

MATH 2200

Instructor: Nausheen Lotia

Office: 434H, Boyd Graduate Studies Research Center

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E-mail: see 'webct' below

Office Hours: Monday, Wednesday, Friday: 3:30-4:30 and by appointment

Text: CALCULUS by Edwards and Penney

COREQUISITE: You must also enroll in MATH 2200L (Calculus Lab). *If you withdraw from the lab, you must also withdraw from the class.*

OBJECTIVE:

The primary goal of this course is for you to understand and know how to work with the derivative. You should know how to take the derivative of a polynomial, trig functions, exponential/logarithmic functions, and combinations of these. You should also know how to use the derivative to solve optimization problems, related rates, and sketch curves. You are expected to be able to demonstrate your understanding of the material by solving the problems **similar** to those covered in class, not just repeating things exactly like the ones on the board.

HOMEWORK/QUIZZES/TESTS:

Doing homework is the most important component of the course. I will frequently assign homework problems from the textbook, which will not always be picked up (I will collect selected problems maybe once every week or so). **You are expected to do the homework on your own everyday.**

There will be a quiz given every Friday in either the first or the last 10-15 minutes. Problems on these quizzes will be similar to the problems in homework assignment. Past experience shows that students who do not take homework seriously do poorly on the exams and most of them fail. For example, you may fail if you do homework only when exams are near. There will be no make-up quizzes, nor exams. However, I will drop your lowest score on both quizzes and homeworks. Also, I will replace your lowest test grade with your final exam grade if the final is higher than your lowest test score.

There will be 4 in-class tests given (equally spaced) throughout the semester. Each test is worth 13.75% of your grade.

No calculators will be allowed during any of the tests or quizzes.

Learning Disabilities: Please speak to me privately if this pertains to you. Make sure you supply the necessary paperwork from the Learning Disabilities Center.

ATTENDANCE POLICY:

There is no official attendance policy for this class. However, at the end of the semester I will take into consideration your participation and attendance in the class. If you want to do well, you need to attend.

GRADING:

Tests – 55% (each test is 13.75%)

Quizzes – 10%

Homework – 5%

Final – 30%

TENTATIVE DATES:

Test 1 – 6th Feb

Test 2 – 1st March

Test 3 – 3rd April

Test 4 – 28th April

Final Exam (scheduled by the University) - Mon, May 8, 2006. 12:00 - 3:00 pm

WEBCT:

I shall communicate with you mostly on webct. All announcements about quizzes, quiz solutions, etc shall be done over webct. It is your responsibility to log on to webct *at least* once a day to check for any emails or announcements I may post. The website is <http://webct.uga.edu>.

ACADEMIC HONESTY:

All students are responsible for maintaining the highest standards of honesty and integrity in every phase of their academic careers. The penalties for academic dishonesty are severe and ignorance is not an acceptable defense. For further information, please consult the website:
http://www.uga.edu/ovpi/academic_honesty/culture_honesty.htm

This syllabus provides a general guide for the course. Deviation may be necessary.