

COURSE: Math 1C - 25 Calculus
DAY: MW
TIME: 4:00 - 6:15 pm
EMAIL: isonmillia@fhda.edu

QUARTER: Spring 2015
INSTRUCTOR: Millia Ison
OFFICE PHONE: 864-5659
OFFICE NUMBER: S76e

OFFICE HOUR : M – Th: 11:50a-12:20p, 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 4729 7194**

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 and parametric representations 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: Mondays. 10 points each quiz.

MIDTERM EXAMS: 100 points each. Dates are on the calendar next page.
Scheduled dates are subject to change.

FINAL EXAM: Wednesday, June 24, 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.

Chapter	SEC	PROBLEMS	Monday	Tuesday	Wednesday	Thursday	Friday	
Parametric Equations And Polar Coordinates	10.1	Curves Defined by Parametric Equations Calculus with Parametric Curves Polar Coordinates Areas and Lengths in Polar Coordinates Conic Sections Conic Sections in Polar Coordinates	April	7	8	9		
	10.2		10.1, 10.2		10.2, 10.3		10	
	10.3							
	10.4		13	14	15	16	17	
	10.5		10.4, 10.5		10.6, 11.1 quiz 1		last day to drop w/no grade	
	10.6							
Infinite Sequences And Series	11.1	Sequences Series The Integral Test and Estimates of Sums The Comparison Tests Alternating Series Absolute Convergence & the Ratio and Root Tests Strategy for Testing Series Power Series Representations of Functions as Power Series Taylor and MaLaurin Series Applications of Taylor Polynomials	April	20	22	23	24	
	11.2		11.2, 11.3		Review Exam 1			
	11.3							
	11.4		27	28	29	30	1	
	11.5		11.4, 11.5		11.6, 11.7 quiz 2			
	11.6							
	11.7		4	5	6	7	8	
	11.8		11.8, 11.9		11.9, 11.10 quiz 3			
	11.9							
	11.10			11	12	13	14	15
11.11		11.11, 12.1		Review Exam 2				
Vector And The Geometry Of Space	12.1	Three-Dimensional Coordinate Systems Vectors The Dot Product The Cross Product Equations of Lines and Planes Cylinders and Quadric Surfaces	May	18	20	21	22	
	12.2		12.2		12.3 quiz 4			
	12.3							
Sph. Coord. Cylin. Coord.	12.4	Equations of Lines and Planes Cylinders and Quadric Surfaces	May	25	27	28	29	
	12.5		Memorial Day Holiday		12.4, 12.5 quiz 5		last day to drop w/W	
Vector Functions	12.6	Cylindrical Coordinates Spherical Coordinates Vector Functions and Space Curves Derivatives and Integrals of Vector Functions Arc Length and Curvature Motion in Space: Velocity and Acceleration	June	1	3	4	5	
	13.1		12.5, 12.6		15.7, 15.8 quiz 6			
	13.2			2	10	11	12	
	13.3		8	9	13.1, 13.2			
All homework assignments and due dates are listed on WebAssign.	13.4	Motion in Space: Velocity and Acceleration	June	Review Exam 3				
			15	16	17	18	19	
			13.3		13.4 quiz 7			
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.			June	22	24	25	26	
			Review	23	Final 4 – 6p			