Welcome to Math 1D.53Z: Calculus IV - Winter 2026

Communication and Contact Information

Instructor: Dr Lisa Markus (call me Dr Markus or Lisa)

Contact me anytime you need help or have questions. My goal is to respond to asynchronous communication by the end of the next school day. The best way to contact me is **via the InBox in Canvas.** You can also post questions to the class Discussions in Canvas.

Email: markuslisa@fhda.edu

Office Hour via Zoom: Monday 2:15 – 3:30pm

Note: there will be no Office Hour on School Holidays.

During my Zoom Office Hours, you can talk to me live. You do not need to use your camera. If you do not have a microphone, you can use Chat in Zoom. I have enabled "**Waiting Rooms**" in Zoom office hours so that each student may privately speak to me. If you see that you are in the waiting room, please wait for me and I will be with you as soon as I am done helping previous student(s). If my office hour does not work for your schedule, you may request an appointment for a different time, OR you may use other options to communicate with me: **the InBox in Canvas**

There will be weekly **Announcements** posted, and written comments for your quizzes. Additionally, you will get messages from me via the InBox in Canvas, and in Speed Grader.

Required Course Materials

- **CANVAS**: deanza.instructure.com (Free.) Used for notes, videos, keeping track of your grades, doing homework, taking exams, and uploading written work. The textbook and homework are online in Canvas. The textbook can also be found at https://math.libretexts.org/Courses/De_Anza_College/Calculus_IV%3A_Multivariable_Calculus
- **CALCULATOR**: A TI-84 graphing calculator (or equivalent)
- **FILE UPLOADS:** A way to **submit written work** in Canvas as a single file upload.
- **GRAPHING**: you can draw by hand or use a computer. Geogebra is a free site for 3D graphs.

Attendance Policy

Attendance is **required** via actively participating in the online class. I will drop any student who has not logged onto the Canvas course and completed the discussion assignment during the first week. If you fail to complete assignments each week I **may** drop you from the course, however, students are responsible TO DROP OR WITHDRAW if they so need. It is also the student's responsibility to check http://www.deanza.edu/calendar/ (Links to an external

site.) (Links to an external site.) for the De Anza College deadlines. The course-specific dates are in MyPortal.

Math 1D Student Learning Outcomes

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

Note to students with disabilities

If you have a disability-related need for reasonable academic accommodations or services in this course, provide me with a Test Accommodation Verification Form (also known as a TAV form) from Disability Support Services (DSS) or the Educational Diagnostic Center (EDC). Students are expected to give **one week** notice of the need for accommodations. Students with disabilities can obtain a TAV form from their DSS counselor (408 864-8753 DSS main number) or EDC advisor (408 864-8839 EDC main number). The application process is here: https://www.deanza.edu/dsps/dss/applynow.html

No Make-Ups - but some scores are dropped!

There are no make-ups for any missed work, and no late work will be accepted. For some assignment types, some scores are dropped. This dropping of lowest scores is **also to take into account any technical difficulties** that may occur, plus any issues related to quarantine, Covid-19, power outages, internet issues, etc.

Academic Integrity

Students who submit the work of others as their own or cheat on exams or other assignments will receive a failing grade in the assignment and will be reported to college authorities.

Online Homework

The purpose of homework is to help you learn the material in the course. Eash homework set is worth 10 points. You learn the most and do your best if you work through the homework problems. Your 20 highest homework scores count towards your final grade which also takes into account any technical difficulties you may have. **The scores for 3.7, 3.8 and 3.8 will not be dropped.**

Note that the Practice Exercises in the book and on Canvas are for practice and do not count towards your course grade.

Quizzes

Throughout the course, written quizzes will be uploaded into Canvas. **Late papers will receive a grade of 0.** Written work must be uploaded in Canvas as a **SINGLE (ONE) file** attachment in the

correct place, NOT a folder with several files, and NOT a zip file, by the due date and time, in the appropriate place. Attachments that are blank, cannot be read, are in the wrong place, or cannot be opened will receive a grade of 0. If you upload more than one file, I will only grade one of your files. Examples of work that is NOT accepted: emailed work, work in messages in Canvas, work uploaded into the comments in Canvas, work uploaded for the wrong assignment.

Exams

Three Midterm Exams and one Final Exam will be given during the quarter. The exams will be timed and must be taking on the date outlined in Canvas.

Feedback

For assignments, be sure to review the correct answers to help understand where you went wrong and thoughtfully ask me any questions on anything you need help with. For the quizzes, review any comments I write about your work after it is graded. Expect the quiz grades with comments within 2 days of the due date.

Grades

Lowest percent for each letter grade (no rounding, an 89.9 is a B+): A 93%, A- 90%, B+ 87%, B 83%, B- 80%, C+ 77%, C 70%, D+ 67%, D 63%, D- 60%.

Grade Calculations

Type	**Description**	**Maximum Points**
Homework	Top 20 scores. 10 points each. 3.7 – 3.9 not dropped.	200
Quizzes	Top 5 scores, 20 points each	100
3 Midterms Exams	Top 2 out of 3, 50 points each	100
Final Exam	50 points	50
Total		450

NOTE: there may also be extra credit assignments that add to your points, but not the total points, so your personal total is divided by 450 to calculate your grade.

If you do not take the Final Exam your grade for the course will be F.

Course Calendar (tentative)

Tentative Calendar for the Course

Week, Monday date	**Homework due Monday 11:00pm**	**Assignments due Wednesday 11:00PM**
Week 1: 5 January	Start the homework due next week	Orientation Discussion – You will be dropped if you do not complete this assignment.
Week 2: 12 January	1.1, 1.2, 1.3	Quiz 1
Week 3: 19 January	1.4, 1.5, 1.6	Quiz 2
Week 4: 26 January	1.7, 1.8	Exam 1 – Chapter 1
Week 5: 2 February	2.1, 2.2	
Week 6: 9 February	2.3, 2.4	Quiz 3
Week 7: 16 February	2.5, 2.6	Quiz 4
Week 8: 23 February	2.7, 2.8	Exam 2 – Chapter 2
Week 9: 2 March	3.1, 3.2, 3.3	Quiz 5
Week 10: 9 March	3.4, 3.5	Quiz 6
Week 11: 16 March	3.6, 3.7	Exam 3 - Sections 3.1 – 3.7
Week 12: 23 March	3.8, 3.9. Quiz 7.	Final Exam – all sections

Strategies for Success

1. Keep up on all work – set aside at least 15 hours per week to work on this course.
2. Ask questions! - Use Discussions, Canvas InBox, Tutoring.
3. Read the textbook and take advantage of the resources in Canvas.
4. Start the homework long before it is due.

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Office Hours:

M	2:15 PM - 3:30 PM	Zoom