

COURSE: Math 1C-55Z, CRN 28403

QUARTER: Fall 2025

DAY: TBA

INSTRUCTOR: Millia Ison

EMAIL: isonmillia@fhda.edu

OFFICE PHONE: 864-5659

OFFICE HOUR: MW 6:20-7:00p. In person, **OFFICE NUMBER:** S76e

TuTh: 11:30a-12:30p. Online, **ZOOM Link:** <https://fhda-edu.zoom.us/j/95244405559>

COURSE PREREQUISITES Math 1B, or equivalent course with a grade "C" or better.

TEXT: Calculus: Early Transcendentals, by James Stewart, 9th edition.

ENROLL WEB ASSIGN: Log into your Canvas account, In Module, Click **WebAssign Sign in** to continue the process (Canvas Homepage purchase link will do the same). Your Cengage course materials will open in a new tab or window, so be sure pop-ups are enabled. Homework, quizzes and exams are on Web Assign.

EQUIPMENT: A graphic calculator or a computer with graph capability is required.

GRADING:

Homework ----150 points	A: $\geq 93\%$, 465 - 500 pts	C+: 76% - 79 % , 380 - 399 pts
Quizzes -----80 points	A- : 90% - 92 % , 450 - 464 pts	C: 70 % - 75 % , 350 - 379 pts
Discussions-----20 points	B+: 87% - 89 % , 435 - 449 pts	D: 60 % - 69 % , 300 - 349 pts
3 midterms --- 150 points	B: 83% - 86 % , 415 - 434 pts	F: 0 % - 59 % , 0 - 299 pts
Final exam ---- 100 points	B - : 80% - 82 % , 400 - 414 pts	
Total ----- 500 points		

HOMEWORK POINTS: You need to do your homework on a regular basis. However, all homework is due on **Tue. June 24, 11:59 pm**. **No Extension under any circumstances.** Total points on WebAssign is 1216(subject to change). Out of which, 1185 points are required (subject to change). If you have 1185, you earn 150 points (full credit) toward your grade. If you have total of 1210, then $1210 \div 1185 = 1.02$, that is 102%, $102\% \times 150 = 153$, which is 3 points extra credit. The total amount of the extra credit will be decided after the final exam.

QUIZ POINTS: 5 points each. 2 quizzes each week, due Sundays 11:59 pm, available 6 days before due. **You need to finish quizzes on or before Fridays.** Consider weekends are the extension if you have issues doing quizzes during weekdays. **NO EXTENSION under any circumstances beyond the deadline on WebAssign.** If a deadline is missed, you get 0 for the quiz. There are 19 quizzes this quarter. 3 lowest scores will be dropped.

DISCUSSIONS POINTS: 2 points each week. 0 for late submission. Students are required to participate in the discussion on canvas from week 2 to week 11. There will be question(s) posted on the discussion board each week.

EXAM POINTS: 50 points each. **Monday: 10/6, 11/3 and 11/24, 6:30p – 7:30p.** Students are expected to take the exams at the scheduled time. Please adjust your traveling or working time accordingly. **No make-up midterm exams.** 0 point for missed exam. All exam scores are counted for grade. If there is a time conflict with another in person exam, you must reschedule with me to take the exam within 24 hours of the scheduled time. For unusual circumstances, you must contact me before or on the exam day. The **percentage of your final exam score multiplied by 50** will replace the exam score. For the 2nd and 3rd missed midterm due to unusual situation, students must contact me to schedule a special written or oral exam.

FINAL EXAM: 110 points. **Monday, Dec. 8, 6:30p – 8:30p.** Doing Final Exam Review is optional. If you fail to take the final exam, you will receive "F" for your grade.

Exams are to test your understanding of the homework assignments. **Cheating of any form on midterm exams or the final exam will be grounds for disciplinary action.**

IMPORTANT DATES Sunday, October 5 --- Last day to drop without grade on your record.
Friday, November 14 --- Last day to drop with a "W".

The student is responsible to withdraw from the class. The last day for you to withdraw is **November 14**. After that day, you will receive a grade.

Chapter	SEC	PROBLEMS		Monday	Tuesday	Wednesday	Thursday	Friday	
Parametric Equations And Polar Coordinate	10.1	Curves Defined by Parametric Equations	Sep	22	23	24	25	26	
	10.2	Calculus with Parametric Curves	Wk1	Learn and do homework of 10.1, 10.2 and 10.3					
	10.3	Polar Coordinates		Complete Quiz 10.2 & Quiz 10.3					
	10.4	Areas and Lengths in Polar Coordinates	Sep	29	30	1	2	3	
Infinite Sequences And Series	11.1	Sequences	Oct	Learn and do homework 10.4 & 11.1					
		Series	Wk2	Complete Quiz 10.4 & Quiz 11.1					
	11.2	Series		Oct	6	7	8	9	10
	11.3	The Integral Test and Estimates of Sums	Wk3	Exam 1 6:30 – 7:30p	Learn and do homework 11.2				
	11.4	The Comparison Tests		Sec.10.1 – 11.1	Complete Quiz 11.2				
	11.5	Alternating Series and Absolute Convergence	Oct	13	14	15	16	17	
	11.6	The Ratio and Root Tests	Wk4	Learn and do homework 11.3, 11.4 & 11.5					
	11.7	Strategy for Testing Series		Complete Quiz 11.3 & Quiz 11.4,5					
	11.8	Power Series	Oct	20	21	22	23	24	
	11.9	Representations of Functions as Power Series	Wk5	Learn and do homework 11.6, 11.7, 11.8 & 11.9					
	11.10	Taylor and Maclaurin Series		Complete Quiz 11.6,7 & Quiz 11.8,9					
11.11	Applications of Taylor Polynomials	Oct	27	28	29	30	31		
Vector And The Geometry Of Space	12.1	Three-Dimensional Coordinate Systems	Wk6	Learn and do homework 11.10 & 11.11					
		Vectors	Complete Quiz 11.10 and Quiz 11.10,11						
	12.2	Vectors	Nov	3	4	5	6	7	
	12.3	The Dot Product	Wk7	Exam 2 6:30 – 7:30p	Learn and do homework 12.1 & 12.2				
	12.4	The Cross Product		Sec.11.2–11.11	Complete Quiz 12.1,2				
	12.5	Equations of Lines and Planes	Nov	10	11	12	13	14	
12.6	Cylinders and Quadric Surfaces	Wk8	Start 12.3	Veterans Day Holiday	Learn and do homework 12.3 & 12.4		Quiz 12.3 & Quiz 12.4	last day to drop w/W	
Vector Functions	13.1	Vector Functions and Space Curves	Nov	17	18	19	20	21	
	13.2	Derivatives and Integrals of Vector Functions	Wk9	Learn and do homework 12.5 & 12.6					
	13.3	Arc Length and Curvature		Complete Quiz 12.5 & Quiz 12.6					
	13.4	Motion in Space: Velocity and Acceleration	Nov	24	25	26	27	28	
			Wk10	Exam 3 6:30 – 7:30p	Learn and do homework 13.1 & 13.2		Thanksgiving Holiday	Thanksgiving Holiday	
			Wk10	Sec. 12.1 – 12.6	Complete Quiz 13.2				
			Dec	1	2	3	4	5	
			Wk11	Learn and do homework 13.3 and 13.4					
Dec	Complete Quiz 13.3 & Quiz 13.4								
Dec	8	9	10	11	12				
Wk12	Final 6:30 – 8:30p	Homework Due 11:59 pm							

Alternate Exam Policy

If you prefer not to take the exams on the official dates/times you may REQUEST to take the exam elsewhere. Approved testing centers include members of the Consortium of College Testing Centers OR a US Forces base overseas OR San Jose State University's proctoring center See <http://www.ncta-testing.org/find-a-cctc-participant> for a list of testing centers, and also check San Jose State University at <http://testing.sjsu.edu/proctor/>. You must email me the place, plus the name, phone and email of a contact person at the testing center (see below).

If you wish to take the exam at an alternative day/time, you must have COMPLETED the following with me at least ONE WEEK in advance of the official day for EACH exam.

1. You may ONLY take the exam on Wednesday or Thursday of the official exam week.

2. You must email me to let me know where you are requesting to take the exam, and the day and time of your appointment.

Please be sure to provide me the following information in a SINGLE email:

- i) Place you are requesting to take the exam.
- ii) Name, phone and email of a contact person.
- iii) Day and time of your appointment for each exam.

3. I will contact the testing center within 1 school day of you contacting me.

4. I must have received a response from the testing center at least ONE week in advance of the official exam.

If these arrangements are not completed 1 week in advance, your options are either to take the exam with the class at the scheduled time on campus or to miss the exam and receive a grade of 0.

Completed exams and the solution sheet must be emailed to me by your testing center by noon Cupertino time of the following day. Any late work will receive a grade of 0.

NOTE: You are REQUESTING an alternate exam day and time. I am under NO obligation to allow exams elsewhere.

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:

M,W 6:20 PM - 7:00 PM

S76E

T,TH 11:30 AM - 12:30 PM

Zoom