

SYLLABUS – MATH 113
Fall 2001

Dr. J. Shapiro

Office: Science & Tech. I, Room 201C
Hours: TR 10:30 - 11:30, W 1:30 - 2:30 and by appointment
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Text: *Calculus, Early Transcendentals*, by James Stewart, Fourth Edition
Home Page <http://math.gmu.edu/~jshapiro/m113/index.html>

Prerequisite: You need a C or better in Math 105 or successful completion of the Math Placement Test.

Material to be covered: We will cover, in order, chapters 1 - 5 and perhaps Sect. 6.1. Topics include limits, derivatives, exponential and logarithmic functions, integrals and their applications. We will also cover the mathematics software Maple.

Homework The following page contains the homework assignment for the term. While the homework will not be collected, it is important to do all the problems as we cover a section (if not sooner). The homework from a section will be reviewed in the recitation section after we finish the lecture on that section. In addition the quizzes will come from the homework.

Exams & Grading: There will be a 10 point quiz given every week in your recitation class, except for the weeks immediately after an exam. Two of the quiz grades will be dropped, so there will be NO make-ups on the quizzes. There will be two or three Maple assignments to be handed in (approximately 20-25 points each). Since the hand-in homework counts toward your grade, the only person you are allowed to discuss these problems with is me. While on occasion, given a *very good* reason, I will accept a late assignment, I reserve the right to refuse any work submitted after the due date. There will also be 3 exams during the term (100 points each) and a comprehensive final (150 points). The *tentative* schedule for the exams and for the final (this date is fixed) are as follows:

Exam 1	Thursday, Sept. 20
Exam 2	Thursday, Oct. 25
Exam 3	Thursday, Nov. 29
Final	Tuesday, Dec. 13, 1:30 - 4:15

Note: Scientific calculators will not be allowed during exams. A make-up for an exam will be allowed only under unusual circumstances (for which I may want proof). In particular, a make-up exam is not automatic and will be given at my discretion.

Grading Scale: Your grade will be computed as a percentage out of a total of (approximately) 600 points (3 exams + 1 final + 9 quizzes + 3 maple hw's). Scale A: 90 - 100, B: 80 - 89, C: 70 - 79, D: 60 - 69, F: 0 - 59. Plus or minus grades will be used for borderline cases.