

MATH 2200 - Differential Calculus - Fall Semester 2009

Course Information:

Call Number: 34-436

Lecture: MWF 11:15 - 12:05

Recitation: Thursday 12:30 - 1:20(Non Test Days), 12:30 - 1:45(Test Days)

Building 1001(Chemistry) - Room 553

Instructor:

Brandon Samples

Office: 427 K Boyd Graduate Studies

Email: bsamples@math.uga.edu

Website: www.math.uga.edu/~bsamples

Office Hours: To be determined and posted on my website.

Course Objective:

This course will give everyone an introduction to differential calculus and will include topics such as: limits, continuity, differentiability, derivatives of trigonometric, exponential and logarithmic functions, optimization, curve sketching, antiderivatives, differential equations, and applications. You will be required to display an understanding of the material through basic computation, word problem solving, as well as an understanding of some of the proofs that will be given.

Course Text/Materials:

Calculus with Analytical Geometry, "Early Transcendentals Version," Custom Edition, by Edwards & Penney, 2003, Prentice Hall. You may use a TI-30 calculator (and only a TI-30 calculator) on the exams and quizzes.

Attendance:

Any student who misses more than five days throughout the semester can be automatically withdrawn from the course.

Withdrawals:

Midpoint withdrawal deadline is Thursday, October 22, 2009. After this day, you may only receive a WF in the course, which does impact GPA. Do not assume that if you withdrawal from the course before the midpoint deadline you will receive a WP. It will only follow if you have given sufficient "passing" effort up to that point!

Grading:

Tests - There will be 3 in-class hour exams that will be given during the recitation section. Each exam will count 18% of your grade.

Test Dates: Test 1 - 09/10/2009 Test 2 - 10/15/2009 Test 3 - 11/19/2009

Final - There will be a **comprehensive** final exam given Thursday, December 10, 2009 from 12:00 to 3:00 PM. This will count for **30%** of your grade.

Online Homework - There will be a sequence of online homework assignments that will be taken using an online program called WebWork. These assignments will be given out weekly and will have clear due dates and times listed for the assignments. You will have as many chances as you need to complete the homework up until its due date; however, no late assignments will be accepted. This will count for **6%** of your grade.

Quizzes - There will be a sequence of quizzes given throughout the semester, and I will drop the two lowest quiz grades. There will be no make-up quizzes, the quizzes will probably take place during recitation, and the quizzes will always be announced. This will count for **10%** of your grade.

Honesty Policy:

Students will be required to abide by the University's honesty policy at all times throughout the course. You are encouraged to seek help from me and from your peers throughout the semester, but your work to be submitted must be done entirely by yourself. Any violations of the honesty policy will be dealt with aggressively. Please refer to the university's honesty policy, which I have conveniently linked on my website. Click on Teaching, then click on Honesty Policy.

Important Note:

This is a terminal one semester course. Those students who wish to major in engineering, a mathematical science, or a physical science, or who need another calculus course should take the 2250/2260 calculus for science and engineering sequence. There are circumstances in which an **A** student in 2200 can later choose to take 2260 with some preparation and consultation with the Associate Department Head, but this shouldn't be the primary course of action if you know you need more advanced math courses. More information can be found at the following website:

<http://www.math.uga.edu/~curr/LowerDivision.html>

Disability:

Students with a disability or health-related issue who need a class accommodation should make an appointment to speak with me or consult the following website: <http://drc.uga.edu/>

Student Services:

Note that a few services including open lab times, tutoring services, and the corresponding information can be found at the following link:

http://www.math.uga.edu/undergraduate/student_services.html

Note: This syllabus may be changed throughout the semester if deemed necessary at a later date