

**WAKE FOREST UNIVERSITY**  
**MTH 112: Calculus II**  
**SPRING 2007**  
**Instructor:** Dr. Dometrius

**Text:** Single Variable Calculus, by James Stewart, 5<sup>th</sup> edition  
**Office:** 344 Manchester Hall      **Office Phone:** 758- 5356      **E-mail:** dometrce@wfu.edu  
**Office Hours:** 11:00—11:50 MWF, 2:30—2:55 MTWF, or by appointment

**Course Content:** After a brief review of derivatives and differentiation rules, we will cover integration topics, including the Fundamental Theorem of Calculus, techniques of integration, applications of integration, improper integrals, inverse functions, and l'Hopital's Rule. We will also cover sequences and series, including Taylor and McLaurin Series and interval of convergence problems. The review material is in Chapter 3, the integration material is in Chapters 5-8, and the material for infinite series can be found in Chapter 12.

**Grade Distribution:** 3 tests: 2 highest at 25 % each, lowest at 20%; Final Exam—30%

**Test Dates (tentative):** Fri, Feb. 16; Wed, March 28, Wed, April 25

**Final Exam Date and Time:** Tuesday May 8, 2007, 9 a.m.—12 noon

You are expected to take each test at the scheduled time (even if that time changes). If illness or an emergency make it necessary for you to miss a test, you must provide official documentation such as a call from Student Health to my office phone to be allowed to take a makeup exam. Any makeup exams will be scheduled to my convenience, not to the student's preferred time for making up the exam.

**Grade scale:** 10 point grading scale, subdivided as follows: 80-82 B-, 83-86 B, 87-89 B+, and similarly for the other letter grades with the exception that there is no A+.

**Attendance:** Attendance will be taken daily. Attendance and participation, as well as other factors such as visits to office hours, will be taken into account for borderline grades. If a student's absences are affecting his/her grade, that student will be warned and failure to correct the situation can result in a grade penalty.

**Calculators:** You are required to have a calculator to use in performing basic mathematical operations such as messy arithmetic or finding sines, cosines, natural logs, etc.--it need not be a graphing calculator. Calculators will not be allowed on tests. Try to use your calculators only when necessary or for checking work when you do homework problems. Do not become over-reliant on a tool that will not be available to you on tests.

**Homework:** Homework will be assigned but not collected. The single most important factor to the student's performance in this class is the successful completion and comprehension of the homework problems. The exams will test the student's ability to perform problems similar to the homework problems in a timed setting, without the aid of the textbook.

**Honor Code:** You are encouraged to work together on the homework assignments (the answers to the odd-numbered homework problems are in the back of the book as well). The work on the exams is expected to be your own.

**Students with Disabilities:** Any student with a university-recognized disability should contact me well before the first exam to discuss any necessary accommodations for the student and to provide proof of the disability.

**Last Day to Drop the Class:** Wednesday, February 21<sup>st</sup>

