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

Calculator: A scientific calculator is required. You may not use your cellphone (or any internet-connectable device) as a calculator and you may not share calculators.

Office Hours: Tuesday and Thursday 5:25 – 6:15 pm in S-43

E-mail address: hrudolf@presidiotrust.gov

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: You are expected to attend class every day. 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, October 7th). After that, I will not allow you to add.

Dropping: It is your responsibility to drop the course on or before Friday, November 17th if you decide to discontinue the course. If you are on my final roster, I have to give you a grade. If you miss two quizzes, or the first midterm before the drop date, it will be at my discretion to drop you.

Prerequisite: Math 212 (Elementary Algebra) or its equivalent with a grade of C or better, or the Math Placement Exam with qualifying score within the last calendar year

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:

6 quizzes	150 points
2 exams	200 points
1 final exam	150 points
	500 points

The grading scale is:

Percentages	Total Points	Grade
86 – 100	430-500	A
76 – 85	380-429	B
66 – 75	330-379	C
56 – 65	280-329	D
Below 56	<280	F

Testing: You are allowed **one** "excused" absence (i.e. illness, car trouble) on a day of a quiz or a midterm.

It will be your responsibility to notify me via e-mail **before** 3:00 pm the day of the next class period to make arrangements to make-up the quiz or exam and you will take the quiz during my office hours or the exam at the beginning of class. **If you don't show up to the make-up, you will get a zero and it will count as your make-up.**

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

No make-up is allowed for the final exam.

If you know in advance that you will not be here for a quiz or a midterm, I will allow you to take the test early as long as you give me 1 week advanced notice. If you take the quiz or exam early, it will not count as a make up.

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

All quizzes and midterms are closed book. A cheat sheet, 8 ½ x 11 inches, will be allowed for the final exam.

**Testing
Material:**

Unit	Topic(s)	Quiz #/Test #
Unit 1	Factoring Polynomials	Quiz #1
Unit 2	Rational Expressions	Quiz #2
Unit 3	Inequalities	Quiz #3
Units 1-3		Midterm I
Unit 4	Analytical Geometry and Systems of Linear Equations	Quiz #4
Unit 5	Scientific Notation, Radicals, Rational Exponents, and Complex and Imaginary Numbers	Quiz #5
Unit 6	Exponential and Logarithmic Functions	Quiz #6
Units 4-6		Midterm II
Unit 7	Sequences and Series	No Quiz
Units 1-7		Final Exam

Testing Rules: 1)   If you come in late for a quiz or an exam, you lose the time.
2)   A wrong answer for a problem nullifies a right answer.
3)   Scratch paper will be provided for the midterms and the final exam. You may not use scratch paper for a quiz.

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.

Electronics: Cell phones and pagers must be turned off or set for vibration only. Do not answer your phone and have a conversation in class!

If you have to take a call, then you need to leave the classroom and have the conversation far away from the classroom.

Comments: 1)   If I catch you cheating, you will be dropped from the course.

2)   Don't ever e-mail me asking me for your grade on a quiz, test, final or the class. (E-mail isn't private.)

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

4)   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.