Math 1C.55Z – Calculus III Fall 2024
Online classes

Instructor: Lilit Mazmanyan, Ph.D.	
Contact: mazmanyanlilit@fhda.edu	**Office hours:** Tuesday, 2:00 – 2:30 PM Thursday, 2:00 – 2:30 PM, online via Zoom (check Canvas course for instructions)

This is an online class and instructional method is fully **asynchronous**. You can study the assigned course materials and complete the assignments via Canvas course management system at your own pace by meeting weekly deadlines. You can access Canvas via MyPortal as you are enrolled in the course or using direct link Dashboard (instructure.com) with your MyPortal login credentials. We will communicate via Canvas Inbox, discussion board, and emails. Check periodically Canvas announcements.
Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: Student Resources (instructure.com). The Student Online Resources hub with extensive information and tips can be found at Online Learning Resource Hub for Students (deanza.edu).

Course Description
Students in this course will learn about infinite series, lines, and planes in three dimensions, vectors in two and three dimensions, parametric equations of curves, derivatives, and integrals of vector functions.

Prerequisites
- MATH 1B or MATH 1BH (with a grade of C or better) or equivalent.
- Advisory: EWRT 211 and READ 211, or ESL 272 and 273.

Textbook
James Stewart, Daniel Clegg & Saleem Watson "**Calculus: Early Transcendentals**", bundled with WebAssign Access Code, 9th Edition, Cengage 2021.

You can choose to buy only the **WebAssign Access Code** and have access to the **e-book** and online assignments.

Homework and tests must be completed online using WebAssign software.
You need a Class Key and Access Code for WebAssign.
- **CLASS KEY** to register on WebAssign **WILL BE SENT TO YOU BY EMAIL.**
  You must self-register at http://www.webassign.net to use the WebAssign.
- **ACCESS CODE** can be purchased online after signing in WebAssign or through De Anza College bookstore.
- WebAssign is FREE for the first two (2) weeks of the quarter only.

Follow the link for additional information on Cengage/WebAssign.

Calculators
- A TI-83 PLUS, TI-84 or TI-84 PLUS graphing calculator is recommended for this course or the equivalent one.
- You can use online calculator via website as DESMOS (https://www.desmos.com) or GeoGebra (https://www.geogebra.org) for the homework and group activities.

Weekly course lectures and assignments, and other resources, grades and announcements will be published on our Canvas course (https://deanza.instructure.com).

Homework (HW)	• Homework must be completed online through WebAssign. • Each homework is due Sunday. • After the due date/time, HW cannot be submitted for credit. • Answer key is available online after the deadline. • The lowest homework score will be dropped. • You can ask your HW questions during our office hours or anytime through "ask my teacher" on WebAssign or through Canvas Inbox.
Group Work (GW)	• GW will be assigned randomly during our course time. • GW must be completed in groups of at least two and no more than four. • Topics and details will be discussed on Canvas. • Due date will be announced in class.
Quizzes (Q)	• Quiz is online based on classwork and homework. • NO MAKE-UP QUIZZES are given. • It is recommended to have ready one or two sheets of notes. • Missed quiz is graded as a zero (0). • The lowest quiz score will be dropped.
Exams & Final Exam (EX,FE)	There will be four (4) examinations • EX 1, 2 & 3 are one hour each and Final exam is two (2) hours. • EX 1, 2 & 3 and the FE dates are on the course schedule. • It is recommended to have ready one or two sheets of notes. • There are NO MAKE-UP examinations. • An absence from any examination earns a grade of zero (0). • You MUST take the final exam to pass the course. Check the announcements and follow the course schedule on Canvas and WebAssign.

Grading

Students will be graded on homework (HW), group works (GW), quizzes (Q), and exams (EX1, 2 & 3, FE).

Distribution of weights for each category

Category	% Weight on Final Grade
Homework	10 %
Group Work	10 %
Quiz	15 %
Exam 1	15 %
Exam 2	15 %
Exam 3	15 %
Final Exam	20 %

Grading Scale

			A	94-100		A-	90-93
B+	87-89		B	83-86		B-	80-82
C+	77-79		C	70-76		D	60-69
						F	<60

Extra Credit

During the course you will have opportunities for extra credits. There will be extra problems included in the coursework.

Important Dates and Deadlines

https://www.deanza.edu/calendar

Monday	**September 23**	First day of Fall Quarter 2024
Sunday	**October 6**	Last day to add classes
Sunday	**October 6**	Last day to drop classes with no record of "W"
Monday	**November 11**	Veterans Day holiday, no class
Friday	**November 15**	Last day to drop classes with a "W"
Thursday-Sunday	**November 28 - December 1**	Thanksgiving holiday, no classes
Thursday	**December 12**	Final examination

Online Education Center

- Student Resources (deanza.edu): The Online Education Center is committed to providing students with the support they need to successfully access and use Canvas, our course management system.
- Online Learning Student Resource Hub (deanza.edu): The Hub will provide resources for students who are learning online at De Anza.
- Staying Organized: This webpage has advice for planning and staying on top of your online coursework.
- Canvas Help: Need technical support with Canvas? This page has information on how to get help.

California Virtual Campus

- Get Ready for Online Learning: This website has videos about getting "tech ready," managing your time, communicating with instructors and more.

Student services and support
https://www.deanza.edu/online-spring/#Services
- Tutoring and Library Help
- Computers and Tech Products
- Internet Access
- Food and Financial Assistance
- Health and Psychological Services

Attendance, Drops or Withdrawals
- Regular online attendance is essential for success in the course.
- You must not miss a class in the first week of the quarter or you will be dropped.
- It is the student's responsibility to drop or withdraw from this course by the college deadlines.

Academic Honesty and Discipline Policy:
Students are expected to abide by the DeAnza College Code of Conduct and not participate in academic dishonesty.
https://www.deanza.edu/policies/academic_integrity.html

Student Success Center
http://deanza.edu/studentsuccess/mstrc/
Hours of online Zoom Tutoring Center are Monday to Thursday 9:00-6:00 PM and Friday 9:00 AM-12:30 PM.
The SSC provides free tutoring services such as individual, drop-in, groups, in-class and workshops.

Disability Support Services
https://www.deanza.edu/dsps/dss/
Students with disabilities who qualify for academic accommodation must provide a notification from the Disability Support Services (DSS) and discuss their specific needs with the instructor at the beginning of the quarter.
For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) please contact Disability Support Services (DSS).
Phone number: (408) 460-7681
Email: dss@deanza.edu

Tentative Schedule

		All Assignments except Quiz and Exams are due Sunday, 11:59 PM
Week 1	September 23 – 29 **Syllabus/Sections 11.1, 11.2, 11.3**	
Week 2	September 30 – October 6 **Sections 11.4, 11.5**	October 3 **Quiz 1**
Week 3	October 7 – October 13 **Sections 11.6, 11.7, 11.8**	October 10 **Quiz 2**
Week 4	October 14 – October 20 **Sections 11.9, 11.10**	**October 17** **Exam 1 (one hour): Sections 11.1 – 11.8**
Week 5	October 21 – October 27 **Sections 11.11, 10.1, 10.2**	
Week 6	October 28 – November 3 **Sections 10.3, 10.4**	October 31 **Quiz 3**
Week 7	November 4 – 10 **Sections 12.1, 12.2**	**November 7** **Exam 2 (one hour): Sections 11.9 – 11.11, 10.1 – 10.4**
Week 8	November 11 – 17 **Sections 12.3, 12.4**	November 14 **Quiz 4** **Nov. 11 –** Veterans Day holiday – No class
Week 9	November 18 – 24 **Sections 12.5, 13.1**	November 21 **Quiz 5**
Week 10	November 25 – December 1 **Sections 13.2, 13.3**	**November 26** **Exam 3 (one hour): Sections 12.1 – 12.5** **Nov. 28 -Dec. 1 –** Thanksgiving holiday – No class
Week 11	December 2 – 8 **Section 13.4, Review Problems**	
Week 12		**December 12** **Final Exam (two hours): Sections 11.1 – 13.4**

- Any change in schedule is announced on Canvas. Students are responsible for keeping track of schedule changes.
- The **due dates for HW** assignments can be found on WebAssign. You will have multiple sections' homework due Sunday. **Group Works** will be assigned in random weeks and they are due given Sunday.
- **All assignments'** instructions with due dates will be announced on Canvas.
- **Quizzes** will be opened on scheduled week Thursday at 4:00 PM, and you will have one day to complete them with time limit.
- **Examinations 1&2 and Final Examination** with time limits will be opened on scheduled week Thursday at 4:00 PM due midnight. **Examination 3** will be assigned on Tuesday, November 26.

Course materials (syllabus, lecture presentations, quiz/exam answer keys and additional resources) are uploaded onto *Canvas*. It is accessible to you via MyPortal as you are enrolled

in the course. You can also access into Canvas using direct link (https://deanza.instructure.com) with your MyPortal login credentials.

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:

T	02:30 PM	03:30 PM	Zoom
T,TH	02:00 PM	03:30 PM	Zoom