

SYLLABUS
MATH 114, SECTION 001
SPRING, 2009

Instructor: Professor Levy

Office: ST1, Room 201B

Office hours: Mondays and Wednesdays, 11:00-11:50 AM

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Course web site: <http://math.gmu.edu/%7Erlevy/M114Sp09/index114.html>

(Note: The easiest way to access the course web site is to go to the math department home page at math.gmu.edu and there will be a link to course home pages.) The web site will include information about homework assignments, exam solutions, and announcements.

Text: *Thomas' Calculus, Early Transcendentals*, Eleventh Edition, Finney *et al.*, Addison-Wesley, 2003.

Course prerequisites: A grade of C or better in MATH 113. In particular, it is important that you be comfortable with differentiation and integration.

Homework: At the end of this syllabus is a list of sections to be covered and homework assignments. Some modifications to the material covered or the homework assigned might be announced in class. The homework will not be collected, but it is essential that you do the problems in order to understand the course material.

Recitations and getting help. Each of you should have signed up for a recitation section. Quizzes and possibly additional assignments will be given during recitation. If you have difficulty with the homework, or with any of the course material, there will be opportunities to ask questions during the recitation. Help is also available in the Math Tutoring Center in the Johnson Center. *Do not wait until an impending exam to get help. You should never come to class without understanding the material that was discussed previously.*

Exams: There will be exams on the following dates:

Wednesday, February 11

Wednesday, March 4

Wednesday, April 1

Wednesday, April 29

Because an absence on the date of an exam might be unavoidable due to illness or emergency, the lowest of these four exam grades will be dropped. UNDER NO CIRCUMSTANCES WILL MAKE-UP EXAMS OR EARLY EXAMS OR LATE EXAMS BE GIVEN.

If you are not in class when an exam is returned, you may pick up your exam in my office during office hours within one week of the day the exams are returned. After that, your exam might be discarded.

Final Exam: The final exam will be Monday, May 11, 2009, from 7:30AM until 10:15 AM.

Grading: Grading of exams will be based on both the work and the final answer. Your work must be neat, clear, and both grammatically and mathematically correct. IF YOUR WORK IS UNCLEAR OR INCORRECT, YOU MIGHT NOT RECEIVE ANY CREDIT, EVEN IF YOUR FINAL ANSWER IS CORRECT.

If you think that there is an error in the grading of an exam, within one week of the day the exams are returned to the class, before talking to me about it, submit your comments or questions to me in writing, along with your unaltered exam. If you do not do this, you forfeit any opportunity to have your grade reconsidered.

Each of the in-class exams counts for 15% of the grade. The recitation grade counts for 15% of the grade. The final exam counts for 40% of the grade.

Grading scale. The grading scale is:

90-100	A
80-90 ⁻	B
70-80 ⁻	C
60-70 ⁻	D
Below 60	F

Plus and minus grades might be given in borderline cases.

Section	Problems
5.6	1, 2, 3, 8, 9, 17
6.1	1(a,d), 3, 4, 7, 10, 19-22, 26, 39, 40
6.2	1-4, 7-10
6.3	1-4, 9-12
7.1	1-6, 9-14, 25, 47, 48
7.2	1-5, 8, 13
8.1	1-7, 17-20, 37, 43, 44, 47, 48, 57, 58, 63, 72
8.2	1-8, 9, 11, 21, 28
8.3	5-12, 17, 18, 21-23, 29-32, 35, 45
8.4	1-5, 13-18, 23-25, 33-36
8.5	1-12, 29, 30
8.7	1-7, 28
8.8	1-14, 24-27, 35-39, 47-55
10.5	1-8, 17-21, 23-33, 40-54
11.1	1-10, 13-18, 23-37, 41, 46, 59
11.2	2-4, 7-10, 15-17, 20-28, 45-48, 51, 52, 75, 76
11.3	1-10, 18, 19
11.4	1-13, 24, 25, 35
11.5	1-14, 27-30
11.6	1-6, 11-17, 34, 35, 40
11.7	1-11, 22, 27, 33, 34
11.8	2-6, 9-12, 21-25
11.9	1-11, 31-33, 49, 50
11.10	1-6, 11-13, 15-20