| Rudolf | Math 114.64 | Spring 2020 |
| Online | Syllabus | 6:30 – 8:45 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: Tuesday and Thursday 5:45 – 6:15 pm online.

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Student Learning Outcomes:

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.

Attendance: Class meets every T and Th from 6:30 – 8:45 pm. You are expected to "attend" class every day. I will only take roll during the first week of class. If you miss the both days of the first week of class, per De Anza policy, you will be dropped from the class. 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, April 25). After that, I will not allow you to add. If you are on the waiting list, I will send you the appropriate add code before the first day of class.

Dropping: It is your responsibility to drop the course on or before Friday, June 05 if you decide to discontinue the course. If you are on my final roster, I have to give you a grade. If you miss a midterm 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:

3 exams	300 points
1 final exam	150 points
	450 points

The grading scale is:

Percentages	Total Points	Grade
88 – 100	396-450	A
76 – 87	342-395	B
66 – 75	297-341	C
56 – 65	252-296	D
Below 56	<252	F

Testing: You are allowed **one** "excused" absence on a day of a midterm. You will have 48 hours to make-up the exam.

If you don't turn in the make-up exam, you will get a zero.

If you use your make-up and then miss an exam subsequently, you will get a zero on that exam.

No make-up is allowed for the final exam and making up an exam doesn't mean getting to take it over again if you do poorly!

The final exam will be comprehensive. See calendar for midterms, and final exam dates.

All 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 Microsoft Education Software and Teams for lectures and exams, so you do not have to purchase any additional software. I will invite each of you to join the team before class starts and then I will notify you each class day to join the video conference for lecture.

Testing Material:

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

Testing Rules:
1) All testing will be done online.
2) You must submit all exams within the time frame allotted.

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 e-mailed to you prior to the day we start that particular unit in lecture. Be sure to print the handout from each unit and bring it to class.

<u>Comments:</u>   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.

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