Math 1C Calculus Fall 2024

Instructor: Jyothsna Viswanadha Email: viswanadhayogeswari@fhda.edu
Class Timings: TTh 6:30 – 8:45 pm online
Office Hours: Tuesday and Thursday 6:00 pm Friday 9-10am and by appointment

Prerequisite:

Mathematics 1B with a grade of C or better or equivalent.

Textbook:

Openstax Calculus Volume 2 and 3
Volume 2: https://openstax.org/details/books/calculus-volume-2
Volume 3: https://openstax.org/details/books/calculus-volume-3

Class Structure: This class is completely online. We meet online every Tuesday and Thursday from 6:30-8:45pm. We will use zoom to meet and Canvas to work.

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 the due dates. Homework extensions are possible, but you have to let me know on or before the due date to get the extension If written solutions have been posted for the homework, then extensions can't be granted. Extensions can't be given on Discussion Boards.

Tests: There will be 3 tests including final. No make-up is given. Please don't ask or email about make up tests. Missed test scores will be replaced by the final score if the final score. Tests will be given on scheduled dates.

Quizzes: Quick 15 minutes quizzes will be given every week. No makeups will be given if you miss a quiz. Two lowest or missed quiz scores will be dropped.

Final Exam: A two-hour final exam will be given. A student who misses the final exam and doesnot contact the instructor will receive an F in the final. It is student's responsibility to keep track and up to date with the final exam date and time. No repeated emails will be sent.

Final Exam is on December 13th Thursday from 6:15pm-8:15pm

In class work, Worksheets and Extra Credit: In class worksheets will be uploaded in canvas for every section, which are used to take notes and follow along in class.
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.

Guideline for submitting work for homework, quizzes and tests:

1. Work must be neat and organized. Messy and illegible work will not be graded.
2. Do the problems in the assigned order.
3. It is important to SHOW ENTIRE WORK/EXPLANATION to get full credit. Your grade depends on the work/explanation of your final answer, not just the final answer. Using online solvers and copying your work is treated as cheating. Online solvers are tools to check your work not to earn a grade.

Grading Scale:

Grade	Percentage	Grade	Percentage
A+	97%-100%	B-	80%-82.9%
A	93%-96.9%	C+	75% - 79.9%
A-	90%-92.9%	C	70%-74.9%
B+	87%-89.9%	D	60% - 69.9%
B	83%-86.9%	F	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.
- Ask questions!
- Read the textbook and practice section exercises.
- Make use of Discussion Boards to communicate and get help from peers.
- Work with your peers and share contact information.

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.

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.

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 which may result in 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 classes : 10/06/2024
Last day to drop classes without a W : 10/06/2024
Last day to drop classes with a W : 11/15/2024

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.

	Tuesday	Thursday
Week 1	sec 7.3, 7.4	sec 5.1,5.2
Week 2	sec 5.3,5.4	sec 5.5,5.6
Week 3	Review	Test # 1
Week 4	sec 6.1	sec 6.2
week 5	sec 6.3,6.4	sec 2.2
week 6	sec 2.1	sec 2.3
week 7	Review	Test # 2
Week 8	sec 2.4	sec 2.5
Week 9	sec 3.1	sec 3.2
Week 10	sec 3.3	sec 3.4
week 11	Review	Review
		FINAL Thursday 6:15 pm – 8:15pm

week 12		

Student Learning Outcome(s):

• Analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.
• Apply infinite sequences and series in approximating functions.
• Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.

Office Hours:

M,T,W,TH	06:00 PM	06:25 PM	Zoom	online
F	09:00 AM	10:00 AM	Zoom	Online