Rudolf **Math D114.01Z** **Winter 2021**
Online M, W **Syllabus** **1:30 – 3:45 pm**

Required text: Intermediate Algebra, 7th Edition, Blitzer, Robert, Pearson, Boston, 2017

Calculator: A scientific calculator is required. **Have your calculator available for class every day!**

Office Hours: 1:00 – 1:25 pm (Online in Zoom) every M and W.

E-mail address: rudolfhoward@fhda.edu

Attendance: Class meets M and W from 1:30 – 3:45 pm. **You must attend on the first day of class or you will be dropped as a "no show."** You are expected to "attend" class every day. Additionally, material not discussed in the text may be covered. **Often, students who don't attend class end up dropping or flunking!**

Adding: You must add by the end of the 2nd week of class (Saturday, January 16th). After that, I will not allow you to add. If you are on the waiting list, I will send you the appropriate add code on Monday after class.

Dropping: It is your responsibility to drop the course on or before Friday, February 26th if you decide to discontinue the course. If you are on my final roster, I have to give you a grade.

If you miss an exam or the two quizzes before the drop date, it will be at my discretion to drop you.

Prerequisite: Math 212 (Elementary Algebra) with a grade of C or better, or equivalent placement.

Course content: Course topics will include a review of factoring, rational expressions, linear inequalities, systems of linear equations, rational exponents, exponential and logarithmic functions, and sequences and series.

Grading: Your grade will be based on the following:

2 quizzes	50 points
3 exams	300 points
1 final exam	150 points
	500 points

The grading scale is:

Percentages	Total Points	Grade
88 – 100	440-500	A
76 – 87	380-439	B
66 – 75	330-379	C
56 – 65	280-329	D
Below 56	<280	F

Testing: Quizzes and exams will all be taken using Canvas and will be due by 11:59 pm two days after they are posted online.

If you don't turn in the quiz or exam, you will get a zero.

You are allowed one make-up on a quiz or an exam during the quarter. ***The make-up will be due by 12:00 pm the day after it was originally due. For example, if a quiz is due by 11:59 pm on Friday night, you will have until 12:00 pm on Saturday to make it up.***

If you use your make-up privilege once and don't turn in a subsequent quiz or exam on time, you will get a zero.

The final exam will be comprehensive. **There is no make-up on the final exam.**

Notably, making up an exam or a quiz doesn't mean you can take it over if you do poorly.

All quizzes, midterms and the final are open book, but they will be timed so pay close attention to the time when you are taking the exams.

On-Line details: I will be using Canvas for distribution of the unit packets, the quizzes and the exams. These unit packets include unit outlines, handouts, and homework. Additionally, all quizzes, and exams will be taken on Canvas.

Class sessions will be held using Zoom. Notably, you do not have to have this program installed, but you do have to have internet access. I will be using this permanent Zoom class link:

https://fhda-edu.zoom.us/j/96572677269

Click on this link every class day to enter the Zoom class. Try to log in 10-15 minutes before class starts.

All lectures will be recorded, and you will be able to access the files on Canvas about 1 hour after class is done.

Testing Material:

Unit	Topic(s)	Quiz/Test #
Unit 1	Factoring Polynomials	Quiz #1
Unit 2	Rational Expressions	Quiz #2
Units 1 - 2		Exam I
Units 3	Linear Inequalities	
Unit 4	Analytical Geometry and Systems of Linear Equations	
Units 3 - 4		Exam II
Unit 5	Negative Exponents, Scientific Notation, Radicals, Rational Exponents, and Complex and Imaginary Numbers	
Unit 6	Exponential and Logarithmic Functions	
Units 5 - 6		Exam III
Unit 7	Sequences and Series	
Units 1-7		Final Exam

Testing Rules:

1) You will get 90 minutes for a quiz and 3 hours for a midterm.
2) Once you start the exam, don't stop! After the allotted time is exceed, Canvas will boot you out and the quiz or test is over.

Homework: Homework will be assigned at the beginning of each unit and can be found at the end of each unit outline packet. The answers to the text problems can be found in the back of the book. Additional problems covering material not presented in the text will be assigned as well, and the answers to these problems will be given to you.

It is highly recommended that you do the homework, as practice makes perfect. Many problems will be assigned to allow you that practice, and for that reason, the homework will be **non-collectable**.

Handouts: The unit outline packets will be available in Canvas for download. Be sure to print the handout from each unit and bring it to class.

Comments:

1) Make sure your De Anza e-mail in My Portal is current.

2) If you have any learning disabilities, please make sure you talk to me ASAP and that you provide me with all of the appropriate paperwork and I will make accommodations for you.

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
*Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.