

**Rudolf  
Room G5**

**Math 41.63  
Syllabus**

**Winter 2016  
6:30 – 8:45 pm**

**Required text:** Precalculus with Limits, 3<sup>rd</sup> Edition, Larson, Ron et.al, Brooks/Cole, Belmont, CA. 2014

**Calculator:** A graphing scientific calculator is required. (TI-84 is recommended.) You cannot share them, and you may not use a cell phone or any other device.

**Office Hours:** T, Th from 5:25 - 6:15 pm in S-43

**E-mail address:** hrudolf@presidiotrust.gov

**Attendance:** You are expected to attend class every day. Material not discussed in the text may be covered.

**Adding:** You must add by the **end** of the 2<sup>nd</sup> week of class (Saturday, January 16<sup>th</sup>). After that, I will not allow you to add.

**Dropping:** It is your responsibility to drop the course on or before Friday, February 26<sup>th</sup> if you decide to discontinue the course. **If you do not drop by that date and you are on my final roster, I will have to give you a grade.**

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

**Prerequisite:** Math 114 (Intermediate Algebra) or its equivalent with a grade of C or better, or the Math Placement Exam with a qualifying score within the last calendar year.

**Student Learning Outcomes (SLO):**

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.

**Course content:** Course topics will include four chapters of the book:

Chapter 1, Functions and Their Graphs,  
Chapter 2, Polynomial and Rational Functions,  
Chapter 3, Exponential and Logarithmic Functions  
Chapter 10, Topics in Analytical Geometry

**Grading:**

Your grade will be based on the following:

4 exams	350 points
1 final exam	<u>150 points</u>
	500 points

The grading scale is as follows:

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:**

You are allowed **one** “excused” absence (i.e. illness, car trouble) on a day of an exam.

It will be your responsibility to notify me via e-mail before 4:00 pm the day of the next class period to make arrangements to make-up the exam. You will take the exam at the beginning of the class period the day after the exam was originally scheduled. (If you don’t show up to the make-up, you will get a zero and it will count as your make-up.

**You may not use your make-up privilege for the final exam!**

If you know in advance that you will not be here for an exam, I will allow you to take the test early as long as you give me 2 class days advanced notice. If you take the exam early, it will not count as a make-up.

See the calendar for exam dates.

**All exams are closed book.** A cheat sheet, 8 ½ x 11 inches, will be allowed for the final exam. The final exam will be comprehensive.

**Testing Material:**

Chapter	Topic(s)	Exam #
Chapter 1	Sections 1.2 – 1.10	1
Chapter 2	Sections 2.1 – 2.7	2
Chapter 3	Sections 3.1 – 3.5	3
Chapter 10	Sections 10.2 – 10.4	4

- Testing Rules:**
- 1) If you come in late for an exam, you lose the time.
  - 2) A wrong answer for a problem cancels out a right answer.
  - 3) Scratch paper will be provided for the four exams and the final exam.

**Homework:** Homework will be assigned at the beginning of each chapter and can be found at the end of each 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. Many problems will be assigned to allow you to practice, and for that reason, the homework will be **noncollectable**.

**Handouts:** The chapter outline packets will be e-mailed to you prior to the day we start that particular chapter in lecture. Be sure to print it out 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 an exam, the final or the class.
  - 3) Make sure your De Anza e-mail is current.