

# MATH 1B: Calculus

## General Information

- **Course Number:** Math 1B
- **Institution:** De Anza College
- **Terms and Dates:** Fall 2023, Sep 25 - Dec 15
- **Lectures:** MTWTh 10:30 - 11:20 AM, F 8:30 - 9:20 AM (Zoom)
- **Location:** MLC105
- **Instructor:** Maryam Adamzadeh, [adamzadm@fhda.edu](mailto:adamzadm@fhda.edu)
  - **Meeting ID:** TBA
  - **Office Hour:**

MTWTh 10:15 -10:30 AM In-Person MLC105

- **Reference:** Calculus: Early Transcendental, 8th edition, by James Stewart.
- **Prerequisite:** Math1A(with a grade of C or better), or equivalent.
- **Web:** All course materials will be on Canvas.

## About the Course

### Grading Rubric:

- Homework: 25%
- Exams: 55%
- Final Exams: 20%

Grading will follow the De Anza College standard breakdown on a total percentage scale. [97, 100] for  $A^+$ , [90, 96.99] for A, [87, 89.99] for  $B^+$ , [83, 86.99] for B, [80, 82.99] for  $B^-$ , [77, 79.99] for  $C^+$ , [70, 76.99] for C, [60, 69.99] for D, [0, 59.99] for F. All grades in Canvas automatically follow this scheme.

### Homework:

Homework will be assigned and due on a regular basis on the course Canvas. Students are welcome to collaborate on homework, but really do understand the homework material by making your hands dirty and write up the final version

of solutions on your own. A due date is shown on each homework assignment on Canvas. If you need an extension due to well-documented emergencies, let the instructor know ahead of the deadline. **Lined paper is required.**

**Exams:**

Make-up exam will be offered for students who have well-documented emergencies approved by the instructor and reported within the first two weeks of class.

**Instruction to submit homework and exams on Canvas**

You have to send only one pdf file which contains your homework or exam. Please don't send several pdf files on Canvas. I would not grade more than one file per homework or exam.

**Attendance:**

Attendance in class is mandatory. Any absences or tardiness will result in lost points. It is important for students to attend the class on time and participate in all the activities in class for the learning process.

**Important Dates:**

It is the responsibility of the student to confirm the dates below.

Oct 7: Last day to add classes.

Oct 8: Last day to drop without a W.

Nov 17: Last day to drop with a W.

**Note:**

Exams dates may/will change. Changes will be announced in class. It is the student's responsibility to check and confirm the final exam date and time.

**Student Learning Outcome(s):**

\*Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.

\*Formulate and use the Fundamental Theorem of Calculus.

\*Apply the definite integral in solving problems in analytical geometry and the sciences.

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