

**Math 1A, section 6**  
**CRN 36747**

**Calculus 1**

**Winter 2020**

**Instructor:** Rick Taylor (Roderic Taylor)

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**Office Hour:** In S43 12:00 PM – 12:50 PM, Mon, Tue, Wed, Fri

**Text:** Calculus: Early Transcendental, 8th edition, by James Stewart, published by Thomson Brooks/Cole, 2016. I do not use Webassign for this course. However, if you have a code and wish to use it on your own, a generic code has been set up: **deanza 7367 1392**.

**Calculator:** A scientific calculator with trigonometric and exponential functions that is **not** a graphing calculator is required for this class. While they can be used for study and homework, graphing calculators will not be allowed on exams.

**Grading method:**

Your final grade for the course will be a weighted average of the scores from your midterms (10 points each), a final exam (10 points), and quizzes and in class activities (10 points). Your final exam score can be used to substitute for up to two lower midterm scores. This includes midterms that you miss for any reason (except academic dishonesty). In turn, final and midterm exams can replace any quiz or class activity scores on the material leading up to them that are lower or missing. Finally, you can get up to 2 percentage points extra credit from “participation points, described below, and 0.5 percentage points from coming to an office hour. All scores are computed as percentages, and your final letter grade will be computed as follows:

- A 93% - 100%
- A- 90% - 92%
- B+ 87% - 89%
- B 83% - 86%
- B- 80% - 82%
- C+ 76% - 79%
- C 70% - 75%
- D 60% - 69%
- F 0% - 49%

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

**Extra Credit for Punctuality:**

Students who miss or come late to class 5 or fewer times during the quarter will receive 2% extra credit. More than that and the extra credit gradually scales down to 0 for 10 or more days absent/late.

**Extra Credit for Office Hour Visit:**

Another opportunity for a small amount of extra credit is to come to my office hour sometime in the first six weeks of class to introduce yourself and tell me a little about yourself. Students who do so will receive 0.5% extra credit.

**Final Exam:**

The final exam for this class will be given on Tuesday, March 24, 9:15 AM to 11:15 AM, the date and time officially specified by the college for our class. By registering for this class, you are saying that you are able to take the final exam at this date and time. Taking the final exam is required to pass the class. If due to unforeseen circumstances such as illness or family emergency you are unable to take the final exam at the scheduled time and date, please contact me as soon as possible. In such circumstances, you will need to take an incomplete for the class and arrange a time to make it up.

**Midterm Exams:**

There will be four midterm exams for this course, currently scheduled for January 22, February 5, February 19, and March 11 (all on a Wednesday). Your final exam can replace up to two lower midterm scores. This includes midterms missed due to illness or personal emergency or obligation. I do not generally give make up midterms.

**Homework and Quizzes:** Homework will be assigned but not collected. Instead, quizzes and in class activities will be conducted. Quizzes will cover material assigned on the homework. Quizzes will usually be given on Fridays.

**Policy on dropping:**

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 change your grade or drop you at a later date. The only exception to this rule is that a student who fails to come to class or to contact the instructor during the first week of the class will automatically be dropped from the class.

**Policy on Academic Integrity:**

If a student is found to have cheated on an exam, they will receive a 0 for that exam. If it is a midterm, they will not be able to substitute the final exam grade for that midterm.

**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 in S-43 offers both drop in tutoring for brief questions, as well as one on one sessions with a designated tutor up to two hours a week. 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.