

COURSE: Math 1C-27, CRN 38463

QUARTER: Winter 2026

DAY: MW 4:00p – 6:15 p

INSTRUCTOR: Millia Ison

ROOM: S45/S44

OFFICE NUMBER: S76e

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 registration 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. March 24**, 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. 5:45 – 6:15 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 exams. For unusual circumstances, students must contact me on or before the exam time. The percentage of your final exam score multiplied by 50 will replace the exam score. For the 2nd and 3rd missed midterm due to an unusual situation, students must contact me to schedule a special written or oral exam.

FINAL EXAM: 100 points. **Wednesday, March 25, 4:00p – 6:00 p**. 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, Jan. 18 --- Last day to drop without grade on your record.
Friday, Feb. 27 --- Last day to drop with a "W".

The student is responsible for withdrawing from the class. The last day for you to withdraw is **Feb. 27**. After that day, you will receive a grade.

Chapter	SEC	PROBLEMS		Monday	Tuesday	Wednesday	Thursday	Friday
Parametric Equations And Polar Coordinate	10.1	Curve defined by Parametric Equations	Jan	5	6	7	8	9
	10.2	Calculus with Parametric Curves	Wk1	10.1, 10.2 Quiz 10.2		10.3 Quiz 10.3		
	10.3	Polar Coordinates	Jan	12	13	14	15	16
	10.4	Areas and Lengths in Polar Coordinates	Wk2	10.4 Quiz 10.4		11.1, 11.2 Quiz 11.1		
Infinite Sequences And Series	11.1	Sequences	Jan	19	20	21	22	23
	11.2	Series	Wk3	MLK's Birthday		Exam 1 5:00 – 6:00p Sec.10.1 – 11.1		
	11.3	The Integral Test and Estimates of Sums	Jan	26	27	28	29	30
	11.4	The Comparison Tests	Wk4	11.2, 11.3 Quiz 11.2, Quiz 11.3		11.4, 11.5 Quiz 11.4, 5		
	11.5	Alternating Series and Absolute Convergence	Feb	2	3	4	5	6
	11.6	The Ratio and Root Tests	Wk5	11.6, 11.7 Quiz 11.6, 7		11.8 & 11.9 Quiz 11.8, 9		
	11.7	Strategy for Testing Series	Feb	9	10	11	12	13
	11.8	Power Series	Wk6	11.10 Quiz 11.10		11.10, 11.11 Quiz 11.10, 11		Lincoln's Birthday
	11.9	Representations of Functions as Power Series	Feb	16	17	18	19	20
	11.10	Taylor and MaLaurin Series	Wk7	Washington's Birthday		Exam 2 5:00 – 6:00p Sec. 11.2 – 11.11		
	11.11	Applications of Taylor Polynomials	Feb	23	24	25	26	27
Vector And The Geometry Of Space	12.1	Three-Dimensional Coordinate Systems	Wk8	12.1, 12.2 Quiz 12.1, 2		12.3, 12.4 Quiz 12.3, Quiz 12.4		last day to drop w/W
	12.2	Vectors	Mar	2	3	4	5	6
	12.3	The Dot Product	Wk9	12.5 Quiz 12.5		12.6, 13.1 Quiz 12.6		
	12.4	The Cross Product	Mar	9	10	11	12	13
Vector Functions	12.5	Equations of Lines and Planes	Wk10	Exam 3 5:00 – 6:00p Sec. 12.1 – 12.6		13.1, 13.2 Quiz 13.2		
	12.6	Cylinders and Quadric Surfaces	Mar	16	17	18	19	20
	13.1	Vector Functions and Space Curves	Wk11	13.3 Quiz 13.3		13.4 Quiz 13.4		
	13.2	Derivatives and Integrals of Vector Functions	Mar	23	24	25	26	27
	13.3	Arc Length and Curvature	Wk12		HW Due 11:59 p	Final Exam 4:00 – 6:00p		
13.4	Motion in Space: Velocity and Acceleration							

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