Math 1A, section 3 Calculus I Spring 2019
CRN 44463

Instructor: Rick Taylor (Roderic Taylor)
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Office Hour: In S12A 12:00 PM – 12:50 PM, Mon-Thur

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 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 is recommended but not required for this course. Some of the exams will involve graphing functions. Graphing calculators will not be allowed for these 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 (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, midterm exams can replace any quiz scores on the material leading up to them that are lower or missing. Finally, you can get up to 3 percentage points extra credit from "participation points, described below. 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.

Participation Points:

During the quarter, I will award "participation points" for various activities. You will receive a participation point each day you come to class. You will receive another participation point for coming to class by the time I have finished calling the role. There is no penalty for missing up to 5 classes. Participation points may also be given for in class activities. At the end of the quarter, participation points will be converted to extra credit and increase your grade by as much as 3 percentage points.

Final Exam:
The final exam for this class will be given on Wednesday, June 26, 7:00 AM to 9:00 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. Dates will be announced at least a week and a half in advance, but they are tentatively scheduled for Thursday on the third, fifth, seventh, and tenth week of classes.

Homework and Quizzes: Homework will be assigned but not collected. Instead, quizzes will be given. Quizzes will cover material assigned on the homework. Quizzes are not generally announced in advance. However, I will not give a quiz on material until you've had time to do the homework on it and to ask questions about it in class.

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.