

**Math 132 Spring 2006**

Section C,  
11:00-11:50am  
Science 151

**Professor:** Andrew Diener  
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**OFFICE:** 103F Science  
**OFFICE HOURS:** 1-5pm MTWR.

**TEXT:** *Calculus, 4th edition* by Hughes-Hallett, Gleason, et al.

**COURSE CONTENT:**(by catalog) Topics include integration by parts, partial fractions and use of tables, applications of integration, approximations using Taylor and Fourier polynomials and series and differential equations and modeling, The course requires the use of a graphing calculator. Prerequisite: MATH 131. Offered in Fall and Spring. One semester; three credits

**CALCULATOR:** You must use a graphing calculator, preferably a TI-89, on assignments and occasionally on tests. 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. Homework will account for 10% of your final grade. (50 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 ten of them. Since I plan to give many of these quizzes (at least twelve) 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.

**SCHEDULE:** We will spend a few days on sections 6.1-4, then two weeks on sections 7.1-4. The first exam will cover these sections and will be given on Friday February 3. The next two or three weeks will be spent on Sections 7.5-8 and 8.1-4 the second exam will be on or about Friday March 3. The semester will conclude with the study of Sections 9.1-5 and 10.1-5. The third exam will be on or about April 7.

**GRADING:** 100-90%=A, 90-80%=B, 80-70%=C, 70-60%=D, 60% 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.