

Math 106 Fall 2004
Section 1,
TR 5:15-7:55pm Science 112

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TEXT: *Calculus Concepts: An Informal Approach to the Mathematics of Change, Brief third Edition* by D. LaTorre, et. al., D.C. Heath and Company, 1998

COURSE CONTENT: (by catalog) The course contains introductory topics in mathematics for students in arts and business. Topics include functions; graphs; linear, polynomial, rational, exponential and logarithmic models and an introduction to differential and integral calculus.

Prerequisite: Math 105 or Math 117.

CALCULATOR: You must have access to the TI-83 Plus graphing calculator on assignments and for part of each test. Tests will generally be in two parts, one with calculator and one without.

HOMEWORK: A list of suggested homework problems will be given for each section covered. I do expect that you will attempt *all* homework problems. I will grade some, though not all, of these problems. We will spend some class time in groups working on these problems. Any homework **must** be turned in using the proper format and on time. NO late (or incorrectly formatted) homework will be accepted. Homework will account for ~14% of your final grade. (100 pts)

QUIZZES: There will be quizzes on most days These quizzes will be very short (approx. 10-15 min.) and will come almost directly from the homework. Each quiz will be worth 10 points and I will count 10 of them. Since I plan to give many of these quizzes (at least 12, hopefully 13) I will drop the extra ones. This does mean that quizzes cannot be made up. Quizzes will count for ~14% of your final grade.

TESTS: There will be three in-class exams, each exam worth 100 points, and a comprehensive final exam worth 150 points. **I will not curve your test grades.** If you miss a test for any reason, you need to notify me **no later** than the day after the test to set up a time for a make-up.

ATTENDANCE: Attendance is the responsibility of the student. I will not take roll. However, quizzes cannot be made up, and exams will be made up only in the case of an excellent excuse.

SCHEDULE: We will be working on a schedule of (approximately) 2 sections per day. Exam one will cover sections 1.1-1.4 and 2.1-2.4 and should occur on June 26. The second test will cover 3.1-3.4 and 4.1-4.5 and will be on July 15. The third test will cover 5.1, 5.2 and parts of chapter 6 (probably 6.1-6.4, may vary) and should occur on July 29.

GRADING: 100-90%=A, 90-79%=B, 79-68%=C, 68-57%=D, 57% and below is an F.

SCHOLASTIC DISHONESTY WILL NOT BE TOLERATED! You are responsible for doing your own work. Any violation of this principle will result in a zero grade on the work in question.