Mathematics Department
Physical Sciences, Mathematics, & Engineering Division
Math 1A: Calculus I
Syllabus
Fall 2021

Instructor: Ms. Jennifer gutierrez   **Office Hours**: Mon. & Wed. 4:00-5:00pm & Fri. 9:00-10:10am

Email: gutierrezjennifer@fhda.edu   **Office**: Zoom Video Call

Required Materials

1. Calculus Early Transcendentals (with WebAssign), 9th ed, by James Stewart, Daniel K. Clegg, & Saleem Watson
2. https://www.desmos.com/calculator
3. Scanner such as the CamScanner app, Genius Scan app, a printer, or any other scanning application/ device.
4. A webcam such as a stand-alone device, laptop, or phone is strongly recommended.

Course Description

We will focus on the fundamentals of differential calculus.

Class Structure

This class will be meeting synchronously over Zoom during the scheduled days & times – Tuesdays & Thursdays from 6:30pm to 8:45pm. Class attendance & participation are mandatory.

Student Mentality

Students are encouraged to come into this course with a new mindset. This means that students are asked to leave behind any prejudice or previous bad experience with math & begin this course with a positive attitude. (Yes, it's a big ask but it's important!) Furthermore, successful students will ask questions, seek help, & be proactive with their education.

Instructor Commitment

My goal in this class is to create a welcoming environment for all students. I will assist students with the content as well as encourage students to ask questions & seek help when needed.

Communication

I will communicate via email &/or thru Canvas, ***so it is essential to check your email frequently & be aware of any communication posted or sent in Canvas.*** When emailing me, please write in the email's subject line both the (1) course name & (2) the email's subject. For example, *Math 1A, Calculus, Homework Question*. You can expect a response from me within 24 hours when emailing during the week.

To be current with the communication in Canvas, you can update Canvas notification settings following these steps: log into ***Canvas*** → go to ***Account*** → go to ***Notifications*** & adjust your ***Notification Preferences*** so that you have selected "***Notify me right away***" for Announcement, Submission Comment, Discussion Post & Conversation Message. The other notification settings are up to you.

Course Evaluation			
(1) Homework	15%	(4) Discussion Boards	5%
(2) Checkpoints	10%	(5) 3 Midterm Exams	45%
(3) In-class Participation	5%	(6) 1 Final Exam	20%

Homework

Every section will have a homework assignment in WebAssign. All homework assigned in any given week will be due the following Sunday at 11:59pm. You should aim to do much of the homework the day the section is covered.

Checkpoints

The checkpoint assignments are intended to (1) assess your understanding of the previous week's material, (2) ensure you are writing correct mathematics, (3) for you to learn from your mistakes, & (4) to prepare you for the exams.

A single checkpoint assignment will consist of two parts:
(Part 1: Questions) Submit your work from the checkpoint questions – 6 points.
(Part 2: Review) Submit your reflection & revisions from Part 1 using the rubric provided – 4 points.

Tuesdays	Submit all your work from Part 1. Due by 11:59pm.
Thursdays	Reflect from any mistakes made & revise your work using the rubric. Due by 11:59pm.

In-class Participation

The learning experience is enriched when we (1) ask questions, & (2) work with others. Expect to participate in our Zoom class meetings by typing in the chat, speaking, answering polls, or working with others.

On occasion you will have the opportunity to do groupwork with your classmates via Zoom breakout rooms. You are expected to have either your webcam or microphone on.

Discussions

Weekly discussion boards serve multiple purposes: (1) to interact with your fellow peers throughout the term, (2) to help each other on the homework assignments, (3) to create a support system with one another, & (4) to discuss ideas from the class material. Discussion boards close at 11:59pm on Mondays. Late discussion responses are **not** accepted.

Exams

The 3 midterm exams will be assigned on the weeks shown in the class schedule. The final exam will be administered at the end of the term. You are asked to have your camera on to ensure sufficient proctoring of academic integrity. If you do not take the final exam, you will **not** receive a passing grade.

Grading System

A $94\% \le x$
A- $90\% \le x < 94\%$
B+ $87\% \le x < 90\%$
B $83\% \le x < 87\%$
B- $80\% \le x < 83\%$
C+ $77\% \le x < 80\%$
C $70\% \le x < 77\%$
D $60\% \le x < 70\%$
F $x < 60\%$

Student Success Center

Need help with this course? Want more personal connections this quarter? Student Success Center tutors & workshops are ready for you! Watch the SSC Welcome Video to learn more.

(1) Tutoring: To join a Zoom tutoring room during open hours, go to http://deanza.edu/studentsuccess.
(2) Workshops: Attend a Skills Workshop, a content-specific math/science workshop, an Accounting chapter review workshop, or a Listening and Speaking workshop.
(3) Resources: Join the SSC Resources Canvas site to see content & learning skills links.
(4) After-hours or weekend tutoring: See the Online Tutoring page for information about NetTutor (via Canvas).

Academic Integrity

In the 2020 – 2021 academic year, I reported three incidents to the Dean & the College Disciplinary Officer of De Anza Community College. Academic dishonesty will not be tolerated. Students are not to copy, cheat, forge, nor obtain an unfair advantage with any assignment in this course. Appropriate actions will be pursued in suspicion of academic violations. For more information, read https://www.deanza.edu/policies/academic_integrity.html.

Disability Accommodations

"Students who have been found to be eligible for accommodations by Disability Support Services (DSS), please follow up to ensure that your accommodations have been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to the DSS office in the Registration & Student Services Building (RSS) – Room 141 for information on eligibility and how to receive support services. You can also go online to https://www.deanza.edu/dsps/ (Links to an external site.) for additional information."

Recording Policy

"To ensure compliance with the Family Education Rights and Privacy Act (FERPA), student recording of class lectures or other activities is generally prohibited without the explicit written permission of the instructor and notification of other students enrolled in the class section. Exceptions are made for approved accommodations under the Americans with Disabilities Act."

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.