

COURSE: Math 41-21 Precalculus
DAY: MW
TIME: 1:30 – 3:45 p
EMAIL: isonmillia@fhda.edu

QUARTER: Winter 2017
INSTRUCTOR: Millia Ison
OFFICE PHONE: 864-5659
OFFICE NUMBER: S76e

OFFICE HOUR : MTuWTh: 6:20 – 7:10 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 2635 8921**

EQUIPMENT: A graphic calculator is required.

- SLO:**
1. Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.
 2. Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.

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: Wednesdays. 10 points each quiz.

MIDTERM EXAMS: Wednesdays. (100 points each). Scheduled dates are subject to change.
Please see the next page calendar.

FINAL EXAM: Monday, March 27, 1:45 – 3:45 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, January 22 --- Last day to drop without grade on your record.
Friday, March 3 --- 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 March 3. After that day, you will receive a grade.

Chapter	SEC	Topics		Monday	Tuesday	Wednesday	Thursday	Friday
Functions and Their Graphs	1.1	Rectangular Coordinations	Jan	9	10	11	12	13
	1.2	Graphs of Equations		1.2		1.3, 1.4		
	1.3	Linear Equations of Two Variables						
	1.4	Functions	Jan	16	17	18	19	20
	1.5	Analyzing Graphs of Functions		MLK Bday		1.4, 1.5		
	1.6	A library of Parent Functions		Holiday		quiz 1		
	1.7	Transformation of Functions	Jan	23	24	25	26	27
	1.8	Composite of Functions		1.6, 1.7		1.8, 1.9		
	1.9	Inverse Functions				quiz 2		
	1.10	Mathematical Modeling and Variations	Jan	30	31	1	2	3
Polynomial and Rational Functions	2.1	Quadratic Functions and Models	Feb	1.9, 1.10		Review		
	2.2	Polynomial Functions of Higher Degree				Exam 1		
	2.3	Polynomial and Synthetic Division	Feb	6	7	8	9	10
	2.4	Complex Numbers		2.1, 2.2		2.2, 2.3		
	2.5	Zeros of Polynomial Functions				quiz 3		
	2.6	Rational Functions	Feb	13	14	15	16	17
	2.7	Nonlinear Inequalities		2.4, 2.5		2.5, 2.6		
Exponential and Logarithmic Functions	3.1	Exponential Functions and Their Graphs				quiz 4		
	3.2	Logarithmic Functions and Their Graphs	Feb	20	21	22	23	24
	3.3	Property of Logarithms		President's day		Review		
	3.4	Exponential and Logarithmic Equations		Holiday		Exam 2		
3.5	Exponential and Logarithmic Models	Feb	27	28	1	2	3	
Topics in Analytic Geometry	10.2	Introductions to Conics: Parabolas	Mar	2.7		3.1, 3.2		
	10.3	Ellipses				quiz 5		last day to drop w/W
	10.4	Hyperbolas	Mar	6	7	8	9	10
<p>All homework assignments and due dates are listed on WebAssign.</p> <p>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.</p>				3.2, 3.3		3.3, 3.4		
			Mar	13	14	15	16	17
			Mar	20	21	22	23	24
			Mar	10.2,10.3		10.3, 10.4		
			Mar	27	28	29	30	31
				Final				
				1:45 – 3:45 p				