

Spring 2014 - Math 211 - Business Calculus

Section E100
Dusable Hall 340
Tues, Thurs 3:30 - 4:45pm

Instructor: Brian Veitch
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Office Hours: M, T, W, F 10-12pm, Th 1-3pm (in Dusable 326)
Dept. Website: <http://www.math.niu.edu/courses/math211/>
Personal Website: <http://www.brianveitch.com/business-calculus/>

Business Calculus: 3 semester hours

Prerequisite: MATH 110 (with a C) or satisfactory performance on the Mathematics Placement Test

Course Objectives: Can be found at <http://www.math.niu.edu/courses/math211/>

Required Text: Calculus and its Applications, 10th edition, by Bittinger, Ellenbogen, and Surgent

Some Additional References:

- (1) My lecture slides: <http://www.brianveitch.com/business-calculus>
- (2) My Calculus I notes: <http://www.brianveitch.com/calculus>
- (3) Clifford A. Pickover, calculus and pizza, a cookbook for the hungry mind
- (4) Others are listed on the department's 229 webpage

Withdrawal: The **last day** to withdraw is **Friday, March 7, 2014**

Grading: Grades will be assigned on the basis of 600 points, as follows:

3 one hour exams	100 points each
Quizzes and HW	100 points
Final Exam	200 points

Grade cut-offs will be no higher than:

A:	90%
A-:	87-90%
B+:	84-87%
B:	80-84%
B-:	77-80 %
C+:	74-77%
C:	67-74 %
D:	55-67%
F:	Below 55%

Quiz Policy: We will have a quiz once a week unless otherwise announced. The quiz will cover the week's lecture material with a particular emphasis on the assigned homework problems. Each quiz will be worth 5 points. I will count your best 10 quizzes. **There are no make up quizzes.**

Homework Problems: The Suggested Homework Problems have been chosen to represent the various skills that students need to develop. Knowing how to solve problems like these should guarantee success in the course. For some students, working all the problems on the list will be sufficient to master the skills involved. Other students will need more repetition and variety to attain competence. These students should take advantage of the unassigned problems in each section and the supplementary exercises at the end of each chapter. Most students can expect to spend at least SIX HOURS PER WEEK completing the suggested homework problems. Students with a poor algebra background can expect to spend considerably more. Your instructor may assign a subset of the Suggested Homework Problems for grading, or a different set entirely. It is your responsibility to go to class and learn which problems are required for your homework grade.

Homework Policy: Each homework assignment is worth 5 points - for completion, quality, and correctness. You may submit homework early, but **no late homework will be accepted.** Homework assignments can be found at <http://www.math.niu.edu/courses/math211/current/newproblems.html>. I will count your best 10 HW scores.

Strive for neatness on your assignments. As such, conform to the homework guidelines.

- (1) Name, Z-ID, and section (ex. E2) on top right corner of every page.
- (2) Completed in pencil
- (3) Written neatly on loose-leaf paper. If it's from a spiral notebook, it must have a clean edge when turned in.
- (4) Stapled (or paper clipped)
- (5) Graphs should be at least 2 x 2 inches and appropriately tick-marked.
- (6) The above list is not exhaustive, so you should use your best judgement. If you are unclear, do not hesitate to ask me about my policies.
- (7) Assignments that do not follow the above guidelines will receive point deductions at my discretion or may not be accepted.

Calculators: You may use a graphing calculator with roughly the capabilities of the TI-83 on homework. You will find this useful for investigating the concepts of the class, so you can experiment with additional examples. Scientific calculators (no graphing capabilities) are allowed on the quizzes and exams.

DRC Statement: If you have specific physical, psychiatric, or learning disabilities and require accommodations, please let your instructor know early in the semester so that your learning needs may be appropriately met. You will need to provide documentation of your disability to the DRC (Disability Resource).

Academic Misconduct: Refer to course website <http://www.math.niu.edu/courses/math211/> and student judicial code.

Important Information: Just some other general rules and advice.

- (1) The grading scale guarantees a particular grade. Students whose point totals are close to a decision number will be considered on an individual basis using criteria such as, but not limited to, attendance, attitude, improvement, and participation.
- (2) Bring your calculator and textbook to class daily.
- (3) You are responsible for missed work - If you miss a class you are expected to read over the section covered on that day, and keep up with the homework.
- (4) Cell phones are not permitted in class. Please silence your cell phone before class begins and put it out of sight. Phones may not be used as calculators. Anyone texting during class will be asked to leave.
- (5) No food!
- (6) You are responsible for keeping track of your grade. I use blackboard to post scores. If you want to discuss your grade, please print your scores from blackboard before coming to see me. You have until the last day of class to clear up any grade concerns (incorrect scores, etc.)
- (7) This syllabus may be modified when conditions indicate a change. Lack of attendance can neither be used as an excuse for not being aware of syllabus changes nor be used as an excuse for not being aware of scheduled tests. It is not the instructor's responsibility to inform the student of missed material or information.
- (8) Make-up tests may be granted only if the instructor is contacted and permission is granted **BEFORE** the test is missed. Documentation is required.
- (9) You can find many more at
<http://www.math.niu.edu/courses/math211/current/conduct.pdf>