Math 1C, section 06Y   **Calculus 3**   **Spring 2023**

Instructor: Rick Taylor (Roderic Taylor)
E-mail: taylorroderic@fhda.edu

Classes: Classes will be held in person, 10:30 am – 11:20 am, on Mondays, Tuesdays, Wednesdays, and Thursdays, in our assigned classroom. On Fridays, I will make a pre-recorded lecture available which you can watch anytime.

Text: Calculus: Early Transcendental, 9th edition, by James Stewart, published by Thomson Brooks/Cole, 2016.

Calculator: A scientific calculator with trigonometric and exponential functions or a graphing calculator is recommended for this class for use during exams.

Quizzes:

Quizzes and similar activities will be given at least once a week after the first week. Most of these will be given in class. Some may be given over Canvas. Quizzes will only be counted insofar as they are successful; they can improve your overall grade for the course, but not lower it. They will be weighted 0-10 points to your final grade.

Midterm Exams:
There will be three midterm exams for this course. There will be no make-up midterms. Instead, your final exam will replace your lowest midterm exam (as long as that is to your advantage). Each midterm exam is weighted 10 points.

Final Exam:
The final exam will be given Thursday, June 29, 9:15 am – 11:15 am in our usual classroom. Taking the final is required for passing the course. If due to unforeseen circumstances such as illness or family emergency you are unable to take the final, let me know as soon as possible; you'll need to take an incomplete and make it up. If at the end of the quarter you decide you do not wish to pass the class so that you may be able to retake the course, then do not attend the final. The final exam is cumulative and is weighted 10 points.

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.

Policy on dropping:
I am required to drop students who do not attend any of the first week 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 in person Tuesdays and Wednesdays and online Monday to Friday 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. 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.

Office Hours: I will hold office hours both in person and on Zoom, Monday-Thursday, 12:30 pm – 1:20 pm.

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.

Office Hours:

M,T,W,TH	12:30 PM	01:20 PM	Zoom,In-Person	S12A