Math 1C.40Z – Calculus   **Summer 2023**
Meets: MTWTh, 5:30 PM to 7:45 PM
Online classes via Zoom

Instructor: Lilit Mazmanyan
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This is an online class and instructional method is **synchronous**. Lectures will be delivered online via Zoom during scheduled class times. Virtual breakouts will be used for group collaboration. Instructions how to connect Zoom lectures can be found on **Canvas**, which are accessible to you via **MyPortal** as you are enrolled in the course. You can also access Canvas using direct link (https://deanza.instructure.com) with your MyPortal login credentials.
We will communicate via Canvas Inbox, discussion board, WebAssign, and emails. Check periodically Canvas announcements. Instructions to access WebAssign for online assignments can be found on our Canvas course.
Information about Canvas, Zoom, and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382. The Student Online Resources hub with extensive information and tips can be found at deanza.edu/online-ed/students/remotelearning.

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.
• If you do not have graphing calculator you can use online graphing calculator via website as
   https://www.desmos.com

Homework (HW)	• Homework must be completed online using WebAssign. • After the due date/time, HW cannot be submitted for credit. • After the due date/time, the answer key is available online. • The lowest homework score will be dropped.
Group Work (GW)	• GW will be assigned randomly during class times. • GW must be completed in groups of at least two and no more than four. • Topics and details will be discussed in class.
Quizzes (Q)	• Quiz is online based on classwork and homework. • NO MAKE-UP QUIZZES are given. • 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** **Grading Scale** **Extra Credit** During the course you will have opportunities for extra credits. There will be extra problems included in the coursework.

Distribution of weights for each category

Category	% Weight on Final Grade
Homework	5 %
Group Work	5 %
Quiz	10 %
Exam 1	20 %
Exam 2	20 %
Exam 3	20 %
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

Important Dates and Deadlines (https://www.deanza.edu/calendar)

Monday	**July 3**	First day of Summer Quarter 2023
Tuesday	**July 4**	Independence Day holiday, no class
Wednesday	**July 5**	Last Day for Drops w/ Refund
Wednesday	**July 5**	Last Day for Drops w/o W
Monday	**July 10**	Last Day for Adds
Wednesday	**August 1**	Last Day for Drops
Thursday	**August 10**	Final examination

Online Education Center
- **Student Resource Hub:** Visit this site for tips, guides and answers to your questions about using Canvas, Zoom and other online learning tools that your classes may be adopting.
- **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.
- **More Student Resources:** Visit this page for more links and tips.

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 10:00-5:00 PM.
The SSC provides free tutoring services such as individual, drop-in, groups, in-class and workshops.
For individual tutoring, fill out a weekly individual application:
http://deanza.fhda.edu/studentsuccess/mstrc/weekly_ind.html
For group tutoring, contact to Helen at nguyenhelen@deanza.edu.

Disability Support Services

https://www.deanza.edu/dsps/dss/

Students with disabilities who qualify for academic accommodations 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

	Monday	Tuesday	Wednesday	Thursday
Week 1	July 3 **Syllabus/Section 11.1**	July 4 Independence Day Holiday **No class**	July 5 **Section 11.2**	July 6 **Section 11.3**
Week 2	July 10 **Section 11.4** **Quiz 1**	July 11 **Section 11.5**	July 12 **Section 11.6**	July 13 **Exam 1 (one hour)** **Section 11.7**
Week 3	July 17 **Section 11.8**	July 18 **Section 11.9**	July 19 **Section 11.10** **Quiz 2**	July 20 **Section 11.11**
Week 4	July 24 **Section 10.3**	July 25 **Section 10.4** **Quiz 3**	July 26 **Section 12.1**	July 27 **Exam 2 (one hour)** **Section 12.2**
Week 5	July 31 **Section 12.3**	August 1 **Section 12.4** **Quiz 4**	August 2 **Section 12.5**	August 3 **Exam 3 (one hour)** **Section 13.1**
Week 6	August 7 **Section 13.2**	August 8 **Section 13.3**	August 9 **Section 13.4** **Review Problems**	August 10 **Final Exam (two hours) Chapters 10-13 5:30 PM - 7:30 PM**

- Any change in schedule is announced during class and via Canvas Announcements. Students are responsible for keeping track of schedule changes.
- **GW** – Group work will be discussed in class.
- **HW** assignments can be found on **Canvas**. They are due each Sunday.
- Course materials (syllabus, lecture presentations, quiz/exam answer keys and additional resources) are uploaded onto *Canva*s. 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: