

Instructor:

Rick Taylor (Roderic Taylor)

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Classes: Classes will be held in person, 4:00 pm – 6:15 pm, on Mondays and Wednesdays in our assigned classroom on the De Anza campus.

Text: Calculus: Early Transcendental, 9th edition, by James Stewart, published by Thomson Brooks/Cole, 2016.

Calculator:

A scientific calculator with trigonometric and exponential functions or a graphing calculator (such as a TI 83 or TI 84) is recommended for this class for use during exams. Calculators that can do symbolic integration are not allowed when taking exams or quizzes.

Quizzes and Attendance:

Quizzes will be given at least once a week after the first week and attendance will be taken. They will be weighted 0-10 points towards your final grade insofar as you complete them; so they can only increase your course grade, not decrease it.

Midterm Exams:

There will be three midterm exams for this course. They will be given in person in your usual classroom, and I will proctor them. There will be no make-up midterms. Your lowest midterm will be automatically replaced with your final exam score or dropped, whichever is to your advantage, and can be applied to missed midterm exams. Each midterm exam is weighted 10 points.

Final Exam:

The final exam will be given Wednesday, December 13, 4:00 pm – 6:00 pm in our usual classroom. It will be given in person in your usual classroom (on campus), and I will proctor it. Taking the final exam is required for passing the course. If due to unforeseen circumstances such as illness or family emergency you are unable to take the final, let me know as soon as possible; you'll need to take an incomplete and make it up. If at the end of the quarter you decide you do not wish to pass the class so that you may be able to retake the course, then do not attend the final. The final exam is cumulative and is weighted 10 points.

Grade:

The final grade is determined by the weighted average of quizzes, midterms, and finals as described above.

- A 92% - 100%
- A- 90% - 91%
- B+ 86% - 89%
- B 83% - 85%
- B- 80% - 82%
- C+ 70% - 79%
- C 60% - 69%
- D 40% - 59%
- F 0% - 39%

An F will also be given in the case one gets a 0 on the final exam.

Policy on dropping:

I am required to drop students who do not attend any of the first week of classes. After that, if you decide you no longer wish to take this class it is your responsibility to go online and formally drop the class by the appropriate deadline. If you fail to do so, I will be unable to drop you at a later date.

Policy on Academic Integrity:

If a student is found to have cheated on an exam, they will receive a 0 for that exam. They will not be able to drop that score from their average as they normally might when computing the final grade,

Academic Help:

Mathematics is a challenging subject which takes time and effort to master. Of course, students differ in their backgrounds, but in general you should expect to do a minimum of 10 hours of work per week reading the book, doing homework, and thinking about the material. This is in addition to the time you spend in class. If you find you are having difficulty with the material, it is important to address the situation immediately, as it's easy to fall behind. The tutorial center is available in person Tuesdays and Wednesdays and online Monday to Friday for brief questions, as well as one on one sessions with a designated tutor. In addition, I encourage all students to come to my office hours. Often, I'm able to help students talking with them individually in a way that's not possible in a large lecture class.

Student Learning Outcome(s):

- Apply analytic, graphical and numerical methods to study multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
- Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
- Synthesize the key concepts of differential, integral and multivariate calculus.

Office Hours:

M,W	12:00 PM	01:00 PM	Zoom,In-Person	S12A
T	12:00 PM	01:20 PM	Zoom,In-Person	S12A