

Math 151 Spring 2007
Section 1,
TR 5:45-7:10pm Science 107

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TEXT: *Mathematics for Elementary Teachers, A Contemporary Approach, Seventh Edition*, Gary L. Musser, William F. Burger and Blake E. Peterson, Wiley, 2006.

COURSE CONTENT: (by catalog) This course includes concepts essential to mathematics for elementary school teaching candidates. Topics include: set theory, numbers and numeration, number theory, rational numbers and problem solving. This course does not meet the general education requirement in mathematics.

Prerequisite: MATH 100 or equivalent.

CALCULATOR: You must have access to the TI-83+ or TI-84+ graphing calculator on assignments and for part of each test. Tests may 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 ~15% of your final grade. (100 pts)

QUIZZES: There will be quizzes every week. 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 ~15% 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.

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.