

Math 106 Summer Extended 2003

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 First 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.

PROJECTS: I strongly encourage students to work together when studying mathematics (except on exams!) and to further this goal there will be several group projects during the course of the semester. These projects will be discussed at the time they are assigned.

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 4.1-4.4 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.