

MATH 108 - Section 1
Introductory Calculus with Business Applications
Spring 2009

Instructor : David Singman

Office and Hours: Science & Tech I, Room 235, M,W,F 11:00-12:00 and by appointment. I encourage you to see me with math questions you have about the material of the course.

E-mail and Telephone: dsingman@gmu.edu, (703)-993-1476. If I am unavailable, e-mail is the best way to get in touch with me, but you can also leave a voice-mail message.

Web site: A web site has been set up for the course. It is your responsibility to monitor it several times per week for updates. On it I will post announcements relevant to the course, quizzes, practice quizzes, and tests (once they are given), complete solution sets to quizzes and tests, lists of practice problems, this syllabus, etc. You can find it by going to <http://math.gmu.edu>, following the link to “**course information**”, then “**course home pages**” and clicking on the link to our section.

Prerequisites: 1) Successful completion of the Math Placement Test or its equivalent within the last year or 2) successful completion of the self-paced Algebra Tutorial Program offered by the Mathematics Learning Center or 3) C or better in the appropriate algebra class (for example Math 163 at NOVA) taken at a university. Students who do not meet one of the above prerequisites will be dropped from this class.

Text: *Calculus For Business, Economics, and the Social and Life Sciences*, ninth edition by Laurence Hoffmann and Gerald Bradley

Syllabus: Chapters 1 through 5 (with some omissions). See the list of **Practice Problems**.

Quizzes: These will be held each week, except during test weeks. The lowest two quiz grades will be dropped. This includes quizzes missed.

Class tests: There will be three class tests given during class time. The tests will be held on the following days:

Test 1	Wed. Feb. 18
Test 2	Wed. March 25
Test 3	Wed. April 29

Final Exam: The final will be held on Monday, May 11 from **7:30a.m.-10:15am**. It will be a cumulative exam that covers all of the main ideas of the course.

Grading: Each of the class tests counts for 20%, the quizzes count for 10%, and the final exam counts for 30%. There will be **no make-up quizzes or tests** for any reason. In case one of the exam scores is much lower than the others (including an exam that is missed), consideration will given by counting the final exam in its place for 20% extra (i.e. in place of the worst class test).

Practice Problems: See the practice problems for the course. Though the practice problems will not be collected, I assume students are doing the homework problems as each section is covered. Tests and quizzes will be based on these problems as well as problems worked in the lectures.

Scale: A^- , A , A^+ 90 - 100; B^- , B , B^+ 80 - 89; C , C^+ 70 - 79; D 60 - 69; F 0 - 59.