

MATH 2210-2

Spring 1999

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Office Hours: MW 9:45-11:30am or by appointment.

Class Schedule: MWF 8:35-9:25am in WBB 707.

Text: Calculus, 7th edition, by Varberg and Purcell

Prerequisites: In this course we assume that the students are familiar with Calculus I and II as presented in Chapters 1-12 of Varberg and Purcell.

Course contents. The course covers Chapters 13–17 of the text. The *approximate* allocation of time per chapter is as follows (this is not to be considered a rigid schedule):

- Chapter 13: Geometry in the plane, vectors. 5 lectures.
- Chapter 14: Geometry in space, vectors. 7 lectures.
- Chapter 15: The Derivative in n -space. 9 lectures.
- Chapter 16: The Integral in n -space. 8 lectures.
- Chapter 17: Vector Calculus. 7 lectures.

Quizzes and Exams : there will be a quiz every other week on Friday. Three of these quizzes will be full hour exams; these occur on February 5, March 5, and April 9. The other quizzes will be short and will occupy only 10 minutes at the end of the period. The final exam will be on Monday May 3, 7:30-9:30am. The count thus amounts to 1 final, 3 midterms, and 4 short quizzes. There will be no make-up exams.

Homework: Homework will be given on a regular basis. Homework won't be collected but it is very important that you do it: it is designed to help you prepare for the quizzes and the exams.

Course grade: The letter grade for the course will be based on

1. the average score of the three midterm exams (45%)
2. the average score of the 4 short quizzes (20%)
3. the final exam. (35%)

Note that this means that the quizzes count a bit more than one midterm, and the final counts a bit more than 2 midterms. I will determine the correspondence between the weighted averages and letter grades after the final exam. This correspondence will be posted and will be the same for all students, without exception.

Free Tutoring: Free calculus tutoring is available Monday-Thursday 8:30am-7:00pm and Friday 8:30am-2:30pm in room 259, Bldg. 129. Also note that a new *quiet study* room is available in Bldg. 122, across from the undergraduate commons.

Substitute day: The University of Utah has created a *substitute day* during the week of February 15 to make room for classes not being held on President's Day, when the U will be closed. During the week of February 15, classes normally taught on Monday (President's day holiday) will be taught on Tuesday. Classes normally taught on Tuesday will be canceled. Wednesday, Thursday, and Friday classes will be held as usual. This means that class will be held on Tuesday February 16.

Incompletes: The grade "incomplete" will be given only when, during the final stages of the course, the student is prevented by circumstances beyond his or her control to complete the course.

Withdrawals: The last day to drop classes is Sunday, Jan 17. Until January 22 you can withdraw from the class with no approval at all. After that date and before Friday, March 5, you may withdraw only after petitioning the Dean's office.

ADA: The "American with Disabilities Act" requires that reasonable accommodations be made for students with physical, sensory, cognitive, systemic, learning and psychiatric disabilities. Please contact me at the **beginning** of this semester to discuss any such accommodation for the course.