Math 1A Calculus Winter 2024

Instructor: Jyothsna Viswanadha Email: viswanadhayogeswari@fhda.edu
Class Timings and Location: Monday and Wednesday 4:00 – 6:15 pm in E33
Office Hours: Monday and Wednesday from 6:30-7:15 pm in S76C

Textbook and Calculator: Calculus Volume 1 by Edwin Herman and Gilbert Strang. This is an open-source textbook for which you don't have to buy. It's free. This can be downloaded at https://openstax.org/details/books/calculus-volume-1

Reading textbook and practicing problems from the textbook sections is an integral part of learning. After each section is completed, you must read that section and practice problems from the section exercises. It is student's responsibility to practice and ask questions in class. If you have a graphing calculator, you may use it in this class. If you do not have a graphing calculator, you can instead use a scientific calculator.

Attendance: This is completely in-person class. Attendance on the first day of class is MANDOTORY. If you don't come on the first day, then you will be dropped from the class. Students are expected to attend all classes. Success in class depends on consistency of attending classes, finishing HW, taking quizzes and tests.

Homework: You will be assigned online homework for every section we finish in class. This homework will be done through canvas. Pay close attention to due dates and do not wait until the last minute to start assignments. Extensions for the homework can be given if needed. Email me as soon as you can if you need an extension. Extensions can't be given on homework assignments that are two weeks old.

Quizzes: There will be 3 quizzes. No make-up is given. Please don't ask or email about make up quiz. Lowest quiz score will be replaced by the average of two highest quiz scores. Note that if your lowest quiz score is the result of cheating or cell phone misuse, that score will not be replaced.

Tests: There will be 2 tests. No make-up is given. Please don't ask or email about make up tests. One missed test scores or lowest test score will be replaced by the final score if the final score is higher than the test scores. Tests will be given on scheduled dates. Note that if your lowest test score is the result of cheating or cell phone misuse, that score will not be replaced by the final exam score, but the next lowest will be replaced.

Final Exam: A cumulative final exam will be given during the final's week. Final exam time and date are set by the college and can't be changed. If you need to take the final ahead of time under any circumstances, then you need permission from the dean. More information will be given about the final later in the quarter. Final exam is inperson.

March 27th Wednesday from 4:00 PM to 6:00 PM in E33

In class work, Worksheets and Extra Credit: All in class guided notes and worksheets are uploaded on to Canvas every week. Extra Credit will be assigned during the lecture from in class worksheets. This is due before the next class start time. There will be no makeups for extra credit. A maximum of 10 points can be earned throughout the quarter. It's the student's responsibility to keep track of the extra credits assigned in class. It's the student's responsibility to print the worksheets and use them in class as needed.

Grading Scale:

Grade	Percentage	Grade	Percentage
A+	At least 98%	B -	80% – 81%
A	92% – 97%	C+	78% – 79%
A -	90% – 91%	C	70% – 77%
B+	88% – 89%	D	60% – 69%
B	82% – 87%	F /FW	Less than 60%

Tips for success in this class:

- Attend class every day and work on the problems that are assigned.
- Attend office hours regularly to get help and ask questions.
- Read the textbook and practice section exercises.
- Work on the assigned homework and classwork.
- Make use of Discussion Boards to communicate and get help from peers.
- Work with your peers and share contact information.
- Frequently go to the tutoring center and office hours to get help as needed.

Student Resources:

- MSTRC (Math, Science and Technology center) is available for free tutoring services. Here's the link for more information: http://deanza.edu/studentsuccess/servicesupdate.html.

- Here is the link to student resources for the student who needed access to laptop. https://www.deanza.edu/resources/index.html

Academic Integrity: Learning involves the pursuit of truth, which cannot be pursued by presenting someone else's work as your own. Each student must pursue their academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Any suspected instance of academic dishonesty on any assignment will be reported to the college and may result in a 0 on the assignment and/or a failing grade in the class.
For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to https://www.deanza.edu/policies/academic_integrity.html.

Accommodations for Students with Learning Differences:

If you have questions about these services or your eligibility for support services or eligibility, contact one of the following resources:

- Disability Support Service (DSS): Student Services Building (408) 864-8753, TTY (408) 864-8748
- Educational Diagnostic Center (EDC): Learning Center West 110 (408) 864-8839
- Special Education Division: (408) 864-8407; www.deanza.edu/specialed

Important Dates:

- Last day to add – 01/20/2024
- Last day to drop W/out "W" – 01/21/2024
- Last day to drop with "W" – 03/01/2024

Disclaimer:

Any of information in this syllabus is subject to change if the instructor finds it necessary. Changes will be announced during a class session and those who are absent will be held responsible for any announced changes to the syllabus.

Thanks for reading this in detail. If you have any questions at all regarding our class, please ask. I'm really looking forward to working together.

	Monday	Wednesday	Week
January	8 Review, Sec 2.1	10 Sec 2.2,2.3	1
	15 MLK day Holiday	17 Sec 2.4,2.5 Quiz # 1	2
	22 Sec 3.1	24 Sec 3.2	3
February	29 Sec 3.3,3.4	31 Review and Test # 1	4
	5 Sec 3.5, 3.6	7 Sec 3.7,3.8	5
	12 Sec 3.9,4.2	14 Sec 4.3 Quiz # 2	6
	19 Presidents' Holiday - No Classes	21 Sec 4.3,4.4	7
March	26 Sec 4.5,4.6	28 Review and Test # 2	8
	4 Sec 4.8,4.9	6 Sec 4.9,4.10	9
	11 Lectures	13 Lectures Quiz # 3	10
	18 Lectures	20 Review	11
	25	27 FINAL 4pm-6pm	12

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:

M,W	06:30 PM	07:15 PM	In-Person	S76C
M,W	12:30 PM	01:15 PM	In-Person	S76C
T,TH	12:30 PM	01:15 PM	In-Person	S76C