

COURSE: Math 1C-15, CRN 27507

DAY: MW 4:00p – 6:15p

ROOM: S46/S44

OFFICE PHONE: 864-5659

OFFICE HOUR: MW 6:20p -7:00p. On Campus, Office Room: S76e

TuTh 2p-3p. Online. Zoom Link: <https://fhda-edu.zoom.us/j/82760301880>

QUARTER: Fall 2026

INSTRUCTOR: Millia Ison

EMAIL: isonmillia@fhda.edu

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 ---- 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. December 8**, 11:59 pm. **No Extension under any circumstances.** Total points on WebAssign is 1136(subject to change). Out of which, 1080 points are required (subject to change). If you have 1080, you earn 80 points (full credit) toward your grade. If you have a total of 1136, then $1136/1080 \approx 1.05$, that is 105%, $105\% \times 80 \approx 84$, which is 4 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. You must take quiz in person. Absent will be counted as 0. **NO EXTENSION.** There are 18 quizzes this quarter. 2 lowest scores will be dropped.

EXAM POINTS: 80 points each. Dates are also listed on the calendar next page. **No make-up midterm exams.** 0 point for missed exam. No exam score will be dropped. For 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 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. Wednesday, Dec. 9, 4pm – 6pm. 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, Oct. 4 --- Last day to drop without grade on your record.
Friday, Nov. 13 --- 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 13**. 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	21	22	23	24	25
	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	Sep	28	29	30	1	2
Infinite Sequences And Series			Oct	10.4		11.1		
			Wk2	Quiz 10.4		Quiz 11.1		
	11.1	Sequences		5	6	7	8	9
	11.2	Series	Oct	Exam 1 4p – 6p		11.2		
	11.3	The Integral Test and Estimates of Sums		Sec.10.1 – 11.1		Quiz 11.2		
	11.4	The Comparison Tests	Wk3					
	11.5	Alternating Series and Absolute Convergence	Oct	12	13	14	15	16
	11.6	The Ratio and Root Tests		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	Oct	19	20	21	22	23
Vector And The Geometry Of Space	11.9	Representations of Functions as Power Series		11.6, 11.7		11.8 & 11.9		
	11.10	Taylor and MacLaurin Series	Wk5	Quiz 11.6,7		Quiz 11.8,9		
	11.11	Applications of Taylor Polynomials	Oct	26	27	28	29	30
				11.10		11.10, 11.11		
			Wk6	Quiz 11.10		Quiz 11.10,11		
	12.1	Three-Dimensional Coordinate Systems						
Vector And The Geometry Of Space	12.2	Vectors	Nov	2	3	4	5	6
	12.3	The Dot Product		Exam 2 4p – 6p		12.1, 12.2		
	12.4	The Cross Product	Wk7	Sec. 11.2 – 11.11		Quiz 12.1,2		
	12.5	Equations of Lines and Planes	Nov	9	10	11	12	13
	12.6	Cylinders and Quadric Surfaces	Wk8	12.3, 12.4		Veterans Day Holiday		last day to drop w/W
Vector Functions				Quiz 12.3				
	13.1	Vector Functions and Space Curves	Nov	16	17	18	19	20
	13.2	Derivatives and Integrals of Vector Functions		12.4 12.5		12.5, 12.6		
	13.3	Arc Length and Curvature	Wk9	Quiz 12.5		Quiz 12.6		
	13.4	Motion in Space: Velocity and Acceleration	Nov	23	24	25	26	27
				Exam 3 4p – 6p		13.1, 13.2	Thanksgiving Holiday	Thanksgiving Holiday
			Wk10	Sec. 12.1 – 12.6		Quiz 13.2		
			Nov	30	1	2	3	4
			Dec	13.3		13.3, 13.4		
			Wk11	Quiz 13.3		Quiz 13.4		
			Dec	7	8	9	10	11
					HW Due 11:59p	Final Exam		
			Wk12			4p – 6p		

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:

6:20 PM - 7:00 PM

2:00 PM - 3:00 PM

S76E M,W

Zoom T,TH