

MAC 2233 Sec. 05  
Prof. Royer

Business Calculus

SummerB 2007

Office : DM 438B

Phone:305-348-1882

Office hours : MTWR 7:30-8 AM PC 424 AM

MTW 9:20-10:20 AM DM 428B

email: [royerm@gate.net](mailto:royerm@gate.net)

**Text:** Calculus for Business by Hoffman and Bradley, 9<sup>th</sup> Ed,

This course covers Functions and their graphs, limits, differentiation concepts, marginal analysis, the chain rule, higher order derivatives, maxima, minima, optimization problems, exponential and logarithmic functions, integration, area and definite integral and applications.

The pre-requisite to the course is **College Algebra MAC 1105** or MAC 2147 with a grade of C or higher.

**Scientific Calculator Required.**....(Graphing Calculator prohibited)

**Attendance** is expected!! Extra credit will be given for good attendance and not being late.. I expected all students to get to class on time. Habitually tardy students will be refused late admittance. Please **turn off** beepers and cell phone. Students are expected to behave appropriately and obey the rules of conduct at FIU (see student handbook).

**Grading:** There will be 2 tests and a required cumulative Final Exam (to be given on the date scheduled by the registrar)

Each shall be 33.3% of your grade. There are **NO MAKE-UP** exams. If you miss a test with an instructor excused absence, I will count the final exam as two grades. I reserve the right to add points to students who display outstanding class participation. (Grades will not be curved nor dropped)

Grading Scale:

Points	Grade
270+	A
261-269	A-
252-260	B+
240-251	B
231-239	B-
222-230	C+
201-221	C
192-200	D+
180-191	D
0-179	F

\*\*\*Calendar of important dates (you are responsible for these) <http://www.fiu.edu/%7Eregister/calendars.htm>

Final exam schedule <http://www.fiu.edu/~register/final.htm>

Where to get help with course material: [http://w3.fiu.edu/math/math\\_help/math\\_help.htm](http://w3.fiu.edu/math/math_help/math_help.htm)

1. The Learning Center in **PC 247**. If you go and there are tutors available, you will get immediate help. Otherwise, you will have to make an appointment. The phone number is 305-348-2180. For those of you living closer to the Biscayne Bay campus, the Math Lab there is in ACI 160 and the phone number is 305-919-5927.
2. The Office of Multicultural Programs and Services in **GC 216**. Tutoring is available to all students, whether you are a minority or not, but by appointment only. The phone number is 305-348-2436. Or you can go to the AAA Tutorial Office in GC 331A or call 305-348-4109.
3. FIU math majors tutor in **DM 409C**; no appointment is necessary. Their hours are MTWR 10am-8pm and F 10am-3pm (This is open only to students in Finite Math, College Algebra, Trigonometry, and Precalculus, and Business Calculus.)

4. FIU offers free help over the **Internet** at night and on weekends when live tutors are unavailable. Go to <http://www.fiu.edu/~gato/livetutor/> for hours and other details.

5. We are offering Friday **recitations** (extra help sessions) TBA. Students who cannot attend live can view archived versions of the recitations by going to <http://www.fiu.edu/~cinemath>

6.\*\*\***Complete solutions** are available online at [http://w3.fiu.edu/math/math\\_help/math\\_help.htm](http://w3.fiu.edu/math/math_help/math_help.htm)

Username: math Password: XXXXXX

7.\*\*\***Online movies** to explain topics are available at [http://w3.fiu.edu/math/math\\_help/business\\_cal\\_without\\_graph\\_calculator.htm](http://w3.fiu.edu/math/math_help/business_cal_without_graph_calculator.htm)

### Tentative Syllabus

Date	Section	Homework: Fill in assignments
June 27	1.1 1.2 1.3 1.4	
June 28	1.4 1.5 1.6	
July 2	2.1 2.2	
July 3	2.3 2.4	
July 5	2.5	
July 9	Review	
July 10	Test 1	
July 11	3.1	
July 12	3.2	
July 16	3.3	
July 17	3.4	
July 18	3.5	
July 19	4.1	
July 23	4.2	
July 24	4.3 4.4	
July 25	Review	
July 26	Test 2	
July 30	5.1	
July 31	5.2 5.3	
Aug 1	5.3 5.4	
Aug 2	5.5	
Aug 6	6.1 Integral tables 7.1	
Aug 7	7.2 7.3	
Aug 8	Review	
Aug 9	Final Exam	