

MATH 108, Section A01  
SUMMER, 2009

Text: Hoffmann and Bradley, *Calculus for Business, Economics, and the Social and Life Sciences*, Ninth Edition

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(You can also access the course web site by going to [math.gmu.edu](http://math.gmu.edu), and clicking on 'Course home pages.')

Office hours: Monday through Thursday, 8:30AM-9:20AM

**Prerequisites.** A passing score on the math placement test is required for this course. It is very important that you be fluent in algebra. You should already be familiar with the material in Appendices A1 and A2, and the material in Chapter One of the text. That material will be covered only very briefly in this course.

**Course Material.** This course will cover the basics of elementary calculus. Many of the applications will be taken from business and economics. The emphasis will be on the mathematics.

In order to learn calculus, besides reviewing your class notes and reading the text, you will have to do lots of problems. A list of problems, along with the sections covered, is at the end of this syllabus. You should do all problems after the corresponding material is covered in class. Homework will not be collected. If, after working hard on a problem, you still have questions, help is available at the Math Tutoring Center in the Johnson Center, Room 311C. The summer hours for the Math Tutoring Center will be posted on the Math Department web site ([math.gmu.edu](http://math.gmu.edu)). (The tutoring center will be closed on all University holidays.) You will also be able to ask questions about homework at the beginning of class.

**Exams.** There will be exams on the following dates:

Tuesday, May 26

Tuesday, June 2

Tuesday, June 9

Tuesday, June 16

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. There might also be some (unannounced) quizzes.

If you are not in class when the exams are returned, you must get the exam during my office hours within one week of the day the exams are returned to the class. After that, the exams might be discarded.

Exams will be graded not only on the basis of the final answer, but also on the basis of the work. All work must be legible and both grammatically and mathematically correct. If you have a question about the grading of an exam, within two days of the day the exam is returned to the class and *before talking to me about it* attach to your unaltered exam a clearly-written note explaining in detail what your concern is. If you do not do this, you forfeit any chance of having your score adjusted.

The final exam will be from 10:30 AM until 1:15 PM on Thursday, June 18.

**Grading.** The final exam counts 40% of the final score. Each of the other exams counts 15% – 20% of the final score. The rest of the grade will be based on the quizzes (if there are any). The grading scale is

90-100	A
80-90 <sup>-</sup>	B
70-80 <sup>-</sup>	C
60-70 <sup>-</sup>	D
Below 60	F

Plus or minus grades might be given for work that is on the border of these ranges.

There might be some changes to the sections covered or problems assigned. Any such changes will be announced in class.

<u>SECTION</u>	<u>PROBLEMS</u>
Appendix A1	1-54
Appendix A2	1-42
1.1	1-24, 42, 44, 52
1.2	1-30
1.3	1-16, 21-30, 31, 38
1.4	2-9, 10-13, 32, 35, 60
1.5	1-23, 31, 33
1.6	1-9, 15-18, 23-25
2.1	1-21, 23, 24
2.2	1-35, 40, 42, 44, 45
2.3	1-23, 27-31, , 53
2.4	1-5, 11, 12, 17-31, 37, 38, 43, 51, 52
2.5	1-6
2.6	4-11, 13, 17, 22, ,25, 39, 41
3.1	1-36, 53, 62
3.2	5-8, 13-17, 53, 55
3.3	1, 2, 5, 6, 8-11, 17-22
3.4	1-12, 29, 33, 34
3.5	1-10, 35
4.1	3, 5-9, 13-17, 19, 20, 27, 29, 40
4.2	3-9, 13-17, 21-24, 33-35, 44-46
4.3	1-30, 35-39, 41, 45, 61
5.1	1-15, 21, 23, 25, 41, 42
5.2	1-9, 15, 449, 51
5.3	1-14, 23, 29, 48