

Math 1B, section 1
CRN 31440

Calculus 2

Winter 2019

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 you have a code and wish to use it on your own, a generic code has been set up: **deanza 7367 1392**.

Calculator: A graphing calculator (TI-84, TI-83, TI-82, TI-85, or TI-86) is recommended for this class. Calculators which can do symbolic computation (such as the TI-89 or HP-49) are not allowed during quizzes and tests. Graphing calculators can be borrowed from the library.

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 roll. 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 the date and time officially specified by the college for our class. 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, 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. Our first midterm exam will be given Thursday, January 24. The dates for subsequent midterms will be given at least one week in advance. Make-up midterms will not be given, but your final exam score can be used to substitute for up to two midterm scores.

Homework: Homework will be assigned and collected at the end of each week. Late homework will not be accepted. Homework assignments that would lower your overall average will be dropped.

Grading policy:

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 collected homework (12 points). Your final exam score can be used to substitute for up to two lower midterm scores. 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.

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 20 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 the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.

*Formulate and use the Fundamental Theorem of Calculus.

*Apply the definite integral in solving problems in analytical geometry and the sciences.