COURSE:	Math 41-62 Precalculus	**QUARTER:**	Winter 2018
DAY:	MW	**INSTRUCTOR**:	Millia Ison
TIME:	6:30 – 8:45 p	**OFFICE PHONE**:	864-5659
EMAIL:	**isonmillia@fhda.edu**	**OFFICE NUMBER**:	S76e

OFFICE HOUR : TuTh: 3:50 – 5:30p
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 5061 0831
EQUIPMENT: A computer is required.

GRADING:

WebAssign ------80 points	A: 93% - 96 % , 558 - 600 pts	C+: 76% - 79 % , 456 - 479 pts
12 quizzes -------70 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: MW, 6 points each quiz.

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

FINAL EXAM: Wednesday, March 28, 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, January 21 --- Last day to drop without grade on your record.
Friday, March 2 --- 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 2. After that day, you will receive a grade.

Text: Larson 3rd edition **MATH 41-62 Winter 2018 Calendar** **Room**

Chapter	SEC	Topics
Appendix	5, 6	Solving Equation/Inequalities
Functions and Their Graphs	1.2	Graphs of Equations
	1.3	Linear Equations of Two Variables
	1.4	Functions
	1.5	Analyzing Graphs of Functions
	1.6	A library of Parent Functions
	1.7	Transformation of Functions
	1.8	Composite of Functions
	1.9	Inverse Functions
	1.10	Mathematical Modeling and Variations
Polynomial and Rational Functions	2.1	Quadratic Functions and Models
	2.2	Polynimial Functions of Higher Degree
	2.3	Polynomial and Synthetic Division
	2.4	Complex Numbers
	2.5	Zeros of Polynomial Functions
	2.6	Rational Functions
	2.7	Nonlinear Inequalities
Exponential and Logarithmic Functions	3.1	Exponential Functions and Their Graphs
	3.2	Logarithmic Functions and Their Graphs
	3.3	Property of Logarithms
	3.4	Exponential and Logarithmic Equations
	3.5	Exponential and Logarithmic Models
Topics in Analytic Geometry	10.2	Inroductions to Conics: Parabolas
	10.3	Ellipses
	10.4	Hyperbolas

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
Jan	8 A5, A6	9	10 A6, 1.2	11	12
Jan	15 MLK Bday Holiday	16	17 1.3, 1.4	18	19
Jan	22 1.5,1.6	23	24 1.7,1.8	25	26
Jan Feb	29 1.9, 1.10	30	31 Review Exam 1	1	2
Feb	5 2.1, 2.2	6	7 2.2, 2.3	8	9
Feb	12 2.4, 2.5	13	14 2.5, 2.6	15	16
Feb	19 President's day Holiday	20	21 Review Exam 2	22	23
Feb Mar	26 2.7	27	28 3.1, 3.2	29	30 last day to drop w/W
Mar	5 3.2, 3.3	6	7 3.3, 3.4	8	9
Mar	12 3.4, 3.5	13	14 Review Exam 3	15	16
Mar	19 10.2,10.3	20	21 10.3, 10.4	22	23
Mar	26	27	28 **Final** **6:15 – 8:15 p**	29	30

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.