

Instructor: Jyothsna Viswanadha **Email:** viswanadhayogeswari@fhda.edu

Class: Math 1C Summer 2022

Class Location and hours: Asynchronous meeting online. Material will be delivered through Canvas.

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. I will post videos, lecture notes and homework on canvas. You can work at your own time. But you have to submit work on the specified due dates.
- We will use Canvas as our online classroom. Pre-recorded micro lectures on each topic and for necessary examples will be posted on to canvas.

Homework: You will be given online homework through myopenmath.com after each section that we cover. In addition, you will also be assigned a small number of problems in most sections to do byhand with pencil and paper which you will then upload to Canvas. Pay close attention to due dates and do not wait until the last minute to start assignments.

Quizzes: Quizzes will be given on the materials covered in class during the week or the previous week. Each quiz is worth 20 points. No makeups will be given. Lowest quiz score will be dropped.

Exams: There will be 2 exams including final. No make-up is given. Please don't ask or email about makeup exams or quizzes.

Final Exam: A two-hour final exam will be given. A student who misses the final exam and does not 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.

Guideline for Submitting work for homework, quizzes and tests:

1. Work must be NEAT and ORGANIZED.
2. Do problems in the order.
3. It is important to SHOW YOUR WORK to get full credit. You are graded on the work you show to get the final answer, not just the final answer. Circle your final answer.

Grading Scale:

- A 90%-100%
- B 80%-89%
- C 70%-79%
- D 60%-69%
- F Under 60%

Make up Policy – There are no make ups.

- Exams will be given on the scheduled dates. There are absolutely no make-up quizzes or exams.
- Lowest quiz score (or missed quiz score) is dropped.
- Lowest or missed test score will be replaced by final score. (If it is higher than the test scores)
- Please don't ask or email about makeup exams or quizzes.

Textbook and Practice Problems: Reading textbook and practicing problems from the textbook are very important to understand the class material, especially for online classes.

Please make sure that you are reading the textbook once we finish a section and practice HW problems

Tips for Success in our class.

- View the online class videos.
- Reach out immediately to make an appointment as soon as you need help.
- Ask questions. You can always e-mail me or ask questions on discussions board or during office hours.
- Reading the textbook is an important aspect of learning and retaining the material.
- Work on the assigned online homework and also chapter exercises from textbook.
- Get help if you need it. Use resources in the Math, Science and Technology Learning Center
 - Resources can be accessed here.
<http://deanza.edu/studentsuccess/servicesupdate.html>
 - For individual tutoring sessions, click here:
http://deanza.fhda.edu/studentsuccess/mstrc/weekly_ind.html
- Work with others in this class. Share contact information with classmates and work together.

Student resources:

- Your classmates: Participate in the Canvas Discussion boards and form virtual study groups to learn from one another.
- MSTRC (Math, Science and Technology Resource Center): Since campus is closed, free online tutoring via Zoom is available instead, along with Academic Skills Workshops. More details can be found here <http://deanza.edu/studentsuccess/servicesupdate.html>.
- Your instructor: Make use of virtual office hours and email (preferably through the Canvas Inbox).
- If you are not available during office hours, please make an appointment to chat with me at another time. Do not wait until you are drowning to get help! Please contact me for help or to talk about your grade. That is what I am here for!

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 Speak with me privately or e-mail me regarding your accommodations.

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	Tuesday	Wednesday	Thursday	Sunday
Week 1	sec 7.3	sec 7.4	sec 5.1	sec 5.2	Quiz # 1
Week 2	sec 5.3	sec 5.4	sec 5.5	sec 5.6	Quiz # 2
Week 3	sec 6.1	sec 6.2	sec 6.3	sec 6.4	test # 1
Week 4	sec 2.2	sec 2.1	sec 2.3	sec 2.4	Quiz # 3
week 5	sec 2.5	sec 3.1	sec 3.2	sec 3.3	quiz # 4
week 6	sec 3.4	review	review	Final	

Student Learning Outcome(s):

*Graphically, analytically, numerically and verbally 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: