Math 1D.53Z – Calculus IV   Summer 2025
Asynchronous Online Classes

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This is an **asynchronous** online class that does not have scheduled meetings. You can study the assigned course materials and complete the assignments via Canvas course management system and WebAssign 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. Information about Canvas and Online Education Orientation can be found on Canvas on the Student Resources page: Student Resources (instructure.com). The Student Online Resources hub with extensive information and tips can be found at Student Resource Hub (deanza.edu).

Communication
You can send me your questions anytime through Canvas Inbox, by email or Ask Your Teacher on WebAssign. I will do my best to respond to you by the end of the next day. I am confident you will develop the knowledge and discipline you need to do well on this course. If you are struggling for any reason, please reach out to me so that we can work together. Please check periodically Canvas announcements.

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 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 or GeoGebra for the homework and group activities.

Weekly course lectures and assignments, and other resources, grades and announcements will be published on our Canvas course.

Homework (HW)	• Homework must be completed online through WebAssign. • Most homework assignments are due on Monday. There will be some homework due on scheduled weekday. Follow the Canvas and WebAssign for deadlines. • After the due date/time, HW cannot be submitted for credit. • Answer key is available online after the deadline. • You are allowed to request three homework extensions for the quarter. The answer key must not be followed if you choose to request an extension. • 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 Activities and Discussions (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. • Group Work is graded based on group discussions, simulation analysis and problem solving. • It is your responsibility to join group discussions not to miss any point.
Quizzes (Q)	• Quiz is online through WebAssign and work details must be submitted on Canvas. • Quiz is based on classwork and homework. • NO MAKE-UP QUIZZES are given. • It is recommended to have one or two sheets of notes ready. • Missed quiz is graded as a zero (0).
Exams & Final Exam (EX, FE)	There will be three (3) examinations through WebAssign and work details must be submitted on Canvas. • EX 1 & 2 are one hour each and Final exam is two (2) hours. • Exam dates are on the course schedule. • It is recommended to have one or two sheets of notes ready. • 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, FE).

Distribution of weights for each category

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

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

[Academic Calendar (deanza.edu)](#)

Monday	June 30	First day of Summer Quarter 2024
Friday	July 4	Independence Day holiday, no class
Sunday	July 6	Last Day for Drops w/ Refund
Sunday	July 6	Last Day for Drops w/o W
Sunday	July 6	Last Day for Adds
Sunday	July 31	Last Day for Drops
Thursday	August 9	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.
- [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
[Your Guide to the Quarter](#)
- 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.
  More details can be found following [Withdrawing From Class](#)

Academic Honesty and Discipline Policy
Students are expected to abide by the DeAnza College Code of Conduct and not participate in academic dishonesty. Academic dishonesty includes but not limited to
• Copying the work of other students or from other resources
• Allowing others to copy your work
• Using more than required notes during a quiz or examination
• Using any electronic device or online resources other than the required calculator on a quiz or examination
Please refer to [Academic Integrity](#).

Tutoring
[Math, Science & Technology Resource Center](#)
Tutoring services are available through **Math, Science & Technology Resource Center (MSTRC).** You will find drop-in, group and weekly individual tutoring appointments.
There are weekly workshops in a variety of mathematical subjects.
You have access to online tutoring through our Canvas course too. Find the **NetTutor** in Course Navigation Menu and then select the **Math (Calculus and Above) group**.

Disability Support Services
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
Please refer to [Disability Support Services](#)

Tentative Schedule

		Assignments
Week 1	June 30 - July 6 **Syllabus / Sections 12.6, 14.1-14.3**	July 4 - Independence Day Holiday, **No class**
Week 2	July 7-13 **Sections 14.4-14.8**	**Quiz 1 (Monday)** **Exam 1 (one hour, Thursday)**
Week 3	July 14-20 **Sections 15.1-15.6**	**Quiz 2 (Thursday)**
Week 4	July 21-27 **Sections 15.7-15.9, 16.1-16.3**	**Exam 2 (one hour, Thursday)**
Week 5	July 28 - August 3 **Sections 16.4-16.8**	**Quiz 3 (Thursday)**
Week 6	August 4-10 **Sections 16.9-16.10**	**August 7 - Final Exam (two hours)** **Chapters 14, 15, 16, and Section 12.6**

- 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. They are announced on Canvas in Weekly module sections as well. Most homework assignments are due on Sunday. There will be some homework due on scheduled weekday. Follow the Canvas and WebAssign for deadlines.
- **Group Works** will be assigned on random weekdays, and they are due given Sunday.
- **Quizzes** with time limits will be opened on scheduled weekday at 8:00 AM due midnight.
- **Examinations 1 & 2 and Final Examination** with time limits will be opened on scheduled week Thursday at 8:00 AM due midnight.
- Course materials (syllabus, lecture presentations, quiz/exam answer keys through WebAssign 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 Canvas using direct [Dashboard](#) 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:

      TH   11:00 AM - 12:00 PM   Email