Math 113: Calculus II  
Syllabus: Fall 2008

Instructor: Forcade TMCB 316, 422-2379, forcader@math.byu.edu  
Office Hours: 10-11, 3-4 Monday, 11-12, Wed., Fri.  
Classroom and Time: 116 TMCB, 1:00 daily  
Text: *Calculus, 6E, Volume 2* by James Stewart.

Course Objectives: Mastery of the "core topics" of Math 113, consisting of most of the material in chapters 6-11 (omitting chapter 9) of the text.

Prerequisite: Successful completion of Math 112 or its equivalent with a grade of C- or better.

Preparation Time: Adequately prepared students should expect to spend a minimum of three hours of work for each credit hour. This adds up to a minimum of 12 hours per week for math 113 in addition to time spent in class. A minimal time commitment is likely to lead to an average grade B-/C+ or lower. Much more time may be required to achieve excellence.

Assignments: Assignments will generally be collected in class on Mondays, Wednesdays, and Fridays. Late homework will rarely be accepted. The lowest five homework scores will not be figured into your final grade. This accommodates for minor illnesses or others disruptions to your regular schedule that might prevent you from turning an assignment in on time. Solutions should be clearly labeled and in order. The style of your written solutions should be very much like that of a text book example; solutions should contain enough explanation so that one of your classmates would be able to easily understand what you have done. Generally, it is inadequate to merely write down a final answer. You are strongly encouraged to study together and work together on homework assignments. However, you each must submit your own assignment. Everything you turn in should be in your own words and you should thoroughly understand everything you write down. The homework grader will only grade selected exercises. Therefore it is important for you to solve each one.

Grading:

- Homework 20%
- 3 Midterm Exams 30%
- Final Exam 50%

(This is only approximate, given the policy outlined in the following paragraph.)

Common Final Exam and Grades: A common final exam is given to all students in all sections of Math 112. This assists the Mathematics Department to fairly assess students’ knowledge of calculus and to assign grades fairly. The percentile ranking of each student relative to all students in all sections will be computed based on the final exam scores. Using this information the Calculus Committee will compute an average grade for each section. It is department policy that the average grade for each section should match its average grade on the common final exam. No calculators, books, or notes will be permitted during the final exam. The final exam will be given on Monday, April 15 from 7-10 a.m. The room will be announced later in the semester. It will likely *not* be your assigned classroom.
Preventing Sexual Harassment: BYU’s policy against sexual harassment extends not only to employees of the university but to students as well. If you encounter sexual harassment, gender-based discrimination, or other inappropriate behavior, please talk to your professor, contact the Equal Employment Office at 422-5895 or 367-5689, or contact the Honor Code Office at 422-2847.

Students with Disabilities: BYU is committed to providing reasonable accommodation to qualified persons with disabilities. If you have any disability that may adversely affect your success in this course, please contact the University Accessibility Center at 422-2767. Services deemed appropriate will be coordinated with the student and instructor by that office.