| Rudolf | Math D031-31Z | Fall 2020 |
| Online M, W | Syllabus | 6:30 - 8:45pm |

Required text: Precalculus with Limits, 4th Edition, Larson, Ron et.al, Cengage Learning, Boston, MA. 2018

Calculator: A graphing scientific calculator is required. (TI-84 is recommended.) **Bring your calculator to class every day.**

Helper Apps: There are two mobile applications available for additional help. The programs are called CalcChat and CalcView and can be found on the App Store (for iPhone) and the Play Store (for Android phones). Both apps are free and easy to use.

Office Hours: M and W 5:45 – 6:15 pm (Online in Zoom)

E-mail address: rudolfhoward@fhda.edu

Attendance: Class meets every M and W from 6:30 – 8:45 pm. You are expected to attend class every day. Material not discussed in the text may be covered. **You must attend on the first day of class or you will be dropped as a "no show."**

Adding: You must add by the end of the 2nd week of class (Saturday, October 3rd). 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, November 13th 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 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 equivalent placement.

Course content: Course topics will include five chapters in 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
Chapter 9, 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 as follows:

Percentages	Total Points	Grade
90 – 100	450 – 500	A
80 – 89	400 – 449	B
70 – 79	350 – 399	C
60 – 69	300 – 349	D
Below 60	< 300	F

Testing: Quizzes and exams will all be taken using Canvas and will be due by midnight 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.

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 chapter outlines, handouts, homework, quizzes, and exams. You will download these materials from 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. The Zoom class link will be sent out between 5:30 – 5:45 pm, and you want to log on around 6:15 pm (or sooner if you have questions during my office hours).

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:

Quiz/Exam #	Sections Covered
Quiz #1 on Chapter 1	Sections 1.2 – 1.5
Chapter 1 Exam	Sections 1.2 – 1.10
Quiz #2 on Chapter 2	Sections 2.1 – 2.4
Chapter 2 Exam	Sections 2.1 – 2.7
Chapter 3 Exam	Sections 3.1 – 3.5
Chapter 10 (Tested on Final Exam)	Sections 10.2 – 10.4
Chapter 9 (Tested on Final Exam)	Sections 9.1 – 9.3

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 assignments will be available for each chapter and posted on Canvas. 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 **non-collectable**.

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):

* 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.