COURSE: Math 1C-27 Calculus   **QUARTER:**   Fall 2017
DAY: TuTh   **INSTRUCTOR**:   Millia Ison
TIME: 4:00 - 6:15 pm   **OFFICE PHONE**:   864-5659
EMAIL: **isonmillia@fhda.edu**   **OFFICE NUMBER**: S76e

OFFICE HOUR : M – Th: 6:20 – 7:10p
COURSE PREREQUISITES: Math 1B, or equivalent course with a grade "C" or better.
TEXT: Calculus: Early Transcendentals, by James Stewart, 7th edition.
ENROLL WEB ASSIGN : Class Key: <mark>deanza 8278 2376</mark>
EQUIPMENT: A computer is required.
SLO: 1. Graphically, analytically, numerically and verbally analyze infinite sequences and series
from the perspective of convergence, using correct notation and mathematical precision.
        2. Apply infinite sequence and series in approximating functions.
        3. Synthesize and apply vectors, polar coordinate system an parametric represnetataions in
solving problems in analytic geometry, including motion in space.

GRADING:

WebAssign ----100 points	A: 93% - 96 % , 558 - 600 pts	C+: 76% - 79 % , 456 - 479 pts
5 quizzes --------50 points	A– : 90% - 92 % , 540 - 557 pts	C: 70 % - 75 %, 420 - 455 pts
3 midterms --- 300 points	B+: 87% - 89 % , 522 - 539 pts	D: 60 % - 69 %, 360 - 419 pts
Final exam ---- 150 points	B: 83% - 86 % , 498 - 521 pts	F: 0 % - 59 %, 0 - 359 pts
Total ----------- 600 points	B–: 80% - 82 % , 480 - 497 pts	

QUIZZES: Thurdays. 10 points each quiz.
MIDTERM EXAMS: 100 points each. Dates are on the calendar next page.
                       Scheduled dates are subject to change.
FINAL EXAM: Thursday, December 14, 4:00 – 6:00p
                      Fail to take the final exam, you will receive "F" for your grade.

IMPORTANT NOTES :
        • No make-ups for quizzes. Absences are counted as 0's. your 2 lowest quiz grades will be
        dropped.
        • No make-up midterm exams. Absences are counted as 0's. For special circumstances, the
        percent of your final exam score will be replaced for the missed midterm exam.You must contact
        me before or on the day of the exam.
        • Exams and quizzes are to test your understanding of the classroom discussions and
        homework assignments. Cheating of any form on quizzes, midterm exams or final exam will be
        grounds for disciplinary action.

IMPORTANT DATES: Sunday, Oct. 8 --- Last day to drop without grade on your record.
                       Friday, Nov. 17 --- Last day to drop with a "W".

ATTENDANCE: Regular attendance is required. More than 3 absences without contact me will
result in a "W" or "F" for the class. Last day to drop class is <mark>**Friday Nov 17.**</mark> After that day, You
will receive a grade for the course.

Text: Stewart, 8th edition   MATH 1C-27   Fall 2017 Calendar   Room S45

Chapter	SEC	PROBLEMS
Parametric Equations And Polar Coordinates	10.1	Curves Defined by Parametric Equations
	10.2	Calculus with Parametric Curves
	10.3	Polar Coordinates
	10.4	Areas and Lengths in Polar Coordinates
Infinite Sequencs And Series	11.1	Sequences
	11.2	Series
	11.3	The Integral Test and Estimates of Sums
	11.4	The Comparison Tests
	11.5	Alternating Series
	11.6	Absolute Convergence & the Ratio and Root Tests
	11.7	Strategy for Testing Series
	11.8	Power Series
	11.9	Representations of Functions as Power Series
	11.10	Taylor and MacLaurin Series
	11.11	Applications of Taylor Polynomials
Vector And The Geometry Of Space	12.1	Three–Dimensional Coordinate Systems
	12.2	Vectors
	12.3	The Dot Product
	12.4	The Cross Product
	12.5	Equations of Lines and Planes
	12.6	Cylinders and Quadric Surfaces
Vector Functions	13.1	Vector Functions and Space Curves
	13.2	Derivatives and Integrals of Vector Functions
	13.3	Arc Length and Curvature
	13.4	Motion in Space: Velocity and Acceleration

	Monday	Tuesday	Wednesday	Thursday	Friday
Sept	25	26 10.1	27	28 10.2, 10.3 quiz 1	
Oct	2	3 10.4	4	5 11.1 quiz 2	Sunday 10/8 last day to drop w/no g
Oct	9	10 11.2, 11.3	11	12 Review Exam 1	
Oct	16	17 11.4, 11.5	18	19 11.6, 11.7 quiz 3	
Oct	23	24 11.8, 11.9	25	26 11.9, 11.10 uiz 4	
Oct Nov	30	31 11.11, 12.1	1	2 Review Exam 2	
Nov	6	7 12.2	8	9 12.3 quiz 5	Veterans Day Holiday
Nov	13	14 12.4, 12.5	15	21 12.5, 12.6 quiz 6	last day to drop w/W
Nov	20	21 13.1, 13.2	22	23 Thanks-giving	Thanksgiving
Nov Dec	27	28 13.3	29	30 Review Exam 3	
Dec	4	5 13.4	6	7 **Review** quiz 7	
Dec	11	12	13	14 **Final** **4 – 6p**	

All homework assignments and due dates are listed on WebAssign.

These are the least amount of exercises you need to do. If you don't master the material well afterdoing WebAssign, work with more of the similar problems in the text.