

Fall 2017 - Calculus II

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Dept. Website: <http://www.math.niu.edu/courses/math230/>
Personal Website: <http://www.brianveitch.com/calculus2/>
Office Hours: My office hours are in the Math Assistance Center (info below).
MAC website: <http://www.niu.edu/mac>

Calculus II: 4 semester hours (continuation of Math 229)

Prerequisite: Math 229 with a grade of C or better

Course Objectives: Can be found at <http://www.math.niu.edu/courses/math230/>

Required Text: Calculus (8th Edition) by James Stewart (published by Cengage)

Some Additional References:

- (1) My Calculus I notes: <http://www.brianveitch.com/calculus>
- (2) My Calculus II notes: <http://www.brianveitch.com/calculus2>
- (3) W.M. Priestley, Calculus: An Historical Approach
- (4) Clifford A. Pickover, calculus and pizza, a cookbook for the hungry mind
- (5) Others are listed on the department's 230 webpage

Grading: Grades will be assigned on the basis of 650 points, as follows:

Three 50 minute exams	100 points each
Quizzes/Homework	150 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 Policies: 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.

Homework: Each homework set is worth 2 points - for completion, quality, and correctness. The department lists a large homework set for each section here:

<http://brianveitch.com/calculus2/#homework>.

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

- (1) Name in the top right of every sheet.
- (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) Staple (or paper clip) the pages of each section. **Do not staple multiple sections.**
- (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 judgment. 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.

Math Assistance Center: The Math Assistance Center is in DU 326. There is tutoring for 211, 229 and 230. The primary focus is on 229 and 230. You can work in groups or one on one with a tutor. This is a great place to work with your fellow students.

[Cough] This is especially useful when you struggle with homework. I hold my office hours in the Math Assistance Center.

Calculators: Students are asked to have a graphing calculator with roughly the capabilities of the TI-83. You will find this useful for investigating the concepts of the class, so you can experiment with additional examples. You may also want to verify parts of your homework calculations. Graphing calculators are NOT allowed on the exams. Scientific calculators (no graphing capabilities) are allowed. No calculators (of any type) are allowed on the final exam.

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/math229/> 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) 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.)
- (6) 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.
- (7) Make-up tests may be granted only if the instructor is contacted and permission is granted **BEFORE** the test is missed. Documentation is required. **There are no make ups for quizzes.**