Instructor: Noah Giansiracusa  
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Class website: [http://math.uga.edu/noah/M2250F14.html](http://math.uga.edu/noah/M2250F14.html)


Class Schedule:  
Tuesday, 9:30–10:45, Hardman 101  
Wednesday, 9:05–9:55, Geography and Geology 0300A  
Thursday, 9:30–10:45, Hardman 101

Office hours: Tuesday, 3:30–5:30, Boyd Graduate Studies 436

Grades: Two 45-minute in-class Midterms (Tuesday, Sep 23, and Tuesday, Nov 4), worth 20% each, one Final Exam (Thursday, Dec 11), worth 40%, and weekly Homework problems (due every Tuesday starting the second week), worth the remaining 20%.

Class Philosophy: Attendance is strongly encouraged but not technically required. Our goal is to learn the material covered in Chapters 2–5 of the textbook (topics surrounding Differentiation and Integration), thereby making you all Calculus whizzes! This is most easily and reliably accomplished through a combination of actively following lecture (interrupting with questions when needed!), carefully reading the textbook (paying particular attention to the examples, making sure you understand and can follow/reproduce all the steps), practicing by working through homework problems (whether they were the assigned ones or not), and utilizing resources when you get stuck (e.g., discussions with other students, attending office hours, looking for related material in the textbook, and Googling to find other people with similar obstacles and how they overcame them). Don’t forget that you can also look up any of the concepts we’re studying on Wikipedia or related sites. Calculus has been around for nearly roughly 300 years, and it has changed very little in this time; I guarantee that any trouble you have in understanding a concept or solving a problem, someone else in the past 300 years has had the exact same trouble and found a solution, so just hang in there and seek help in any of the myriad sources available when needed!

Class Mechanics: Class Calendar: Handed out with this syllabus is a print-out of the tentative calendar for our class, including which sections of the book are covered in lecture and when the exams and practice exams will be. Since there may be updates throughout the semester, please follow the course website [http://math.uga.edu/noah/M2250F14.html](http://math.uga.edu/noah/M2250F14.html) for an up-to-date version of the calendar.

Homework: The course website lists homework problems for each of the textbook sections we will be covering. Written (or typed) solutions to the homework are turned in at the beginning of class each Tuesday. The problems that are due each week are the ones from the sections we have completed, according to the class calendar, the previous week (for instance, if Week Three covers 3.1, 3.2, 3.3 and Week Four begins with 3.3, then the problems due at the beginning of Week Four are all those listed on the webpage for sections 3.1 and 3.2—problems from 3.3 will be due the following week). All assigned problems are odd-numbered and therefore the solutions are in the back of the textbook! This should be viewed as a study aid: try each problem without looking, then check your answer after reaching your own solution to see if it is correct, and if not, find the error in your calculation and correct it. This kind of practice is indispensable to learning the material.
and preparing for the exams. To encourage you in this way, the homework will be graded primarily for completeness: a “2” will be given if nearly all problems are attempted and with the steps/explanation/justification of your solution written down; a “1” will be given if the majority of the problems are attempted and substantial work is written for them, and a “0” means either an absent assignment or insufficient effort (note: copying all the correct answers from the book to all the problems may still result in a “0”, since it is your work and thought process that I am looking for here). As mentioned above, these homework grades contribute 20% of your total grade.

Practice Exams: We will have two practice exams this semester (currently scheduled for Tuesday, Sep 2, and Tuesday, Oct 4), as well as a practice final (Thursday, Dec 4). These exams will be given in-class, taken during the first 45 minutes of class (and the entire 75 minutes in the case of the practice final), to simulate the actual exams. No notes, books, or calculators will be allowed. After 45 minutes has concluded, we will spend the remaining time in class discussing the exams and presenting solutions to the problems. These exams do not count toward your grade, they only serve as reviews and practice for the actual midterms.

Midterms and Final: The midterms are in-class, in the usual meeting room, and will take place during the first 45 minutes of class. No notes, books, or calculators are allowed. At the conclusion of the 45 minutes, all exams will be handed in, then we will proceed to discuss the exam problems in the remaining class time. The final exam is scheduled for 3hrs; it will be discussed in greater length later in the semester. Absolutely no rescheduling of any exams is permitted—see below.

Make-up Exams No make-up exams will be given in the course. If you are absent from a scheduled exam, and your absence is excused (generally, this requires a medical or legal explanation, with supporting documentation), the portion of the course grade determined by the missing exam will be divided equally between the other exams (including the final exam). Students with an excused absence from both in-class exams and the final will be withdrawn or given a grade of “I”.

Prerequisites Students are expected to have a solid foundation in high school algebra and trigonometry, equivalent to that offered in the Math 1113 precalculus course.

Additional Help Free tutoring is available through the university via the Disability Resource Center:
http://www.drc.uga.edu/about/welcomeletter.php
The math department also maintains a list of tutors who (for a fee) are available for help:
http://math.uga.edu/math/undergraduate/student services.html

Academic Honesty Collaboration on the homework problems, in preparation for lecture, and with reading the text book is allowed and even encouraged. However, all in-class exams must be done on your own and without the aid of other students or electronic devices (calculators, phones, laptops, tablets etc.).

As a University of Georgia student, you have agreed to abide by the University’s academic honesty policy, “A Culture of Honesty,” and the Student Honor Code. All academic work must meet the standards described in “A Culture of Honesty” found at: https://ovpi.uga.edu/academic-honesty/academic-honesty-policy. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

Special Accomodations If you have a documented disability or learning disability and need accommodations please contact the Disability Resource Center: http://www.drc.uga.edu/about/welcomeletter.php

Disclaimer The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.