

# Mathematics for Business Analysis II (Math 206) Spring 2008

67-206-002 MTuWF 9:10-10:10 Swart 101

67-206-002 MTuWF 10:20-11:20 Swart 101

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Office Hours : MTuWF: 11:30-12:30, MW: 12:40-1:40 (Other times by appointment)

## Required

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

Calculator: TI-83 Plus Graphic Calculator.

(If you already have a TI-83, TI-85, or TI-86, you do not need to buy a TI-83 Plus.)

TI-89 and TI-92 will not be allowed on exams and quizzes.

## Course

### Coverage :

Chapter 1: Functions and Change

Chapter 2: Rate of Change: The Derivative

Chapter 3: Short-Cuts to Differentiation

Chapter 4: Using the Derivative

Chapter 5: Accumulated Change: The Definite Integral

Chapter 6: Using the Definite Integral

Chapter 7: Antiderivatives

Chapter 9: Functions of several Variables

### Exams:

There will be four exams (400 points).

The dates will be announced a week in advance.

### Homework :

Homework will be assigned each class. It is important that you keep up with the homework. Most of the problems on the quizzes are similar to the homework problems.

### Quizzes :

Several short quizzes will be given (100 points).

Quizzes cannot be taken early or made up at a later time.

### Attendance :

Regular attendance is required. Attendance and effort will be considered to decide the border line cases. Those having two or more unexcused absences will be penalized.

### Grading :

Exams : 80%, Quizzes : 20%

[90, 100] A, [87, 90) AB, [80, 87) B, [77, 80) BC,  
[68, 77) C, [58, 68) D, [0, 58) F

Remarks :

If you have any concerns or questions, please see me during my office hours (scheduled or arranged) right away.  
Success in using this book will depend on reading, questioning, and thinking hard about the ideas presented.  
Ask a lot of questions in class. You are encouraged to see me in my office.  
Students are subject to disciplinary action for academic misconduct, which is in UWS 14.03, Wisconsin Administrative Code.

Goals :

Master the main concepts and techniques of Business Calculus.  
Communicate problem solutions in a clear and logically-organized, form, including the proper use of notation.  
Provide convincing arguments to show that your solutions are correct.  
Use appropriate technology to assist in visualization.  
Improve your abilities to solve multi-step and applied problems.