

Math 67-206 Mathematics for Business Analysis II

Spring Semester 2009
Sections 003, 004 MTuWF

Instructor: C. Reigel

Office: Swart 233

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Office Hours: 1 -3pm M, Tu, W and by appointment.

Required Materials:

*Text:

Applied Calculus by Hughes-Hallet, Gleason, Lock, Flath et al., Wiley, Third Edition, 2006

Applications of Calculus with MS Excel , Kenneth L. Price, University of Wisconsin Oshkosh

*Calculator:

The TI-83+ (or TI-84+) graphics calculator by Texas Instruments. If you have some other TI graphing calculator you may use it- but I will use the TI-83+ in class (for this reason some students find it difficult to use a calculator other than the TI-83+). The TI-89 may not be used on quizzes and exams.

Homework:

Homework will be assigned during each class period. It may happen that, at the beginning of the following class session, you will be quizzed on one or more of these assigned exercises. **Be prepared!** Some homework will be turned in for grading (I will alert you ahead of time when this is going happen). Note also that many exam questions will come from assigned homework problems.

Exams:

There will be 3 one-hour (100 point) exams and a comprehensive (150 point) final exam. Make-up exams will be given only for university excused absences (please tell me in advance if you will be unable to take an exam at the scheduled time). **Your lowest exam score (of the first 3) will be dropped.** All exams will be taken in the testing center (testing administration, Polk 2).

Quizzes:

As mentioned above, numerous quizzes will be given. Quiz content is generally “easy” if you are current with class participation and homework. **There is no makeup for missed quizzes (and none are dropped)**. For university approved absences, you may be excused from a quiz.

Course Outline:

The following topics will be covered:

- Chapter 1 Functions and Change
- Chapter 2 Rate of Change: The Derivative
- Chapter 3 Short-Cuts to Differentiation
- Chapter 4 Sections 1-6, Using the Derivative
- Chapter 5 Accumulated Change: The Definite Integral
- Chapter 6 Sections 1-3, Using the Definite Integral
- Chapter 7 Antiderivatives
- Chapter 9 Functions of several Variables

Grading Scale: (percent scores based on your total of quiz and exam points scored)

- A 91-100
- AB 89-90
- B 81-88
- BC 79-80
- C 68-78
- D 55-67
- F 54 and below

Attendance:

I will not keep a record of attendance. However, as mentioned above, missing class on a quiz day (which may be unannounced) , creates a zero which cannot be made up. ***The surest way to succeed in this class is to work hard and attend each session. The surest way to fail this class is to miss class.***

EXAM SCHEDULE

Exam #1 Friday, February 27, 2009

Exam #2 Friday, April 3, 2009

Exam #3 Friday, May 1, 2009

Final Examination Wednesday, May 13, 2009