

Instructor: Whitney Montgomery

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Course Web Page: http://www.math.uga.edu/~wmontgom/math2200_s2008.html

Textbook: *Calculus, Early Transcendental Functions, UGA edition*; by Edwards and Penney

Building/Time: MWF 10:10-11:00 in Building 1011-0210, H 11:00-12:15 in Building 1001-453

Office Hours: MWF 11:10-12:00, F 9-10, or by appointment

Course Description

This course is designed to be a terminal calculus course. There are 5 central topics to this course; the definition of the derivative, differentiation rules, word problems, graphing, basic theoretical aspects of calculus, and basic antidifferentiation.

Calculators

While calculators are important tools in mathematics, they can become a crutch for students learning mathematics. Therefore, I will allow calculators to be used on homework. But, they will *not* be allowed on quizzes *nor* exams. I encourage you to try all homework problems without a calculator and then use it to check your work, especially when graphing functions.

Grading:

Your grade in this course will be based on your performance on homework, quizzes, four exams, and the final exam.

Homework

Homework will be assigned on a weekly basis. Homework will be collected each Friday in class and returned to you on Monday or Wednesday of the following week. If time allows, there will be time in class to answer questions about homework. However, I strongly suggest that you use office hours and the tutoring services, as well. If you plan on being absent on the day that homework is due, you may turn in your homework beforehand; late homework will not be accepted under any circumstances. The three lowest homework scores will be dropped.

Exams

There will be four exams during the semester and a comprehensive final exam. The final will be cumulative. Please see the finals schedule for the time and date. The four exams will be given through out the semester. Exam 1 will be given after we have covered section 3.1. Exam 2 will be given after we have covered section 3.7. Exam 3 will be given after we have covered 4.4, and Exam 4 after 8.3. If you will be absent on the day of an exam, you must let me know as soon as possible so that arrangements can be made. If an emergency should occur the day of the exam, you may make-up the exam if you have documentation (like a doctors note).

Quizzes:

Quizzes will be given each Thursday of each week, except the weeks when there is an exam. The quizzes will cover the material from the homework that was *due* the week before. Thus, you will have time to review your graded homework and correct any mistakes you may have made. The questions on each quiz will be based off of questions from your homework. No make-up quizzes will be given. The lowest quiz score will be dropped.

Attendance:

While I will not be taking attendance, I recommend that you only miss class when necessary and therefore, attendance should be viewed as mandatory.

Grading: The course is graded using the standard breakdown for letter grades, i.e. 90-100 for a letter grade of A, 80-89 for a grade of B, 70-79 for a grade of C, 60-69 for a grade of D, and F for 59 and below. Pluses and minuses will be awarded for the top and bottom 2%, respectfully. I hold the right to adjust final grades. However, you will receive no less than what you earn.

Homework	10%
Quizzes	20%
Exam 1	10%
Exam 2	10%
Exam 3	10%
Exam 4	10%
Final Exam	30%

The information on this syllabus is subject to change.