De Anza College
Math 1A – Calculus: Fundamentals of Differential Calculus

Instructor: Danny Tran Email: trandanny@fhda.edu

Course Description: This course covers the fundamentals of differential calculus.

Book: *Calculus: Volume 1* by Gilbert Strang and Edwin Herman, et al.
https://openstax.org/details/books/calculus-volume-1/

Grading:		
	Homework (25)	250 points
	Exams (4)	500 points
	Final Exam	200 points
	Friday Questions	50 points
	Total	**1000 points**

WebAssign: This is the online program we will be using to complete homework assignments. You can purchase access either through WebAssign.net or by buying an access code at the De Anza Student Bookstore. Please follow the below directions:
1 – Go to our Canvas course.
2 – Click on Assignments
3 – Click on any of the WebAssign / Cengage assignments
4 – Register for an account

Late Assignment Policy: If you are unable to complete an assignment on time, you may request a 1-week extension from the original due date through WebAssign. Please make the request any time after the original due date. You will earn 50% of the points earned after the original due date.

Exams: Exams are tentatively scheduled in the daily schedule on the next page. If an exam date is changed, I will notify you all in class and on Canvas as soon as I can. If you miss 1 exam, your final exam % will replace your missed exam. If you take all your exams, and your final exam % is greater than your worst exam %, your final exam % will replace your worst exam %.

Expectations:
Math 1A is an incredibly challenging course; be sure you put yourself in the best situation to succeed by having terrific study habits. Below is a list of tasks I recommend that you do in order to best succeed in this course & prepare yourself for calculus:

- ✓ Watch all videos and read the textbook
- ✓ Complete all homework
- ✓ Review your notes each day, making sure you have understood the material
- ✓ Attend office hours (Zoom)
- ✓ Form study groups to complete homework, study for exams
- ✓ Read the textbook
  - Read explanations
  - Work through the completed examples
  - Complete extra practice problems

What You Can Expect of Me:
I plan to interest and engage with each of you on a regular basis throughout the term to support your learning.

- ✓ I will provide direct instruction related to the course's learning objectives.
- ✓ I will typically respond to your questions within 24 hours (Monday – Friday)
- ✓ I will typically grade and provide feedback on your submitted coursework within 1 week.
- ✓ I will post announcements each weekend and engage in the course discussion area regarding academic course content when appropriate.

I am here for you. If you have questions, concerns, or feedback, we can talk via Zoom, email, or in class.

Grades:

A	[92%, 100%]	B+	[88%, 90%)	C+	[78%, 80%)	D	[60%, 70%)
A-	[90%, 92%)	B	[82%, 88%)	C	[70%, 78%)	F	[0%, 60%)
		B-	[80%, 82%)				

Tentative Daily Schedule:

Monday	Tuesday	Wednesday	Thursday	Friday – TBA Hour
Apr 7 Syllabus, 2.1	Apr 8 2.1	Apr 9 2.2	Apr 10 2.2	Apr 11 2.3
Apr 14 2.3	Apr 15 2.4	Apr 16 2.4	Apr 17 3.1	Apr 18 3.1
Apr 21 3.2	Apr 22 3.2	Apr 23 3.3	Apr 24 Exam #1	Apr 25 3.3
Apr 28 3.4	Apr 29 3.4	Apr 30 3.5	May 1 3.5	May 2 3.6
May 5 3.6	May 6 3.7	May 7 3.7	May 8 Exam #2	May 9 3.8
May 12 3.9	May 13 3.9	May 14 7.1	May 15 7.1	May 16 7.2
May 19 7.2	May 20 4.1	May 21 4.1	May 22 4.2	May 23 4.2
May 26 No Class – Memorial Day	May 27 4.3	May 28 4.3	May 29 Exam #3	May 30 4.4
Jun 2 4.4	Jun 3 4.5	Jun 4 4.5	Jun 5 4.6	Jun 6 4.6
Jun 9 4.7	Jun 10 4.7	Jun 11 4.8	Jun 12 Exam #4	Jun 13 4.8
Jun 16 4.9	Jun 17 4.10	Jun 18 Final Review	Jun 19 No Class - Juneteenth	Jun 20 Final Review
			Jun 26 Final (915-1115AM)	

Need help with this course? Want to more personal connections this quarter? Student Success Center tutors and workshops are ready for you! Watch the SSC Welcome Video to learn more.
Tutoring: Go to http://deanza.edu/studentsuccess and click to join a Zoom tutoring room during open hours.

Workshops: Attend a Skills Workshop, a content-specific math/science workshop, an Accounting chapter review workshop, or a Listening and Speaking workshop.

Resources: Join the SSC Resources Canvas site to see content and learning skills links.
After-hours or weekend tutoring: See the Online Tutoring page for information about NetTutor (via Canvas) or Smarthinking (via MyPortal).
We know that students who participate in tutoring, group study, or workshops for three or more hours succeed at much higher rates than those who do not. The students who most need the help may reluctant, but they do participate if instructors encourage and incentivize them to use the resources in some way. Perhaps students can improve their grade on an assignment, quiz or exam if they show they did something extra to prepare, such as tutoring, workshop or study group.

We're here to help! Get in touch to schedule a class visit, or
arrange to bring your class to visit us in Zoom to see how it works.

Questions, comments, or suggestions? Contact Co-Directors Melissa Aguilar aguilarmelissa@fhda.edu or Diana Alves de Lima alvesdelimadiana@fhda.edu the appropriate SSC contact.

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:

TH	12:00 PM - 1:50 PM	Zoom
M,T,W,TH	8:00 AM - 8:30 AM	MLC109