College: De Anza College, PSME Division, Mathematics Department

Course Description: CALCULUS I

Instructor: Phuong Phan **Contact:** phanphuongq@fhda.edu or Canvas Inbox (Preferred)

Office Hours: By appointment via Zoom

Prerequisite(s): MATH 32, MATH 32H, MATH 43 OR MATH 43H (with a grade of C or better), or appropriate score on Calculus Placement Test within the past calendar year

Course: [Spring 2026] Math D001A.05Y **CRN:** 49579 **Course Details:** Asynchronous **and** In-person on **Saturday** from 9:00 to 11:50 AM in **Room G5**

Course: [Spring 2026] Math D001A.09Y **CRN:** 49580 **Course Details:** Asynchronous **and** In-person on **Saturday** from 12:00 to 2:50 PM in **Room G5**

Required Material:

- **Textbook:** Stewart's Calculus: Early Transcendentals 9th edition (**ISBN-13**: 978-1337613927) (or older version)
- **Calculator:** A Ti-83 or Ti-84 graphing calculator is required for this class.
- **Canvas:** Class announcement will be posted (course available from 04/06/26 to 06/27/26)
- **Edfinity:** Online Homework (Check the Canvas for the registration link)

Online Homework (10%) [Cost around $40]: Homework will be assigned for every section and will be due on the assigned date at **11:59pm** on **Edfinity.** Please check regularly so you don't miss the due date. **No late assignments** nor **extensions** will be given. So please complete all the assignments on time.

Participation/Pop-Up Quizzes (10%)**:** Attendance and unannounced pop-up quizzes will be taken place on Saturday. No make-up will be given.

Quiz (10%)**:** Ten quizzes will be posted on Canvas during the quarter. No make-up quizzes will be given. You have unlimited time to work on the quizzes with only one attempt/submission. You must submit the written version of the quizzes on Canvas to earn full credit.

Exams (40%): Two exams will be held during the quarter. No make-up exams will be given. If you are unable to take the exam at the scheduled time under any circumstances, then your percentage from the final exam will be used to compute your score for the missed exam. If a second exam is missed, you will get a zero. No notes, cheat sheets, calculators, phones, or other electronic devices will be allowed during the exams.

Final Exam (20%)**:** A two-hour comprehensive final exam will be held on **Saturday, June 20, 2026,** during the class meeting time. This is a must exam. A grade of "F" will be assigned to those who miss the final exam. No notes, cheat sheets, calculators, phones, or other electronic devices will be allowed during the exams.

Make-up: No make-up will be given. If you are unable to take the exam at the scheduled time under any circumstance, then your percentage from the final exam will be used to compute your score for the missed exam. If a second exam is missed, you will get a zero.

Scaling/Curving: The scores you make in tests and the final mathematically decide your grade. No scaling/curving will be done.

Attendance: You are expected to attend all class sessions. If you choose to drop the course, you must do so yourself. The instructor will not automatically drop students who stop attending.

Cheating: Cheating is strictly prohibited. During exams, students may not talk, assist others, copy, or view another students' work. Violations will result in an "F" on the exam and may lead to an "F" for the course.

Drop Policy: It is the student's responsibility to drop the class after he/she attends the first session.

Grading Information: The grade is created with the following weights

Type	Weight (%)
Participation/Pop-up Quizzes	10%
Quizzes via Canvas	10%
Homework via Edfinity	20%
Exams (in-person)	40%
Final Exam (in-person)	20%

Grading Breakdown: Your letter grade will be determined from your percentage grade according to the following table

Letter Grade	Range
A+	100% to 97%
A	< 97% to 90%
A-	< 90% to 87%
B+	< 87% to 85%
B	< 85% to 80%
B-	< 80% to 77%
C+	< 77% to 73%
C	< 73% to 65%
D+	< 65% to 63%
D	< 63% to 60%
D-	< 60% to 55%
F	< 55% to 0%

Important Date and Deadlines: https://www.deanza.edu/calendar/dates-and-deadlines.html

De Anza Final Exams schedule: https://www.deanza.edu/calendar/dates-and-deadlines.html

Section	Course Content
Chapter 1	Functions and Models
2.1	The Tangent Line and Velocity
2.2	The Limit of a Function
2.3	Calculating Limits Using the Limit Laws
2.4	The Precise Definition of a Limit
2.5	Continuity
2.6	Limits at Infinity: Horizontal Asymptotes
2.7	The Derivatives and Rates of Change
2.8	The Derivative as a Function
3.1	Derivatives of Polynomials and Exponential Functions

3.2	The Product and Quotient Rules
3.3	Derivatives of Trigonometric Functions
3.4	The Chain Rule
3.5	Implicit Differentiation
3.6	Derivatives of Logarithmic and Inverse Trigonometric Functions
3.7	Rates of Change in the Natural and Social Sciences
3.9	Related Rates
3.10	Linear Approximations and Differentials
3.11	Hyperbolic Functions
4.1	Maximum and Minimum Values
4.2	The Mean Value Theorem
4.3	What Derivatives Tell Us about the Shape of a Graph
4.4	Indeterminate Form and L'Hôpital's Rule
4.5	Summary of Curve Sketching
4.7	Optimization Problems
4.9	Antiderivatives

Tentative Schedule

I highly recommend reviewing the assigned sections during the week before our Saturday class meetings. Because we meet only once a week, Saturday sessions will move at a fast pace.

WEEK	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY (Class Meeting)
1	**04/06 (1st day)**	**04/07**	**04/08**	**04/09**	**04/10**	**04/11** 2.1 to 2.4
2	**04/13**	**04/14**	**04/15** **Quiz #1**	**04/16**	**04/17**	**04/18** 2.5 to 2.8
3	**04/20**	**04/21**	**04/22** **Quiz #2**	**04/23**	**04/24**	**04/25** 3.1 to 3.4
4	**04/27**	**04/28**	**04/29** **Quiz #3**	**04/30**	**05/01**	**05/02** **Review**
5	**05/04** **Quiz #4**	**05/05**	**05/06** **Quiz #5**	**05/07**	**05/08**	**05/09** **Exam 1**
6	**05/11**	**05/12**	**05/13**	**05/14**	**05/15**	**05/16** 3.5 to 3.7, 3.9
7	**05/18**	**05/19**	**05/20** **Quiz #6**	**05/21**	**05/22**	**05/23** 3.10, 3.11, 4.1, 4.2, and 4.3
8	**05/25** Memorial Day – No Classes	**05/26**	**05/27** **Quiz #7**	**05/28**	**05/29**	**05/30** 4.4 and 4.5 **Review**
9	**06/01** **Quiz #8**	**06/02**	**06/03** **Quiz #9**	**06/04**	**06/05**	**06/06** **Exam 2** covers sections 3.5 to 3.11, and 4.1 to 4.5
10	**06/08**	**06/09**	**06/10**	**06/11**	**06/12**	**06/13** 4.7 and 4.9 **Review**
11	**06/15**	**06/16**	**06/17** **Quiz #10**	**06/18**	**06/19** Juneteenth Holiday – No Classes	**06/20** **Final Exam**
12	**06/22**	**06/23**	**06/24**	**06/25**	**06/26**	**06/27**

Edfinity Due Date (No Extension will be given)

Section	Due at midnight
2.1 to 2.8 3.1 to 3.4	**Thursday 05/07 at 11:59 pm**
3.5 to 3.11 4.1 to 4.5	**Thursday 06/04 at 11:59 pm**
4.7 and 4.9	**Thursday 06/18 at 11:59 pm**

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.

Office Hours:

Zoom,Canvas	M,T,W,TH	3:00 PM - 4:00 PM