

- Required text:** Precalculus with Limits, 5th Edition, Larson, Ron et.al, Cengage Learning, Boston, MA. 2022
- 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.
- E-mail address:** rudolphoward@fhda.edu
- Attendance:** Class meets every M, T, W, and Th from 10:00 am – 12:15 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 Monday, July 10th, 2023. After that, I will not allow you to add. If you need to add, I will give you the add code on Monday after class.
- Dropping:** It is your responsibility to drop the course on or before Tuesday, August 1st 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 both quizzes 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
<u>1 final exam</u>	<u>150 points</u>
	500 points

The grading scale is as follows:

<u>Percentages</u>	<u>Total Points</u>	<u>Grade</u>
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 in class.

You are allowed one make-up on a quiz or an exam during the quarter. The make-up will be taken the following class day before class in room S-43 after the quiz or test was originally given.

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

On-Line details:

Canvas will be used for distribution of chapter outlines, handouts, and the homework. You will download these materials from Canvas.

In the event that we have to go online for class sessions, I will be using Zoom. (Notably, you do not have to have this program installed, but you do have to have internet access.) We will use the same link for class every day. 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 at least 5 minutes before class starts.

All Zoom lectures will be recorded, and you will be able to access the files on Canvas about 1 hour after class is done. These lectures will be stored on Canvas. Storage space is limited, about 2 lectures, so make sure you download them ASAP.

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 45 minutes for a quiz and 2 hours, 15 minutes for a midterm.
- 2) A wrong answer always cancels out a correct answer.
- 3) If you are late for a quiz or an exam, you lose the time.

Homework:

Homework assignments will be available for each chapter and is 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.

Office Hours: