MATH 1A – 64Z Calculus

Online (Canvas) CRN: 13024

Instructor: Nahrin Rashid

Email: Canvas Inbox or rashidnahrin@fhda.edu

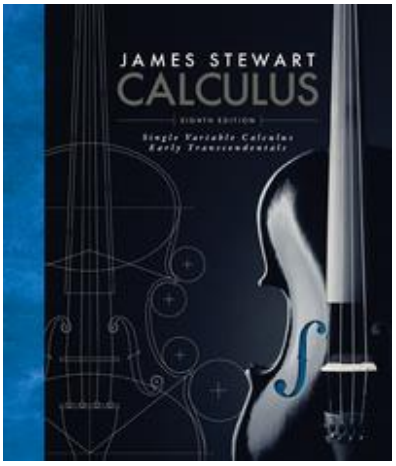
- **Support:** It can be frustrating when you need help, so please know that I am here to help you manage challenges and any frustration you may experience with the course. Please maintain close contact with me and I will do my best to support you.

- **When to reach out:** If you have a question, the quickest and easiest way to contact me is via the Canvas inbox or email me rashidnahrin@fhda.edu. I'll respond to you within 48 hours.
  - ❖ From our course, click on "Inbox" in the left global navigation menu to access your Canvas conversations.
  - ❖ Or simply click on the "Help" icon. A dialogue box with a series of help options will open. Contacting your instructor is the top choice.

- **Prerequisite:** Appropriate score on Calculus Placement Test within the past calendar year; or Mathematics 43 with a grade of C or better.

- **Course Description:** Fundamentals of differential calculus.

- **Textbook**: *Calculus Early Transcendentals;* 8th edition, by James Stewart, bundle with Webassign access code.



- **Tutoring Services:** Do not wait to get extra help. Contact me or tutoring to get help!
  1. Student Success Center Tutoring Services: https://www.deanza.edu/studentsuccess/
     a. You will need to enroll in the non-credit Canvas Course listed on the site to receive tutoring. It's completely free.
     b. Upon logging into Canvas, select the SSC Resource Course
     c. Select "Modules" which will lead you to the SSC Zoom! links by subject area.
     d. Click on one of the SSC Areas and select the appropriate Zoom link.
     e. Join the virtual room, meet a tutor and start learning!
  2. Smartthinking Tutoring: https://www.deanza.edu/studentsuccess/onlinetutoring/
     a. Online Tutoring with Smarthinking is now available for free for De Anza students inside MyPortal

- **Calculator:** A basic scientific calculator is required for this class such as Texas Instruments TI30XIIS Scientific Calculator. Cell phone calculators are not allowed during quizzes or exams. TI-83 Plus/TI-84 Plus calculator recommended but not allowed on Exams.

- **Software:** All homework/quizzes will be done online using WebAssign which is an internet-based software. You will need to register at www.webassign.net to use this internet-based software. You will need the class key given by me in order to self-register.

- **Online Lectures:** Plan to log in to Canvas several times each week. I will post pre-recorded lecture videos for each section on Canvas under Modules. I'll post four to five videos per week. You'll need to watch the lecture videos and take notes. If you have any questions, you can email me.

- **Student Conduct:** You are expected to be honest and ethical at all times in the pursuit of academic goals. When completing your work on an assignment or in taking a test, be sure to do your own work. Copying or using another person's work is plagiarism or cheating, so please be sure to submit your own work. Anyone caught cheating on an exam will receive an automatic 0 and be reported to the Dean of the PSME Division.

- **Homework:** Plan to log in to WebAssign daily. Homework will be assigned a few times a week and will have a due date. All homework must be submitted by 11:59 PM on the due date. You must set up an account by Friday, July 3, 2020 or you will be dropped from the class**.** If you have a homework problem you are not able to complete, you can send me your questions on WebAssign by clicking on "Ask my Instructor". At the end of the quarter your lowest homework score will be dropped. Homework will count for 15% of your term grade. Please do not procrastinate!

- **Quizzes:** There will be a quiz every week. Each quiz will be assigned on WebAssign or Canvas intermittently throughout the term to test your skills on the concepts we are covering in class and online. **NO** make-up quiz will be given. To compensate for this, I will drop your lowest quiz score. These quizzes will count for 15% of your grade.

- **Midterms**: There will be three exams during the quarter on WebAssign. These exams will be completed on WebAssign. If you are unable to take an exam for any reason, **a makeup exam will not be given**. These exams will count for 45% of your term grade.

- **Final Examination:** If you do not take the final exam, you **WILL NOT** receive a passing grade. There will be a comprehensive final examination on **Thursday, August 6.** This test will count for 25% of your term grade.

Grade Breakdown

A+: 97 - 100%	**B+: 87 - 88%**	**C+: 77 - 78%**	**D: 62 - 66%**
A: 92 - 96%	**B: 82 - 86%**	**C: 69 - 76%**	**D-: 60 - 61%**
A-: 89 - 91%	**B-: 79 - 81%**	**D+: 67 - 68%**	**F: < 60%**

Tentative Schedule for Math 1A, Summer 2020

Week	Monday	Tuesday	Wednesday	Thursday
1	June 29 Section 2.1	June 30 Section 2.2	July 1 Section 2.3	July 2 Section 2.5
2	July 6 Section 2.6	July 7 Section 2.7	July 8 Section 2.8 & 3.1	July 9 **Exam 1** **(Chapter 2)**
3	July 13 Section 3.2 & 3.3	July 14 Section 3.4	July 15 Section 3.5	July 16 Section 3.6
4	July 20 Section 3.9	July 21 Section 3.10	July 22 Section 4.1	July 23 **Exam 2** **(Chapter 3)**
5	July 27 Section 4.2 & 4.3	July 28 Section 4.4	July 29 Section 4.5	July 30 Section 4.7
6	August 3 **Exam 3** **(Chapter 4.1 – 4.7)**	August 4 Section 4.8	August 5 Section 4.9	August 6 **Final Exam** **(Chapter 2, 3, 4)**

This syllabus is subject to change at the instructor's discretion.

Important Dates

- The last day to add classes is Thursday, July 2.
- The last day for drops with full refund is Wednesday, July 1
- The last day for drops without "W" is Monday, July 6.
- The last day to drop with a "W" is Friday, August 7.

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.