COURSE: Math 1C-17, CRN 38462   **QUARTER:**   Winter 2026
DAY: TuTh 1:30p – 3:45 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 <u>homework is due on <mark>Tue. March 24</mark>, 11:59 pm</u>. 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. 2:45 – 3:15 pm each meeting. **NO EXTENSION**. Absent will be counted as 0. There are 19 quizzes this quarter. 3 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 <u>percentage</u> of your final exam score <u>multiplied by 50</u> 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. <mark>Tuesday, March 24, 1:45p – 3:45 p</mark>. 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.

Text: Stewart 9th edition   **Math 1C-17 Winter 2026 Calendar**   **TuTh 1:30p – 3:45p**   **Room: S45/S44**

Chapter	SEC	PROBLEMS			Monday	Tuesday	Wednesday	Thursday	Friday
Parametric Equations AndPolar Coordinate	10.1	Curve defined by Parametric Equations	Jan		5	6	7	8	9
	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	Jan		12	13	14	15	16
						10.4		11.1	
	11.1	Sequences	Wk2			Quiz 10.4		Quiz 11.1	
	11.2	Series	Jan		19	20	21	22	23
						Exam 1 2:30 – 3:30p			
	11.3	The Integral Test and Estimates of Sums			MLK's			11.2	
	11.4	The Comparison Tests	Wk3		Birthday	Sec.10.1 – 11.1		Quiz 11.2	
Infinite Sequencs And Series	11.5	Alternating Series and Absolute Convergence	Jan		26	27	28	29	30
	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	Feb		2	3	4	5	6
	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	Feb		9	10	11	12	13
						11.10		11.10, 11.11	Lincoln's
	12.1	Three-Dimensional Coordinate Systems	Wk6			Quiz 11.10		Quiz 11.10,11	Birthday
	12.2	Vectors	Feb		16	17	18	19	20
						Exam 2 2:30 – 3:30p			
Vector And The Geometry Of Space	12.3	The Dot Product			Washington's			12.1, 12.2	
	12.4	The Cross Product	Wk7		Birthday	Sec. 11.2 – 11.11		Quiz 12.1, 2	
	12.5	Equations of Lines and Planes	Feb		23	24	25	26	27
	12.6	Cylinders and Quadric Surfaces				12.3		12.4, 12.5	last day to drop w/W
			Wk8			Quiz 12.3		Quiz 12.4	
	13.1	Vector Functions and Space Curves	Mar		2	3	4	5	6
	13.2	Derivatives and Integrals of Vector Functions				12.5, 12.6		12.6, 13.1	
Vector Functions	13.3	Arc Length and Curvature	Wk9			Quiz 12.5		Quiz12.6	
	13.4	Motion in Space: Velocity and Acceleration	Mar		9	10	11	12	13
						Exam 3 2:30 – 3:30p		13.1, 13.2	
			Wk10			Sec. 12.1 – 12.6		Quiz 13.2	
			Mar		16	17	18	19	20
						13.3		13.4	
			Wk11			Quiz 13.3		Quiz 13.4	
			Mar			Final Exam 24	25	26	27
						1:45 – 3:45p			
			Wk12			HW Due 11:59 p			

Note: Final Exam date Mar 23-24 (Monday 23 / Tuesday 24).

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