Math 1A Course Syllabus
De Anza College
Spring 2025

Instructor: Usha Ganeshalingam

Email: ganeshalingamusha@fhda.edu

Office Hours: Tuesdays and Thursdays 5-7pm. Please use the link in Canvas to schedule an appointment during these hours.

Course Description: Fundamentals of differential calculus.

Required Materials:

- **Textbook:** *Calculus-Early Transcendentals*; 9^{th} edition, by James Stewart. An electronic version of the text is available for purchase through WebAssign.

- **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.

  Course Notes: The course notes packet is available to purchase through the De Anza bookstore. The course packet functions as a workbook and will be used for note taking. There is a pdf of the course notes posted in Canvas, if you prefer an electronic copy.

  Calculator: A TI-83 or TI-84 (or TI-83+,TI-84+)graphing calculator is also required for this class. You can use another type of graphing calculator, but you may have trouble following along with lecture. The graphing calculator you use should have a TABLE feature.

- **Internet Access and Technology:** You will need to have reliable internet access and a device that allows you to complete homework online. You will need to have internet access and the ability to connect to live office hours through the app Zoom.

Please be aware that the assignment schedule, course calendar and points breakdown are tentative and may be changed in the event that we do not have enough time to cover the planned material this quarter.

Grading:

Exams	300 Points
Homework	50 Points
Quizzes	100 Points
Final	150 Points
Total	**600 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 exams that will be given in class. 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 corresponding portion of your final grade. See the course calendar for tentative exam dates.

Homework: There will be a total of 10 online homework assignments, with each assignment worth 5 points. See the course calendar for tentative due dates. All homework must be submitted by 11:59pm on the due date. Late homework is not accepted.

Quizzes: There will be 6 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 in class. It will be given on Monday June 23^{rd} from 11:30am-1:30pm.

Important Dates:

- The last day to add classes is Sunday, April 20^{th}.
- The last day to drop classes with no record of a grade is Sunday, April 20^{th}.
- The last day to drop with a "W" is Friday, May 30^{th}.

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