- Thurs Jan 31 sect. 3.1, 3.2
- Tue Feb 5 sect. 3.3
- Thurs Feb 7 sect. 3.4
- Tue Feb 12 First Midterm
- Thurs Feb 14 sect. 4.1, 4.2
- Tue Feb 19 sect. 4.3, 4.4
- Thurs Feb 21 sect. 5.1, 5.2
- Tue Feb 26 sect. 5.3
- Thurs Feb 28 sect. 5.4, 5.5
- March 4/6 Midterm Recess
- Tue Mar 11 review and sect. 6.1
- Thurs Mar 13 sect. 6.2
- Tue Mar 18 sect. 7.1
- Thurs Mar 20 sect. 7.2
- Tue Mar 25 sect. 7.3 and 7.4
- Thurs Mar 27 sect. 7.5 and 7.6
- Tue Apr 1 review
- Thurs Apr 3 Spring Recess
- Tue Apr 8 Second Midterm
- Thurs Apr 10 sect. 8.1
- Tue Apr 15 sect. 8.2
- Thurs Apr 17 sect. 8.3 and 8.4
- Tue Apr 22 sect. 8.5 and 8.6