Math 1C, section 3 Calculus III Summer 2018
CRN 12056

Instructor: Rick Taylor (Roderic Taylor)
E-mail: taylorroderic@fhda.edu
Office Hour: In F31L 8:30 AM – 9:30 AM, 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 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.

Attendance (extra credit):
Beginning the second week of classes, attendance will be taken at the beginning of class. You must arrive on time before I begin lecturing to get credit for this, and stay for the whole class. If by the end of the quarter, you have been absent or late to class on 5 or fewer days, you'll receive a one percentage point bonus to your final score.

Office Hour Visit (extra credit):
If you come to my office to introduce yourself some time within the first five weeks of class, you will receive a half percentage bonus to your final score.

Final Exam:
The final exam for this class will be given on Thursday, August 9 during our normal class time (as scheduled by the college). 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 two midterm exams for this course, tentatively scheduled for Thursday, July 19, and Thursday, August 2. Make-up midterms will not be given, but your final exam score can be used to substitute for your lowest midterm score.

Homework and Quizzes: Homework will be assigned but not collected. Instead quizzes will be given to give you feedback on how you are keeping up with the material.

Grading policy:
Your final grade for the course will be a weighted average of the scores from two midterms (25% each), a final exam (30%), and quizzes (20%). Your final exam score may be used to substitute for your lowest midterm score. Midterm scores can be used to substitute for quiz scores on the same material. This will be done automatically. 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):

*Graphically, analytically, numerically and verbally analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.
*Apply infinite sequences and series in approximating functions.
*Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.