

Instructor: Patrick 'Guy' Adams

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Office hours: Tues, Thurs: 1:00-1:50 and by appointment

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Class meets: MTWRF 9:00-9:50 in KA 104

MATH 110. Calculus II (4) FS. Logarithmic and exponential functions, inverse trigonometric functions, techniques of integration, infinite sequences and series, conic sections, polar coordinates. *Prereq: MATH 109 or math code 65. (CAN MATH 20)*

Area B General Education Learner Outcomes:

Lower Division Math & Quantitative Reasoning GE Outcomes

- 1) Students will be able to demonstrate their understanding of basic concepts in math and quantitative reasoning.
- 2) Students will be able to apply mathematical concepts and quantitative reasoning in scientific contexts.

Required Text: Calculus, Single and Multivariable, Fourth Edition by Hughes-Hallett, et al.

Calculators: A graphing calculator is required. I will be using the TI-83 in class, however, you may want to get a recommendation from your major department. The Math department recommends the TI-89 for those who will be taking Math 110.

Dr Bile's calculator help: <http://www.humboldt.edu/~cmb2/technology/tisuite.html>

GRADES

Grades will be assigned based on the overall quality of work submitted in the form of homework, quizzes, and exams. Generally, a student with 90-100% will earn an A, 80-89% a B, 70-79% a C, 60-69% a D, and less than 60% an F.

Grade Breakdown:

Sum of tests and quizzes =	60%
Gateway quizzes =	10%
Sum of HW =	30%

Homework: An assignment from the text will be collected daily and each assignment will have a value of 5 points. Late assignments will receive a maximum of 3 points and sloppy or otherwise unsatisfactory papers will be returned un-graded.

Hints to maximize your homework scores:

- Write with pencil only and fully erase errors.
- Write your name, the course name, and the section number of the assignment in the upper right corner of the first page.
- Show all work neatly and completely.

- Work problems vertically, with spaces between problems.
- Staple all pages together in the upper left corner.

/ Staple in / upper left corner	Your Name Math 110 HW Section #
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The homework assignments are listed on Blackboard (if you lose your printed copy.) You may ask questions about the homework in class, but you need to get in the habit of seeking help outside of class.

The problem sets are graded on three areas: completeness, general correctness, and presentation. Each of the three areas needs to be covered to earn the 5 points. Note: homework is done in pencil and mistakes are erased.

	Completeness	Correctness (based on sample)	Presentation
5 points	All complete. Each part of every problem is included and addressed.	Perfect, or nearly so. Demonstrates excellent understanding of ideas in the assignment. Displays critical thinking.	Excellent! Clear, easy to read and to follow. Communicates clearly.
4 points	nearly all complete (over 80%)	Very well done, but unclear and/or some obvious errors. Demonstrates solid understanding.	Very good. Generally presented well.
3 points	more than half complete	Many errors or may be unclear, contain many vague items, appear unoriginal or offer relatively little that is new.	OK. Can follow, but not easy to read, or somewhat disorganized
2 points	less than half complete	Roughly half or so is incorrect. Demonstrates little understanding.	Confusing. Difficult to follow and understand what is being presented
1 point	more than nothing but significantly less than half	Less than half is correct. Does not demonstrate understanding of ideas in assignment. Shows minimal comprehension of assignment or minimal lack of effort.	Extremely difficult to follow or understand.
0 points	nothing done	None correct	Incomprehensible

Quizzes: Quizzes will be given on material covered in class and in the text. If you have a valid excuse for missing a quiz, you will have one week to schedule a make-up. After this week, no make-ups will be offered. No calculators will be allowed.

Gateway quizzes: Gateway quizzes differ from ‘regular’ quizzes in that no partial credit is awarded on exercises. Students will have at most three opportunities to maximize their gateway quiz score. The score on the last attempt will be recorded in my grade-book.

Exams: There are three major parts to this course. The first two parts will be tested with hour exams and will be valued at 100 points each. The third part will be tested within the comprehensive final exam, valued at 200 points. All exams will be closed book/notes and each will have a ‘no calculator’ portion. Bring paper, pencils, a ruler and your calculator to each exam. Makeup exams will be given only to those who notify me in advance with a valid excuse. These must be made up within one week of the scheduled exam date.

Final Exam: The final exam is a required part of the course and is scheduled for **Friday December 19 at 8:00-9:50**. It will be given only at the officially scheduled time--no exceptions--please don't even ask and make your winter break plans accordingly.

Attendance: I expect you to attend each class meeting and to be on time. If you miss a day, it is your responsibility to find out what you missed. Out of courtesy, I expect that you will remain seated until excused. If you must leave early, I would appreciate being notified before class.

Getting Help:

Office hours: You are encouraged to come to my office hours for assistance with homework or clarification of course material. If my office hours are not convenient for you, please make an appointment to see me at a mutually convenient time.

e-mail: I check my e-mail frequently. This is a good medium for contacting me.

Homework groups: I strongly encourage you to form groups to discuss and compare homework problems. Explaining/discussing a solution to a classmate is an excellent way to improve your own understanding.

Student Responsibilities:

- You should work independently, and seek help from classmates, tutors, or me when desired.
- All electronics (other than calculators) are to be turned off during class time (cell phones, ipods, etc) unless you have received my prior approval.
- The classroom will be a place of comfortable learning; any person who disrupts this atmosphere will be asked to leave.

This information is subject to change. Any changes will be announced in class and posted to this document.