

COURSE: Math 41-63 Precalculus
DAY: TuTh
TIME: 6:15 p – 8:45 p
EMAIL: isonmillia@fhda.edu

QUARTER: Fall 2018
INSTRUCTOR: Millia Ison
OFFICE PHONE: 864-5659
OFFICE NUMBER: S76e

OFFICE HOUR : MW: 3:00 – 3:50 pm. TuTh 12:30 – 1:20 pm

COURSE PREREQUISITES: Math 114 or equivalent course with a grade a "C" or better.

TEXT: Precalculus With Limits by Ron Larson, 3rd edition.

ENROLL WEB ASSIGN : Class code: **deanza 9954 4821**

EQUIPMENT: A graphic calculator is required.

GRADING:

WebAssign -----75 points	A: 93% - 96 % , 558 - 600 pts	C+: 76% - 79 % , 456 - 479 pts
12 quizzes -----75 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: TuTh. 5 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 13, 6:15 – 8:15 p
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 lowest quiz grade 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.
- See the other side for the homework assignment. 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. 7 --- Last day to drop without grade on your record.
Friday, Nov. 16 --- Last day to drop with a "W".

ATTENDANCE: Regular attendance is required. Frequent absences will result in a “W” or “F” for the class. The last day for you to drop the class is Nov. 16. After that day, you will receive a grade.

Chapter	SEC	Topics		Monday	Tuesday	Wednesday	Thursday	Friday
Functions and Their Graphs	1.1	Rectangular Coordinations	Sept	24	25	26	27	28
	1.2	Graphs of Equations			A5,A6		A6,1.2,	
	1.3	Linear Equations of Two Variables	Oct	1	2	3	4	5
	1.4	Functions			1.3,1.4,		1.5,1.6	
	1.5	Analyzing Graphs of Functions						
	1.6	A library of Parent Functions	Oct	8	9	10	11	12
	1.7	Transformation of Functions			1.7, 1.8		1.8, 1.9	
	1.8	Composite of Functions	Oct	15	16	17	18	19
	1.9	Inverse Functions			1.9, 1.10		Review Exam 1	
	1.10	Mathematical Modeling and Variations						
Polynomial and Rational Functions	2.1	Quadratic Functions and Models	Oct	22	23	24	25	26
	2.2	Polynomial Functions of Higher Degree			2.1, 2.2		2.2, 2.3	
	2.3	Polynomial and Synthetic Division	Oct Nov	29	30	31	1	2
	2.4	Complex Numbers			2.4, 2.5		2.5	
	2.5	Zeros of Polynomial Functions						
Exponential and Logarithmic Functions	2.6	Rational Functions	Nov	5	6	7	8	9
	2.7	Nonlinear Inequalities			2.6		Review Exam 2	
	3.1	Exponential Functions and Their Graphs	Nov	12	13	14	15	16
	3.2	Logarithmic Functions and Their Graphs			2.7		3.1, 3.2	
Topics in Analytic Geometry	3.3	Property of Logarithms	Nov	19	20	21	22	23
	3.4	Exponential and Logarithmic Equations			3.3, 3.4		Thanksgiving	Thanksgiving
	3.5	Exponential and Logarithmic Models						
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.	10.2	Introductions to Conics: Parabolas	Nov	26	27	28	29	30
	10.3	Ellipses			3.4, 3.5		Review Exam 3	
	10.4	Hyperbolas	Dec	3	4	5	6	7
					10.2,10.3		10.3, 10.4	
			Dec	10	11	12	13	14
							Final 6:15-8:15 p	

Student Learning Outcome(s):

*Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.

*Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.