

Syllabus

Math 2200: Analytic Geometry and Calculus

Call No. 42-421

Term: Spring 2007

Scheduled class meetings: 10:10-11:00 MWF; room 116 Aderhold Hall

Instructor: David J. Prager

Instructor's contact information:

Office: 438 Boyd Graduate Studies Building

Office hours: 9-9:45 M,F; 11:30-1 T; other times by appointment

Webpage: <http://www.math.uga.edu/pragerdj/>

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Required textbook:

Title: *Calculus: Early Transcendentals Version*

Authors: C. Henry Edwards and David E. Penney

Publisher: Prentice Hall

ISBN Number: 0130084077

Purpose: To understand and apply the basic concepts of Calculus including limits, derivatives, and anti-derivatives.

Prerequisite: MATH 1113 (Precalculus), or equivalent.

Contents: The contents of this course will be roughly as follows:

Limits.....	2-3 weeks
The Derivative and its applications.....	7-8 weeks
The Mean Value Theorem and its applications.....	1-2 weeks
Curve Sketching.....	1-2 weeks
Anti-derivatives.....	2-3 weeks

Grade determination: The students final grade will be calculated using the following weights:

Written and online homework.....	10%
4 Mid-term exams (evenly weighted).....	60%
Comprehensive final exam.....	30%
Total.....	100%

Attendance: Students are allowed no more than 5 absences including both excused and unexcused absences. On the sixth absence a student may be withdrawn from the course with a grade of W or WF.

Homework: Homework will take two forms: written homework (from the text) and on-line homework (using WebWork). Written homework will be assigned on most days and collected the following class period. Written homework will be graded for both accuracy and completeness. No late homework will be accepted. EXCEPTION: each student will be allowed to turn in two written homework assignments up to one class meeting late. In addition, several online homework assignments will be completed using WebWork. You will be allowed to drop several written and several online homework assignments at the end of the term.

Mid-term exams: Four mid-term exams will be given during our regular class meeting time at three to four week intervals. I will announce the date of the next mid-term exam in-class at least one week before the exam.

Final exam: The final exam is comprehensive and scheduled for Friday, May 4 from 8:00-11:00 am, room TBA.

Academic dishonesty: Academic dishonesty of any kind will not be tolerated. All academic work must meet the standards contained in A Culture of Honesty. Each student is responsible for knowing those standards before performing academic work.

Accommodations for students with disability or health issues: Students with a disability or health-related issue who need a class accommodation should make an appointment to speak with the instructor as soon as possible.

Disclaimer: The course syllabus is a general plan for the course; deviation announced to the class by the instructor may be necessary.

Suggestions for success in this class:

- Attend and participate in all scheduled class meetings. This is your best chance to ask questions, and it is my best chance to gauge which areas are posing the most difficulty.
- An average student will need to spend 2-3 hours each night doing homework. This is an average: some will need to spend more, and some will get by with less. The key is not how much time you spend, but how well you can do the problems.
- Keep current with the material. Do homework problems on the night on which they are assigned. This course moves fast, and if you get behind, you are unlikely to catch up. Do not wait until a couple days before the exam to begin the practice tests.
- Get assistance when you need it. My office hours and tutors are available to give you the help you need.