MATH 1300 Section 6 - Analytic Geometry and Calculus I
Syllabus - Spring 2008

Instructor:	Dr. Divya Vernerey
Lectures:	MTWF 11:00–11:50 AM in Muen E118
Office:	Math 242
Office Hours:	TW 1:00–2:00 PM and by appointment
E-mail:	Divya.Vernerey@colorado.edu
Course webpage:	http://math.colorado.edu/~ernstd/Spring2008/1300All.html
Recitation Leader:	Karen Farrell
Recitations:	R 11:00–11:50 AM in Muen E118
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• **Text.** Anton, Bivens, & Davis: *Calculus: Early Transcendentals, 8th ed.* (Wiley). This text has been repackaged (at somewhat reduced cost) specifically for this course as *Single Variable Calculus: Math 1300/2300* and is available at the CU bookstore.

• **Prerequisites.** Two years of high school algebra, one year of geometry, and one half year of trigonometry; *or* Math 1150.

• **About the course.** The heart of calculus is the study of functions and how they change. Differential calculus (Calc I) studies the instantaneous change of a function as quantities vary and integral calculus (Calc II) measures the cumulative effect of the change of a function.

• **Grading.** Your final grade in this course will be determined by homework and worksheets, three mid-semester exams, and a cumulative final exam as follows:

Homework and Worksheets:	20%
Mid-semester exams:	20% each
Final exam:	20%

• **Homework.** Homework will be collected *everyday* and every assignment is worth 6 points. For each assignment (except the homework assigned on Thursdays), we will designate *two* problems that may be graded. When you hand in your homework, your solutions to the two problems that we have designated should **appear first on the top page**. Your remaining solutions should follow these designated problems. Your homework will always be graded for completion and occasionally the designated problems will be graded for correctness. The homework assigned on Thursdays **must** be downloaded by each student from the course web page. These homework assignments will be similar to the worksheets completed during recitations on Thursdays (see below). Late homework will *not* be accepted. Five of your lowest homework scores will be dropped at the end of the semester.

• **Worksheets.** In each recitation section you will complete a worksheet that is designed to either introduce new material or reinforce previously introduced concepts. You must attend each recitation and actively participate during the entire session. Your worksheet will not be collected but you will be graded on your attendance and participation (you will receive 6 points if you attend **and** you will receive an additional 6 points if you participate; you will receive a 0 otherwise). You cannot make-up the recitation; we will

drop your lowest two recitation grades to take into account any missed days. Both the homework due on Friday (which will cover the material covered in the recitation) and the complete solution to the worksheet **must** be downloaded from the course website by each individual student. The solutions to the worksheets will be posted to the course web page on Thursday afternoon following recitations.

• **Mid-semester exams.** Three exams during the semester are on Wednesday, February 6, Wednesday, March 5, and Wednesday, April 9, respectively, from 5:15–6:45 PM at a location TBA. There will be no *make-ups* for any midterm exams for any reason.

• **Final exam:** The cumulative final exam is on Thursday, May 8 from 7:30–10:00 PM at a location TBA. We will substitute your final exam score for your lowest midterm score if it improves your average.

• **Undergraduate Mathematics Resource Center** (UMRC or "The Center" is located in Math 175)**.** Tutors are available Mondays through Thursdays 8 AM–6 PM and Fridays 8 AM–2 PM, beginning Wednesday, January 16.