MATH 130 **SECTION 5** **CRN 25434** **FALL 2019**

Instructor: **Dr. Zack Judson**

Office Hours: TTh 12:30-1:20pm MWF 7:30-8:20am Office: E36b

Email: judsonzack@fhda.edu
(Note: I will not answer Math questions over email)

Text: **1) INTERMEDIATE ALGEBRA, 7th Edition BY BLITZER**
2) Student Access Code to MyMathLab (Required)
3) A Scientific Calculator (i.e. TI-30XIIS)

Midterm Exams: Four exams will be given with no make-ups. If an exam is missed under extreme circumstances and for a very valid reason, an equivalent of the final score will replace the missing exam score.

Homework: Homework will be assigned on MyMathLab. No late work will be accepted.
MyMathLab **Course ID: judson07121**

Groupwork: Students will often work in groups. Often this work will be at the board. This work will largely be graded based on effort. There will be no make-up group work allowed. If you are going to miss class for any reason you must inform me by email. Be sure that your email contains the date of the absence and your reason for missing class. Emails should be sent prior to the date missed. Due to some circumstances this may not be possible and the email must then be sent at the earliest opportunity.

Final Exam: On the last Wednesday of instruction there will be an exam covering all of the applications covered during this course. This score will be combined with the two-hour comprehensive exam that will be given during the final exam time.

Grade:

Homework	20%	Midterms (4)	40%
Groupwork	10%	Final	30%

Grading Scale:

A : 93-100	B+ : 87-89	C+ : 77-79	D : 60-69	F : 0-59
A- : 90-92	B : 83-86	C : 70-76		
	B- : 80-82			

Accommodations: Those of you who need additional accommodations due to disability, campus related activities, or some other reason, please meet with me during the first two weeks of class to discuss your options.

Tentative Schedule
Math 114 Fall Quarter 2019

	Monday	Tuesday	Wednesday	Thursday	Friday
September	Introductions 23	Linear Equations 24	Linear Inequalities 25	Introduction to Models: 26 Variation	Properties of Exponents 27
September/ October	Radicals, Roots and Rational 30 Exponents	Simplifying Radicals 1	Arithmetic with Radicals 2	Graphing Equations 3	Introductions to Functions 4
October	Graphs of Functions 7	Review 8	Midterm 1 9	Linear Functions 10	Linear Models 11
October	Graphing Lines 14	Slope 15	Systems of Linear Equations 16	The Substitution Method 17	The Elimination Method 18
October	Applications of Systems 21	Applications involving % 22	Review 23	Midterm 2 24	Exponential Functions 25
October/ November	Exponential Models 28	Exponential Growth and 29 Decay	Logarithmic Functions 30	Properties of Logarithms 31	Exponential Equations 1
November	Exponential Models Revisited 4	Review 5	Midterm 3 6	Introduction to Polynomials 7	Greatest Common Factors 8
November	Veterans Day 11	Factor Quadratic Trinomials 12	Factoring Shortcuts 13	Quadratic Binomials 14	Rational Expressions 15
November	Arithmetic with Rational 18 Expressions	Solve Quadratic Equations by 19 Factoring	The Quadratic Formula 20	Applications of Quadratic 21 Equations	Graphing Quadratic 22 Functions
November	Minimums and Maximums 25	Review 26	Midterm 4 27	Thanks giving 28	Break 29
December	Review of Applications 2	Review of Applications 3	Application Final 4	Review for Final 5	Review for Final 6
December	 9	**Final 9:15-11:15** 10	 11	 12	 13

October 5: Last day to add a class
October 6: Last day to drop with no grade on record.
October 18: Last day to request Pass/No Pass grade.
November 15: Last day to drop with a "W".

Student Learning Outcome(s):

*Evaluate real-world situations by applying linear, quadratic and exponential function models appropriately.
*Distinguish between and manipulate linear, quadratic and exponential models.