

COURSE: Math 1C-34Z, CRN 48466
DAY: MW 6:30p – 8:45 p
EMAIL: isonmillia@fhda.edu

QUARTER: Spring 2024
INSTRUCTOR: Millia Ison
OFFICE NUMBER: S76e

ZOOM LINK: <https://fhda-edu.zoom.us/j/88254132493>

ZOOM OFFICE HOUR: MW 10:00 -11:40 am. 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 ----160 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 --- 150 points	B+: 87% - 89 % , 435 - 449 pts	D: 60 % - 69 % , 300 - 349 pts
Final exam ---- 110 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 bases. However all homework is due on Tuesday, June 25, 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. 8:15 – 8:45 pm each meeting. **NO EXTENSION.** Absent will be counted as 0. There are 18 quizzes this quarter. 2 lowest scores will be dropped.

EXAM POINTS: 50 points each. Dates are also listed on the calendar next page. **No make-up midterm exams.** 0 point for missed exam. For unusual circumstances, you must contact me before or on the exam day. Then percentage of your final exam score multiply by 50 will replace the exam score.

FINAL EXAM: 110 points. **Wednesday 26, 6:15 – 8:15** pm. Doing Final Exam Review is optional. 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 final exam will be grounds for disciplinary action.**

IMPORTANT DATES: Sunday, April 21 --- Last day to drop without grade on your record.
Friday, May. 31 --- Last day to drop with a "W".

Student is responsible to withdraw from the class. The last day for you to withdraw is **May 31**. 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	8	9	10	11	12
	10.2	Calculus with Parametric Curves	Wk1	10.1, 10.2 Quiz 10.2		10.3 Quiz 10.3		
	10.3	Polar Coordinates	April	15	16	17	18	19
	10.4	Areas and Lengths in Polar Coordinates	Wk2	10.4 Quiz 10.4		11.1 Quiz 11.1		
Infinite Sequences And Series	11.1	Sequences	April	22	23	24	25	26
	11.2	Series	Wk3	Exam 1 7:30 – 8:30p Sec.10.1 – 11.1		11.2 Quiz 11.2		
	11.3	The Integral Test and Estimates of Sums	April	29	30	1	2	3
	11.4	The Comparison Tests Alternating Series and Absolute Convergence	May	11.3, 11.4 Quiz 11.3		11.4, 11.5 Quiz 11.4,5		
	11.5	Power Series	May	6	7	8	9	10
	11.6	Representations of Functions as Power Series	Wk5	11.6, 11.7 Quiz 11.6,7		11.8 & 11.9 Quiz 11.8,9		
	11.7	Taylor and MacLaurin Series	May	13	14	15	16	17
	11.8	Applications of Taylor Polynomials	Wk6	11.10, 11.11 Quiz 11.10		12.1, 12.2 Quiz 12.1, 2		
	11.9		May	20	21	22	23	24
	11.10		Wk7	Exam 2 7:30 – 8:30p Sec. 11.2 – 11.11		12.3, 12.4 Quiz 12.3, Quiz 12.4		
	11.11		May	27	28	29	30	31
Vector And The Geometry Of Space	12.1	Three-Dimensional Coordinate Systems	Wk8	Memorial Day Holiday		12.5 Quiz 12.5		last day to drop w/W
	12.2	Vectors	June	3	4	5	6	7
	12.3	The Dot Product	Wk9	12.6 Quiz 12.6		13.1, 13.2 Quiz 13.2		
	12.4	The Cross Product	June	10	11	12	13	14
Vector Functions	12.5	Equations of Lines and Planes	Wk10	Exam 3 7:30 – 8:30p Sec. 12.1 – 12.6		13.3 Quiz 13.3		
	12.6	Cylinders and Quadric Surfaces	June	17	18	19	20	21
	13.1	Vector Functions and Space Curves	Wk11	13.4 Quiz 13.4		Juneteenth Holiday		
	13.2	Derivatives and Integrals of Vector Functions	June	24	25	26	27	28
					HW Due	Final 6:15p – 8:15p		

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 10:00 AM 11:40 AM Zoom