SYLLABUS – MATH 114 Fall 2002

Dr. J. Shapiro

Office:	Science & Tech. I, Room 201C
Hours:	TWR 1:30 - 2:30 and by appointment
Phone:	(703) 993-1485
E-mail:	jshapiro@gmu.edu
Text:	Calculus, Early Transcendentals, by James Stewart, Fourth Edition
Home Page	http://math.gmu.edu/~jshapiro/m114/index.html

Prerequisite: You need a C or better in Math 113 or its equivalent.

Material to be covered: We will cover, in order, chapters 6 - 11 (we will also review 5.5). Topics include volumes of various solids, techniques of integration, differential equations, parametric equations and infinite series.

Homework: The following page contains the homework assignment for the term. While this 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 to the homework on the back page, you will be assigned problems from the text to be handed in on a weekly basis. The assignments will be posted on the course web page. They can either be handed in during recitation or placed in a box outside my office door. They are due Wednesdays at 3:00.

Exams & Grading:

Evaluation will be based on the following:

- 1. Three in-class exams worth 100 points each
- 2. Weekly homeworks worth approximately 5 points each.
- 3. A final exam worth 150 points.

The *tentative* schedule for the exams and for the final (this date is fixed) are as follows:

Exam 1	Tuesday, Sept. 24
Exam 2	Thursday, Oct. 24
Exam 3	Thursday, Nov.21
Final	Thursday, Dec. 12, 10:30 - 1:15

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.

Help: If you need help with the work you have a number of possibilities. You can go to the TA, you can come to me, or you can go to the Mathematics tutoring center in Johnson Center, room 311C.

Grading Scale: Your grade will be computed as a percentage out of a total of (approximately) 490 points (3 exams + 1 final + 8 homeworks). Scale A: 92 - 100, A-: $90 - 92^-$, B+: $88 - 90^-$, B: $82 - 88^-$, B-: $80 - 82^-$, C+: $78 - 80^-$, C: $70 - 78^-$, D: $60 - 70^-$, F: 0 - 59.