

**Math 132 Summer II 2001**

Section F, 10:30am

Science 112

**Professor:** Andrew Diener  
**PHONE:** 321-3452  
**Home Page:** <http://www.cbu.edu/~adiener>  
**E-MAIL ADDRESS:** [adiener@cbu.edu](mailto:adiener@cbu.edu)  
**OFFICE:** 103F Science  
**OFFICE HOURS:** 1-3pm MTWTh.

**TEXT:** *Calculus, 2nd edition* by Hughes-Hallett, Gleason, et al.

**COURSE CONTENT:**(by catalogue) 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, such as the TI-86, 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 at least every other day. 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 8 of them. Since I plan to give many of these quizzes (at least ten) I will drop the extra ones. This does mean that quizzes cannot be made up. Quizzes will count for 16% of your final grade.

**TESTS:** There will be two 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 two classes on sections 6.1-4, then seven more on sections 7.1-8. The first exam will cover these sections and will be given (tentatively) on Friday July 20th. The next 4 or 5 class periods will be spent on Sections 8.1-3 and the semester will be finished out with the study of Sections 9.1-5. The second exam will be on or about August 3.

**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.