COURSE:	Math 1C - 27 Calculus	**QUARTER:**	Spring 2015
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: 11:55a-12:25p**,** 6:20 – 6:50p
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: **deanza 2183 2543**
EQUIPMENT: A graphic calculator 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: Tuesdays. 10 points each quiz.
MIDTERM EXAMS: 100 points each. Dates are on the calendar next page.
Scheduled dates are subject to change.
FINAL EXAM: Tuesday, June 23, 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, April 19 --- Last day to drop without grade on your record.
Friday, May 29 --- 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 **Friday May 29.** After that day, You will receive a grade for the course.

Text: Stewart, 7th edition **MATH 1C-27** **Spring 2015 Calendar** **Room E31**

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
	10.5	Conic Sections
	10.6	Conic Sections 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
Sph. Coord. Cylin. Coord.	15.8	Cylindrical Coordinates
	15.9	Spherical Coordinates
	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

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.

	Monday	Tuesday	Wednesday	Thursday	Friday
April	6	7 10.1, 10.2	8	9 10.2, 10.3	10
April	13	14 10.4, 10.5	15	16 10.6, 11.1 quiz 1	17 Sunday 4/19 last day to drop w/no grade
April	20	21 11.2, 11.3	22	23 Review Exam 1	24
April **May**	27	82 11.4, 11.5	29	30 11.6, 11.7 quiz 2	1
May	4	5 11.8, 11.9	6	7 11.9, 11.10 quiz 3	8
May	11	12 11.11, 12.1	13	14 Review Exam 2	15
May	18	19 12.2	20	21 12.3 quiz 4	22
May	25 Memorial Day Holiday	26 12.4, 12.5	27	28 12.5, 12.6 quiz 5	29 last day to drop w/W
June	1	2 15.7, 15.8	3	4 Review Exam 3	5
June	8	9 13.1, 13.2	10	11 13.3 quiz 6	12
June	15	16 13.4	17	18 **Review** quiz 7	19
June	22	23 **Final** **4 – 6p**	24	25	26