

Math 1B Course Syllabus
De Anza College
Fall 2026

Instructor: Usha Ganeshalingam

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Office Hours: Tuesdays and Thursdays 5-7pm via Zoom.

Course Description: Fundamentals of integral calculus.

Prerequisites: Math 1A or equivalent with a grade of C or better.

Text: *Calculus-Early Transcendentals*; 9th edition, by James Stewart.

Calculator: A TI-83 or TI-84 (or TI-83+,TI-84+/CE)graphing calculator is required for this class. You MUST bring your own calculator on days that we have quizzes or exams. A TI-89 or any similar symbolic calculator will not be allowed on exams.

WebAssign Access Code: Homework will be done online using WebAssign. WebAssign can only be accessed through Canvas and will not be available until the first day of instruction. Everyone will have a 14 day grace period to use WebAssign. By the end of the grace period you will need to have purchased an access code, which is available if you buy the textbook in new condition from the De Anza bookstore OR can be purchased separately through WebAssign. You will get access to an ebook through WebAssign, so it is not necessary to purchase a physical textbook. If you used WebAssign with Math 1a at De Anza in a past quarter then you may not need to make this purchase.

Grading:

Exams	300 Points
Homework	45 Points
Quizzes	80 Points
Final	150 Points
Total	575 Points

Grade Breakdown:

A+: 97-100%	B+:87-88%	C+: 77-78%	D: 62-66%
A: 92-96%	B: 82-86%	C: 69-76%	D-: 60-61%
A-: 89-91%	B-: 79-81%	D+: 67-68%	F: < 60%

Exams: There will be 3 in class exams. Each exam is worth 100 points. No make-ups will be allowed. In the case of a documented emergency, I will replace a missing exam score with the final exam percent. You may use one 4 x 6 index card of handwritten notes (one side) on exams.

Homework: Homework assignments will be submitted via WebAssign. See the course calendar for tentative due dates. All homework must be submitted by 11:59 pm on the due date. There will be a total of 9 homework assignments, with each assignment worth 5 points.

Quizzes: There will be 5 in-class quizzes, each worth 20 points. The lowest quiz score will be dropped. No make-ups will be allowed. See the course calendar for tentative quiz dates.

Final Exam: The final exam will be comprehensive and will be given on *Monday, December 7th* from 11:30am-1:30 pm. The final exam must be taken at the scheduled time. You may use one 4 x 6 index card of handwritten notes (double sided).

Student Conduct: Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students during any exam or quiz. You may not share calculators during exams or quizzes. All electronic devices other than a calculator must be put away during quizzes and exams. Cell phone calculators cannot be used on a quiz or an exam under any circumstances. Cell phones must be put away during the entire time that an exam or quiz is being taken. An exam or quiz grade of a zero may be given for any of the above infractions. Any student found cheating will be reported to the college, division dean and will not be allowed to retake an exam or quiz and cannot use the final exam to replace their zero.

Important Dates:

- The last day to add classes is Sunday, October 4th.
- The last day to drop classes with no record of a grade is Sunday, October 4th.
- The last day to drop with a "W" is Friday, November 13th.

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.

Office Hours:

Zoom T,TH 5:00 PM - 7:00 PM