

Instructor: Rick Taylor (Roderic Taylor)

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Classes: Classes will be held in person in room S16, 11:30 am – 12:20 pm, Mondays, Tuesdays, and Thursday. On Wednesdays and Fridays, we will have synchronized Zoom classes held at the same time.

WebAssign: WebAssign is optional for this class. Assignments will be given both as problems from the textbook and problems on WebAssign, so students may do whichever they prefer. Neither will be graded.

Text: Calculus: Early Transcendental, 9th edition, by James Stewart, published by Thomson Brooks/Cole, 2016. An electronic version of this text is included with WebAssign.

Calculator: A scientific calculator with trigonometric and exponential functions or a graphing calculator is recommended for this class. While they can be used for study and homework, calculators such as the TI-95 that do symbolic calculation are not allowed for exams. Some exams may not allow a calculator at all.

Canvas Assignments:

Homework will be assigned. Most homework will not be graded. However, there will be special short written assignments that will be handed in using Canvas. Together, these will count towards 16.7% of your grade.

Midterm Exams:

There will be three midterm exams for this course. Midterms will be held during regular class time in room S16. Each midterm exam will count 16.7% towards your grade.

Final Exam:

Taking the final exam is required to pass the course. The final exam will be held in room S16 on Monday, March 21, 11:30 am – 1:30 pm. The final will count 33.3% towards your grade. I will give notice of these midterms at least one week in advance.

Either your canvas assignments score, your lowest midterm score, or half of your final exam score will automatically be dropped at the end of the quarter; whichever improves your grade the most. For example, if you miss a midterm exam due to illness or similar reasons, that midterm will automatically be dropped. If your final exam score is lower than your lowest midterm score and lower than your canvas assignments score, it will count 16.7% towards your grade instead of 33.3%. If your

canvas assignments score is lower than all three of your midterm scores and lower than your final exam score, it will be dropped.

Pandemic Issues:

You need to submit proof of vaccination or file for an exemption, or you will be dropped from the course. You will need to use Optimum HQ whenever you come to campus and wear a mask. Detailed instructions for this are given at <https://www.deanza.edu/return-to-campus/students.html>

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.

Honors:

If you are taking the honors version of this class, you will be expected to do extra work, either proposing and carrying out an independent project, or viewing supplemental lecture material and doing extra problems I assign. Failure to do this work will result in lowering the grade for the course by one level (for example from A to A-, or A- to B+).

Policy on dropping:

I am required to drop students who do not attend any of the first two weeks 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 online 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 listed above. 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):

*Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.

*Evaluate the behavior of graphs in the context of limits, continuity and differentiability.

*Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.