

**College:** De Anza College, PSME Division, Mathematics Department

**Course Description:** CALCULUS I

**Instructor:** Phuong Phan

**Contact:** [phanphuongq@fhda.edu](mailto: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:** [Fall 2026] Math D001A.49

**CRN:** 29080

**Course Details:** In-person on **Tuesday and Thursday** from 4:00 PM to 6:15 PM AM in **Room MLC 260**

### Required Material:

- **Textbook:** Stewart's Calculus: Early Transcendentals 9<sup>th</sup> 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 09/21/26 to 12/15/26)
- **Edfinity:** Online Homework (Check the Canvas for the registration link)

**Online Homework (20%)** [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.

**Quiz/Pop-Quizzes (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. The unannounced pop-quizzes will be taken place during class. You must submit the written version before leaving the class.

**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 (30%):** A two-hour comprehensive final exam will be held on **Thursday, December 10, 2026, from 4:00 PM to 6:00 PM**. 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 (%) |
|------------------------|------------|
| Quizzes via Canvas     | 10%        |
| Homework via Edfinity  | 20%        |
| Exams (in-person)      | 40%        |
| Final Exam (in-person) | 30%        |

**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>

## Tentative Schedule

| Week | Week Of | Sections                                                                                                                                                                                                 | Edfinity (11:59 PM)                                                             | Quizzes/Reviews                                              |
|------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------|
| 1    | Sep 21  | <b>Mon 09/21 – First day of Instruction</b><br>Chapter 1 – Functions and Models<br>2.1 – The Tangent Line and Velocity<br>2.2 – The Limit of a Function<br>2.3 – Calculating Limits Using the Limit Laws |                                                                                 | <b>Quiz 1</b> due Sat 09/26 at midnight on Canvas            |
| 2    | Sep 28  | 2.4 – The Precise Definition of a Limit<br>2.5 – Continuity<br>2.6 – Limits at Infinity: Horizontal Asymptotes                                                                                           |                                                                                 | <b>Quiz 2</b> due Sat 10/03 at midnight on Canvas            |
| 3    | Oct 05  | 2.7 – The Derivatives and Rates of Change<br>2.8 – The Derivative as a Function<br>3.1 – Derivatives of Polynomials and Exponential Functions                                                            |                                                                                 | <b>Quiz 3</b> due Sat 10/10 at midnight on Canvas            |
| 4    | Oct 12  | 3.2 – The Product and Quotient Rules<br>3.3 – Derivatives of Trigonometric Functions<br>3.4 – The Chain Rule                                                                                             |                                                                                 | <b>Quiz 4</b> due Sat 10/17 at midnight on Canvas            |
| 5    | Oct 19  | 3.5 – Implicit Differentiation<br><b>Exam 1 Review (covering 2.1 to 2.8, 3.1, and 3.2)</b><br><b>In-person Exam 1: Thursday 10/22/2026</b>                                                               | <b>Sections 2.1 to 2.8, 3.1 to 3.4</b> due Monday 10/19 at midnight on Edfinity | <b>Exam 1 Review</b> due Tue 10/20 at midnight on Canvas     |
| 6    | Oct 26  | 3.6 – Derivatives of Logarithmic and Inverse Trigonometric Functions<br>3.7 – Rates of Change in the Natural and Social Sciences<br>3.9 – Related Rates                                                  |                                                                                 | <b>Quiz 5</b> due Sat 10/31 at midnight on Canvas            |
| 7    | Nov 02  | 3.10 – Linear Approximations and Differentials<br>3.11 – Hyperbolic Functions<br>4.1 – Maximum and Minimum Values                                                                                        |                                                                                 | <b>Quiz 6</b> due Sat 11/07 at midnight on Canvas            |
| 8    | Nov 09  | <b>Wed 11/11 – Veteran’s Day (No Classes)</b><br>4.2 – The Mean Value Theorem<br><b>Exam 2 Review (covering 3.3 to 3.7, 3.9 to 3.11)</b><br><b>In-person Exam 2: Thursday 11/12/2026</b>                 | <b>Section 3.5 to 3.11, and 4.1</b> due Monday 11/09 at midnight on Edfinity    | <b>Exam 2 Review</b> due Tue 11/10 at midnight on Canvas     |
| 9    | Nov 16  | 4.3 – What Derivatives Tell Us about the Shape of a Graph<br>4.4 – Indeterminate Form and L’Hôpital’s Rule<br>4.5 – Summary of Curve Sketching                                                           |                                                                                 | <b>Quiz 7</b> due Sat 11/21 at midnight on Canvas            |
| 10   | Nov 23  | <b>Thur 11/26 to Fri 11/27 – Thanksgiving (No Classes)</b><br>4.7 – Optimization Problems<br>4.9 – Antiderivatives                                                                                       |                                                                                 | <b>Quiz 8</b> due Wed 11/25 at midnight on Canvas            |
| 11   | Nov 30  | Final Exam Review                                                                                                                                                                                        | <b>Sections 4.1 to 4.7, and 4.9</b> due Monday 11/30 at midnight on Edfinity    | <b>Quiz 9</b> due Sat 12/05 at midnight on Canvas            |
| 12   | Dec 07  | <b>Cumulative Final Exam (covering chapters 2, 3, and 4) Thursday, December 10, 2026</b><br><b>From 4:00 PM to 6:00 PM</b>                                                                               |                                                                                 | <b>Final Exam Review</b> due Tue 12/08 at midnight on Canvas |

**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 T,TH 9:00 AM - 10:30 AM