

Required text: Precalculus with Limits, 5th Edition, Larson, Ron et.al, Cengage Learning, Boston, MA. 2018

Purchase the text ASAP.

Calculator: A graphing scientific calculator is required. (TI-84 is recommended.)

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: Monday on–line from 11:00 am – 12:00 pm using the following Zoom link:

<https://fhda-edu.zoom.us/j/96572677269>

E-mail address: rudolfhoward@fhda.edu

Attendance: The class is asynchronous so there is no attendance required. All of the lectures will be posted in Canvas for you to view.

Adding: You must add by Monday, January 19, 2026. 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, January 5th, 2026 when add codes become available.

Dropping: It is your responsibility to drop the course on or before Friday, February 27th, 2026 if you decide to discontinue the course. If you are on my final roster, I have to give you a grade.

Prerequisite: None.

Course content: Course topics will include four 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

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 using Canvas and will be due by 11:59 pm 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, and homework. You will download these materials from Canvas.

Quizzes and exams will all be taken on–line through Canvas.

Class lectures will be dictated using Zoom. Notably, you do not have to have this program installed, but you do have to have internet access.

All lectures will be recorded, and you will be able to access the files on Canvas. Lectures for the week will be posted by M or W of each week. These lectures will be stored on Canvas. (Storage space, however is limited 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

See the Lecture Schedule for quiz and exam dates.

- 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 exceeded, 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 e-mail me ASAP and that you (or Disability Student Services) 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:

M 11:00 AM - 12:00 PM

Zoom