

Syllabus Math 1B.56Z: Calculus Spring 2025

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 or the Ask Your Teacher in WebAssign.**

Email: markuslisa@fhda.edu

Office Hour via Zoom: Tuesday 4:00 – 5:15pm

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 will also be monitoring and responding promptly to the Canvas InBox and the **Ask Your Instructor** in WebAssign.

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 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 or Ask Your Teacher in WebAssign.**

There will be weekly **Announcements** posted, and written comments for your projects.

Required Course Materials

- **HOMEWORK:** Access the WebAssign homework through the links in Canvas. Choose **MultiTerm Instant Access** to save money (should be about \$60). WebAssign homework includes the eBook. Access for the first week is free. The **eBook is Calculus, Early Transcendentals, Stewart 9TH Edition.** The eBook with WebAssign can be purchased **directly** through the homework links in Canvas or through the [De Anza College Bookstore \(Links to an external site.\)](#) Check out [De Anza College Financial Aid \(Links to an external site.\)](#) to find out if you can get help paying for this - the De Anza College Bookstore may allow you to use financial aid vouchers.
- **CANVAS:** deanza.instructure.com (Free.) Used for notes, videos, keeping track of your grades, doing homework, taking exams, and uploading written work.
- **CALCULATOR:** A TI-84 graphing calculator (or equivalent) is helpful (but not essential) throughout the course. The [De Anza College Library \(Links to an external site.\)](#) has calculators you can borrow.
- **FILE UPLOADS:** A way to **submit written work** in Canvas as a single file upload. All assignments that are file uploads must be **ONE** file only, multiple files submitted will not all be graded. Must be a file upload, not a link. **NO ZIP FILES.** Files must be uploaded in the correct assignment, not through email, messages or comments. The Free Apps *Genius Scan*, *CamScan*, and *SwiftScan* will take photos of work on a phone and combine into a single pdf.
- **GRAPHING:** you can draw by hand or use a computer.

Attendance Policy

Attendance is **required** via actively participating in class and online. I will drop any student who has not logged onto the Canvas course and completed the Orientation assignment during the first week (due Wednesday night, 11:00pm). If you fail to complete assignments 2 weeks in a row, 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 for the De Anza College deadlines. The course-specific dates are in MyPortal.

Math 1B Student Learning Outcomes

1. Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
2. Formulate and use the Fundamental Theorem of Calculus.
3. Apply the definite integral in solving problems in analytical geometry and the sciences.

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, Office Hours.
3. Read the textbook in WebAssign and take advantage of the resources in Canvas.
4. Start assignments before the due dates.

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, no extensions – 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 account for any technical difficulties** that may occur, plus any issues related to quarantine, Covid-19, power outages, internet issues, weather, 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. You learn the most and do your best if you work through the homework problems. In WebAssign, there is an "Ask the

Instructor" button - please use this if you have questions. Your 20 highest WebAssign homework scores count towards your final grade, this also takes into account any technical difficulties you may have. **NO EXTENSIONS GRANTED. Each homework question may be submitted up to 5 times**, so for each homework your score should be close to 10. Access the homework through the links in Canvas. **NOTE:** Give exact answers where possible.

Uploading Written Work

Throughout the course, written work 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.

Projects

Projects may be done groups of one to four members - you may post in the course Discussions to find people to work with. Upload one file with all of the group members' names on the project. Your 4 highest project grades count towards your course grade.

Exams

Two Midterm Exams and one Final Exam will be given during the quarter. See the Calendar below for the dates. The exams are timed assignments. **I count your top 2 exam scores (out of the 3 exams), plus the final exam score. Therefore, it is possible your final exam score will be counted twice.**

Grades

Lowest percent for each letter grade: A 93%, A- 90%, B+ 87%, B 83%, B- 80%, C+ 77%, C 70%, D+ 67%, D 63%, D- 60%..

Type	Description	Maximum Points
Homework (WebAssign)	Top 20 scores. 10 points each	200
Projects	Top 4 scores, 25 points each	100
3 Exams (2 midterm, 1 final)	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.

Examples: Exam 1 42/50, Exam 2 43/50, Final exam: 40/50. Exam total: 125. Exam 1 40/50, Exam 2 43/50, Final exam: 42/50. Exam total: 127 (final exam score replaces exam 1 score).

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

Feedback

For **EVERY** assignment, be sure to review the correct answers to help understand what you went wrong and thoughtfully ask me any questions on anything you need help with. In WebAssign there is a key icon to click on after the due date and time. For the projects, check out the rubric in Canvas and review any comments I write about your work after it is graded. Expect the project grades with comments within 3 days of the due date.

Tentative Course Calendar Spring 2025

Week, Monday date	Homework due Monday 11:00pm	Wednesday due 11:00pm
Week 1: 7 April		Orientation Due
Week 2: 14 April	5.1, 5.2, 5.3	Project 1
Week 3: 21 April	5.4, 5.5, 6.1	
Week 4: 28 April	6.2, 6.3	Exam 1
Week 5: 5 May	6.4, 6.5	Project 2
Week 6: 12 May	7.1, 7.2	Project 3
Week 7: 19 May	7.3, 7.4, 7.5	
Week 8: 26 May	7.6, 7.7, 7.8	Exam 2
Week 9: 2 June	8.1, 10.2 (parametric), 8.2	Project 4
Week 10: 9 June	8.3, 8.5	
Week 11: 16 June	9.1, 9.2, 9.3	Project 5
Week 12: 23 June	9.4, Natural Logarithm	Final Exam (All Chapters)
Application Sections	Mathematics: 6.5 Average Value, 8.2 Surface Area, Appendix G Natural Logarithm Physics: 6.4: Work, 8.3: Centre of Mass Other Applications: 8.5 Probability	