Math 1D.35 – Calculus Spring 2024
Meets: MW, 4:00 PM to 6:15 PM
Room: MLC109

Instructor: Lilit Mazmanyan	
Contact: mazmanyanlilit@fhda.edu	**Office hours:** Friday, 4:00 – 5:00 PM, online via Zoom (check Canvas course for instructions)

This class meets **on-campus** each week on scheduled days and times. Instructions to access Zoom for office hours can be found on our Canvas course, which is 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.
Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382.

Course Description
Topics in this course include partial derivatives, multiple integrals, vector calculus, and their applications.

Requisites
Prerequisite: MATH 1C or 1CH (with a grade of C or better) or equivalent.
Advisory: ESL 272 and ESL 273, or ESL 472 and ESL 473, or eligibility for EWRT 1A or EWRT 1AH or ESL 5

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 required for this course or the equivalent one.
- For group work and homework you can use online graphing calculator via website as https://www.desmos.com

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 class times. • There are about five group works. • GW must be completed in groups of at least two and no more than four. • Topics and details will be discussed in class. • Work with details must be uploaded on Canvas as one document. • Due date will be announced in class.
Quizzes (Q)	• Quiz is closed book. It is based on classwork and homework. • There are five quizzes based on classwork and homework problems. • One page of notes, HANDWRITTEN, (one side 8.5 x 11-inch) is allowed. • NO MAKE-UP QUIZZES are given unless it is due to Covid. • 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. • Exams are closed book. • One (1) sheet of notes (double-sided 8.5 x 11-inch), HANDWRITTEN, is allowed for the Exams 1, 2 & 3. • Two (2) sheets of notes (double-sided 8.5 x 11-inch), HANDWRITTEN, are allowed for the Final Exam. • Bring graphing calculator, spare batteries, pencils, ruler, sharpener, and eraser. • There are NO MAKE-UP examinations unless it is due to Covid. • An absence from any examination earns a grade of zero (0). • You MUST take the final exam to pass the course.

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	15 %
Group Work	10 %
Quiz	15 %
Exam 1	15 %
Exam 2	15 %
Exam 3	15 %
Final Exam	15 %

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	**April 8**	First day of Spring Quarter 2024
Saturday	**April 19**	Last day to add classes
Sunday	**April 20**	Last day to drop classes without a W
Saturday-Monday	**May 25-27**	Memorial Day Weekend - no classes, offices closed
Friday	**May 31**	Last day to drop classes with a W
Monday	**June 19**	Juneteenth Holiday - no classes, offices closed
Wednesday	**June 26**	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 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.
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	Wednesday
Week 1	April 8 **Syllabus/Section 12.6**	April 10 **Sections 14.1 & 14.2**
Week 2	April 15 **Sections 14.3 & 14.4**	April 17 **Section 14.5** **Quiz 1**
Week 3	April 22 **Sections 14.6 & 14.7**	April 24 **Section 14.8** **Quiz 2**
Week 4	April 29 **Section 15.1**	May 1 **Section 15.2** **Exam 1 (one hour): Sections 12.6, 14.1-14.8**
Week 5	May 6 **Sections 15.3 & 15.4**	May 8 **Section 15.5**
Week 6	May 13 **Sections 15.6 & 15.7**	May 15 **Section 15.8** **Quiz 3**
Week 7	May 20 **Section 15.9**	May 22 **Section 16.1** **Exam 2 (one hour): Sections 15.1-15.9**
Week 8	May 27 **Sections 16.2**	May 29 **Section 16.3** **Quiz 4**
Week 9	June 3 **Sections 16.4 & 16.5**	June 5 **Section 16.6** **Quiz 5**
Week 10	June 10 **Section 16.7**	June 12 **Section 16.8** **Exam 3 (one hour): Sections 16.1-16.7**
Week 11	June 17 **Section 16.9**	June 19 **Section 16.10 & Review**
Week 12		June 26 Final Exam, 4:00 – 6:00 PM (two hours) Chapters 14, 15, 16, and Section 12.6

- Any change in schedule is announced during class. Students are responsible for keeping track of schedule changes.
- Final Exam date/time is the college mandated official final exam date/time.
- The **due dates for HW** assignments can be found on WebAssign.
- **Group Work** is assigned randomly during class time and the due dates will be announced.

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):

• Apply analytic, graphical and numerical methods to study multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
• Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
• Synthesize the key concepts of differential, integral and multivariate calculus.

Office Hours:

F	04:00 PM	05:00 PM	Zoom