

## MATH 1300 Section 21 - Analytic Geometry and Calculus I Syllabus - Fall 2007

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*Instructor:* Dr. Divya Vernerey  
*Lectures:* MTWF 8:00–8:50 AM in Muen E118  
*Office:* Math 242  
*Office Hours:* MT 1:00–2:00 PM or by appointment  
*E-mail:* Divya.Vernerey@colorado.edu  
*Course webpage:* <http://math.colorado.edu/~stade/Math1300f07.html>

*Recitation Leader:* John Hower  
*Recitations:* R 8:00–8:50 AM in Muen E118  
*UMRC Hours:* TBA or by appointment  
*E-mail:* John.Hower@colorado.edu

• **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 in-class work, three mid-semester exams, and a cumulative final exam as follows:

Homework and in-class work: 15%  
Mid-semester exams: 20% each  
Final exam: 25%

• **Homework and in-class work.** Homework will be assigned on the course webpage and collected on Thursdays (Fridays in exam weeks). No late homework will be accepted (lowest two homework grades will be dropped).

• **Mid-semester exams.** Three exams during the semester are on Wednesday, September 19, Wednesday, October 17, and Wednesday, November 14, respectively, from 5:15–6:45 PM at a location TBA.

• **Final exam:** The cumulative final exam is on Wednesday, December 19 from 7:30–10:00 PM at a location TBA.

• **Undergraduate Mathematics Resource Center** (UMRC or “The Center” is located in Math 170). Tutors are available Mondays through Thursdays 8 AM–6 PM and Fridays 8 AM–2 PM, beginning Tuesday, September 4.

• **Winning at Math “Power Hours”.** The Student Academic Services Center and the Department of Mathematics offer a series of late afternoon seminars designed to help you excel in this course. See [www.colorado.edu/sasc/math/wedwork](http://www.colorado.edu/sasc/math/wedwork) for more information.