

MAC 2233 SYLLABUS

COURSE: Business Calculus MAC 2233	INSTRUCTOR: Qihong Shen	AUDIT/WITHDRAW DATE: October 16, 2009
E-MAIL ADDRESS: shenq@fiu.edu	OFFICE HOURS: MW: 10:00am-11:00am (ACI 386A)	

TEXTBOOK:

Calculus for Business, Economics, and the Social and Life Sciences, 9th edition, by L.D. Hoffman and G.L. Bradley.

COURSE DESCRIPTION:

Functions, derivatives (involving polynomials, exponential functions, logarithmic functions), applications of the derivatives to optimization; integration, area, and applications to business and economics; partial derivatives and related optimization problems.

HOMEWORK:

Homework is not used in calculating your average. However, it is strongly suggested you do all the homework. Test directions and questions are usually very similar to homework problems. I expect you to keep up to date with it. If you need help with your assignments you need to see a tutor. Remember that to do well on the tests *you must have enough practice*. This means that you do your homework in a daily basis. Don't try to study just the last two days before your tests because you will not be able to remember all the information and you may not pass the test.

TESTS:

There will be 3 tests and a cumulative final exam in this course. There are NO make-up tests. The three test scores will count as 70% of your final grade, and your final exam score will count as 30% of your final grade. If you have taken all the unit tests, and have good attendance, then if your final exam grade is higher than any 1 of your test grades, your final exam grade will count twice replacing the lowest grade in your test average. Otherwise, your final exam grade will only count once.

GRADING POLICY:

Your grade will consist of 70% for your test average +30% for your final exam.

The following scale will be used:

90-100 A, 87-89 A-, 83-86 B+, 80-82 B, 77-79 B-, 73-76 C+, 70-72C, 63-69D+, 60-62 D, 59-0 or if a student commits an act of cheating/plagiarism F.

No C minus grade will be assigned.

W = Withdraw if a student officially withdraws by the catalog drop date.

I = Incomplete if a student is in good standing (passing) and has documented, extenuating circumstances.

ATTENDANCE:

You are required to attend all classes. If you miss a class, you are responsible for any work missed. A student may be withdrawn from the class for excessive absence, continual lateness, disruptive behavior, cheating, and/or plagiarism. NO students will be withdrawn or audited, by the instructor, after the final drop date for the term.

You are expected to come to class on time and not to leave the class early unless you notify the instructor ahead of time. No distractions of any kind will be permitted in the classroom and the student will be required to leave the classroom immediately for doing otherwise. If under special circumstances you must come late to class or leave the class early on a particular day, you must notify the instructor ahead of time or after class and sit in the row closest to the classroom door.

If you miss one class, in between tests, you will be deducted one percentage point from your test grade per class missed. (Example: If you miss 2 classes, 2 percentage pts. will be deducted from your next test).

ADDITIONAL SUPPLIES:

A scientific calculator is allowed, but the use of graphing calculators on tests and assignments will not be permitted. Notes or formula sheets are not allowed to use during tests. No laptops are allowed in the classroom.

ADDITIONAL COMMENTS:

Students should NOT have cell-phones or beepers turned on in class.

Student Solutions Manual: Available online at w3.fiu.edu/math (username: math and password: business calculus)

If you have any other questions about this course or if you are unable to attend a scheduled class or exam, because of some unavoidable, documented circumstance, you may contact me through email prior to the next regularly scheduled class.

MATH LAB (LEARNING CENTER):

Students who have difficulty completing homework assignments and/or score below 60% on exams must get free help with the tutors.

Information for free help: http://w3.fiu.edu/math/math_help/math_help.htm

**MAC2233 – BUSINESS CALCULUS
COURSE SCHEDULE AND HOMEWORK**

DATE	SECTION	EXERCISES
8/25	Review	
8/27	1.5	1-37 odd, 55
9/1	1.6	1-47 odd, skip 41

9/3	2.1	1-7 odd, 14,15,24,36,37,47
9/8	2.2, 2.3	2.2 (1-69 odd) 2.3(1-61 odd, 66, 67. skip 37,39,41,51,53)
9/10	2.3, 2.4	2.4 (1-65 odd)
9/15	2.5	1-25 odd
9/17	Review	Chapter R and Chapter 2
9/22	Test #1	Supplementary handout 1-30
9/24	3.1	1-43 odd, skip 5,7
9/29	3.2	13,15,17,21,28,30,35,37,55,57,59
10/1	3.3	1-31 odd
10/6	3.4	1-17 odd, 20,33,37
10/13	3.5	1,3,5,6,7,9,15,17,19,20,22,34
10/15	Review	
10/20	Test #2	
10/22	4.1	1,3,4,27,29,33,35,38,41,47,49. Also sketch $y=e^{(-x)}$ and $y=e^x +2$
10/27	4.2	1-45 odd, 50, 51
10/29	4.3, 4.4	4.3(1-55 odd, 65-69 odd,83) 4.4(5-11 odd, 17,21,22,25,26)
11/3	5.1, 5.2	5.1(1-29 odd)
11/5	5.2, 5.3	5.2(1-33 odd, 42, 50,52) 5.3(1-29 odd, 43,48,49,51,58,62)
11/10	Review	
11/12	Test #3	
11/17	5.4	1-51 odd, 44. Skip 29,31,33
11/19	5.5	1-43 odd. Skip 37
11/24	7.1, 7.2	7.1(1-17 odd,27,29,33) 7.2(1-25 odd, 37-41 odd, 57-61 odd, 64)
11/26	NO CLASS	
12/1	7.3	1-35 odd, skip 11,29
12/3	Final Review	
TBA	Final Exam	