

COURSE: Math 1C-24, CRN 48454

QUARTER: Spring 2026

DAY: TuTh 1:30p – 3:45p

INSTRUCTOR: Millia Ison

ROOM: S45

EMAIL: isonmillia@fhda.edu

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

TuTh 11:30a-12:30p. Online. 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 registration process. 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 -- --80 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
3 midterms --- 240 points	B+: 87% - 89 % , 435 - 449 pts	D: 60 % - 69 % , 300 - 349 pts
Final exam ---- 100 points	B: 83% - 86 % , 415 - 434 pts	F: 0 % - 59 % , 0 - 299 pts
Total ----- 500 points	B- : 80% - 82 % , 400 - 414 pts	

HOMEWORK POINTS: You need to do your homework on a regular basis. However, all homework is due on **Tue. June 23, 11:59 pm.** **No Extension under any circumstances.** Total points on WebAssign is 1136(subject to change). Out of which, 1100 points are required (subject to change). If you have 1100, you earn 160 points (full credit) toward your grade. If you have total of 1136, then $1136/1100 \approx 1.03$, that is 103%, $103\% \times 160 \approx 165$, which is 5 points extra credit. The total amount of the extra credit will be decided after the final exam.

QUIZ POINTS: 5 points each, before the end of each meeting. **NO EXTENSION.** Absent will be counted as 0. There are 18 quizzes this quarter. 2 lowest scores will be dropped. [0/0]

EXAM POINTS: 80 points each. Dates are also listed on the calendar next page. **No make-up midterm exams.** 0 point for missed exam. For missing an exam due to unusual circumstances, students must contact me on or before the exam time. The percentage of your final exam score multiplied by 80 will replace the missed 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: 100 points. **Tuesday, June 24, 1:45pm – 3:45 pm.** 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, April 19 --- Last day to drop without grade on your record.
Friday, March 29 --- Last day to drop with a "W".

The student is responsible to withdraw from the class. The last day for you to withdraw is **March 29.** 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	April	6	7	8	9	10
	10.2	Calculus with Parametric Curves			10.1, 10.2		10.3	
	10.3	Polar Coordinates	Wk1		Quiz 10.2		Quiz 10.3	
	10.4	Areas and Lengths in Polar Coordinates	April	13	14	15	16	17
Infinite Sequences And Series	11.1	Sequences	Wk2		10.4		11.1	
	11.2	Series	April	20	21	22	23	24
	11.3	The Integral Test and Estimates of Sums			Exam 1 2:30 – 3:30p		11.2	
	11.4	The Comparison Tests	Wk3		Sec.10.1 – 11.1		Quiz 11.2	
	11.5	Alternating Series and Absolute Convergence	April	27	28	29	30	1
	11.6	The Ratio and Root Tests	May		11.3,11.4		11.4, 11.5	
	11.7	Strategy for Testing Series	Wk4		Quiz 11.3		Quiz 11.4,5	
	11.8	Power Series	May	4	5	6	7	8
	11.9	Representations of Functions as Power Series			11.6, 11.7		11.8 &11.9	
	11.10	Taylor and MacLaurin Series	Wk5		Quiz11.6,7		Quiz 11.8,9	
	11.11	Applications of Taylor Polynomials	May	11	12	13	14	15
Vector And The Geometry Of Space	12.1	Three-Dimensional Coordinate Systems	Wk6		11.10		11.11, 12.1	
	12.2	Vectors	May	18	19	20	21	22
	12.3	The Dot Product			Exam 2 2:30 -3:30p		12.2, 12.3	
	12.4	The Cross Product	Wk7		Sec. 11.2 – 11.11		Quiz 12.3	
	12.5	Equations of Lines and Planes	May	25	26	27	28	29
	12.6	Cylinders and Quadric Surfaces	Wk8	Memorial Day Holiday	12.3, 12.4		12.5	last day to drop w/W
Vector Functions	13.1	Vector Functions and Space Curves	June	1	2	3	4	5
	13.2	Derivatives and Integrals of Vector Functions			12.6, 13.1		13.1, 13.2	
	13.3	Arc Length and Curvature	Wk9		Quiz 12.6		Quiz 13.2	
	13.4	Motion in Space: Velocity and Acceleration	June	8	9	10	11	12
			Wk10		Exam 3 2:30 -3:30p		13.3	
					Sec. 12.1 – 12.6		Quiz 13.3	
		June	15	16	17	18	19	
		Wk11		13.3, 13.4		13.4	Juneteenth Holiday	
				Quiz 13.4		Review		
		June	22	23	24	25	26	
		Wk12		Final Exam 1:45p– 3:45p				
				HW Due 11:59p				

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

S75E

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

Zoom