De Anza College
Math 1A – Calculus (CRN# 27483)

Instructor: Alex Cheng **Email:** chengalex@fhda.edu

Office Hours: Tuesday & Thursday 3 PM - 4 PM in MLC 111 and Tuesday 8:45 PM-9:15 PM

Class meets in person every **Tuesday** & **Thursday** from **6:30PM-8:45 PM** in **MLC 270**

Course Description: Fundamentals of differential calculus.

Student Learning Outcome(s)
1. Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
2. Evaluate the behavior of graphs in the context of limits, continuity, and differentiability.
3. Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

Textbook & Required Materials:

- CALCULUS: EARLY TRANSCENDENTALS, 9th edition by James Stewart. An eText or .pdf textbook is ok to use, get access to eTextbook instantly for less than $50.

https://www.cengage.com/c/calculus-early-transcendentals-9e-stewart/9781337613927PF/

- Internet Access. Webassign Homework Platform. TI-83 or TI-84 graphing calculator (or can use Desmos online graphing calculator website).

Attendance: This is an in-person course, attendance will be taken in every in-person meeting. Students are expected to attend all class meetings, arrive on time, take note, and stay for the entire class. Students who missed 3 meetings will be dropped from the course.

Smartphone Use: All smartphones must be on silent mode and put away during lecture. We do not learn how to text or search the Web in this class, so there is no reason to have smartphones out during class unless the instructor allows so.

Grade Breakdown: A:100-90% B:89.99-80% C:79.99-70% D:69.99-60% F:<59.99%

Classwork/Homework	100 Points
Quizzes (6)	120 Points
Exams (3)	300 Points
Final	100 Points
Total	620 Points

Homework: Homework will be online through WebAssign. There will be a total of 10 online homework assignments, with each assignment worth 5 points. All homework must be submitted by 11:59pm on the due date. Late homework is **not accepted**.

Quizzes: Quizzes will focus on the materials covered during that week. **NO MAKE-UP** will be allowed.

Exams: There will be 3 exams which will all be taken in person. **NO MAKE-UP** will be allowed. The Final Exam is cumulative, covering all material in this course. The Final Exam is mandatory.

Extra Credit Assignment: There are no extra credit assignments in this course to improve your grade. Please do not ask for any.

Tutoring Services: The De Anza campus has a free tutorial center for math students where students can get "drop in" help or make appointments with a tutor. Also, there are specific MPS tutors available for free. Check Canvas for links to access these tutors through Zoom meetings. Additionally, I am very glad to help you in office hours. Please use your resources.

Academic Integrity: All students are expected to exercise high levels of academic integrity throughout the quarter. You are encouraged to work together but you are expected to write up your answers independently. Any instances of cheating or plagiarism will result in disciplinary action, including getting a '0' on the assignment and report to the PSME dean, which may lead to dismissal from the class or the college

Student Honesty Policy: "Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action which may include recommendation for dismissal."

Disabled Services: 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 http://www.deanza.edu/dss.

Recipe for Success:

1. If you ever have any questions, Email me! You are welcome to send email to me whenever you need help!
2. Visit the Online Tutoring Center.
3. Form a study group.

4. Attend all lectures, participate in every discussion, and complete every homework assignment.
5. Read the sections to be discussed in class prior to the lecture

Fall 2024 Tentative Schedule

Week	Tuesday	Thursday
1	2.1, 2.2	2.2, 2.3
2	2.5, Quiz#1	2.7
3	Test#1	2.8, 3.1
4	3.1, 3.2	3.3, 3.4, Quiz#2
5	3.4, 3.5	Test#2
6	3.6, 3.9	3.10, 4.1, Quiz#4
7	4.2	4.3
8	4.4, Quiz#5	Catch-Up - Review
9	Test#3	4.7
10	4.7, 4.8	Thanksgiving Break
11	4.9, Quiz#6	Final Exam Review
12	Final Exam Review	Final Exam 6:30 - 8:45 PM

Important Dates and Deadlines: http://www.deanza.edu/calendar/dates-and-deadlines.html

De Anza Final exams schedule: https://www.deanza.edu/calendar/final-exams.html

***This syllabus is subject to change at the instructor's discretion. Changes will be announced in class and on Canvas.**

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Office Hours:

Email,In-Person		T	8:45 PM	9:15 PM
In-Person,Email	MLC111	T,TH	3:00 PM	4:00 PM