Textbook

Stewart, Single Variable Calculus Early Transcendentals, 7/e

Course Goal

The goal of this course is to introduce more advanced concepts and techniques for integration and introduce series and sequences. We will take a problem-solving approach to learning with an eye toward applications. The sections from the text which will be covered are:

§7.1, 7.2, 7.4, 7.7, 7.8, 8.1, 8.2, 9.1 - 9.5, 10.3 - 10.4, 11.1 - 11.11

Grading Scheme

- Exams (15% each, 45% total)
  - Exam 1 (Feb 11)
  - Exam 2 (March 6)
  - Exam 3 (April 8)
- Cumulative Final Exam: 8 - 10:30 am on Tuesday May 5 in W304 (35%)
- Weekly Quizzes (20% total)

Exams

- The exams dates listed above are tentative and are subject to change. Students will be notified at least a week prior to any changes made. During an exam, no one will be permitted to leave the classroom once exams have started.
- The in-class exams during the term are “required midterm examinations” so are subject to the rule described there. If you know that you will have to miss an exam in advance, due to illness or a university-sanctioned off-campus commitment, you must contact the course instructor before the exam. Excuses such as travel, non-Emory exams, etc., are not valid reasons for missing exams. Unexcused absences will be treated as 0’s. For more information, please see the section Incompletes and Absences at:

  http://college.emory.edu/home/academic/policy/incomplete_absence.html
Homework and Quizzes

For each section, homework problems will be assigned. However, they will not be turned in or graded. Instead, each Wednesday (except during breaks or exam weeks) a quiz will be given. They will take place during the last 10 - 15 minutes of class and will consist of 2-3 problems, most coming from the previous week’s homework (Wednesday - Monday). The website and course calendar will list the sections to be covered on each quiz. Throughout the duration of the course, there will be 9 - 10 such quizzes and the lowest 2 quiz grades will be dropped. This will account for unforeseen absences for whatever reason, and as such makeup quizzes will NEVER be given.

Calculator Policy

The quizzes and tests in this course are designed specifically so that no calculator is necessary. Therefore no calculators of any kind will be permitted on quizzes or exams. In all cases, your work must be fully explained in order to receive full credit. Remember, I am not looking for correct answers, I am looking for correct thinking!

Laptops, Tablets, Phones, etc.

All cellphones, PDAs, laptops, and any other devices with internet, phone or messaging capabilities must be turned off and put away at the beginning of each class.

Communication

- The main website for the course will be mathcs.emory.edu/~strebat/Spring2015. Please check it regularly!
- There is a course calendar, which is visible on the website and which you can subscribe to.
- All grades for the course will be recorded in blackboard. If you find I have made a mistake recording your grade, please let me know.
- If you have any questions, the best way to reach me is by email.
- I will always be in my office during my office hours. This is not the case during my appointment hours - I might leave to grab lunch or go home early. Therefore, you need to let me know that you will be coming beforehand by sending me an email. I am not available on Tuesdays or Thursdays.

Help Sessions

Free tutoring is offered to Math 112 students. Help sessions are T, W & Th from 5:30pm - 7:30pm in MSC W304. Please consider using this valuable resource.
Honor Code

The Emory College Honor Code applies to all work in this class, including homework, the project, midterms and the final examination. See

http://college.emory.edu/home/academic/policy/honor_code.html

Students with Disabilities

The Department of Mathematics and Computer Science at Emory supports equal access for students with disabilities. Any students needing special accommodations due to a disability should speak with someone in the Office of Disability Services and arrangements will be made. If you have a disability and would like to request accommodations, please see me to discuss arrangements.

Disclaimer

This syllabus is a general plan for the course; deviations may be necessary.