

Instructor:	Lin Zhang Email: zhanglinlin@fhda.edu Website: https://deanza.instructure.com/
Text:	Pre-Calculus with Limits by Larson 3 rd Edition
Equipment:	Graphing Calculator (TI 83plus , ...)
Office Hours:	E37 MW 12:30 – 1:20PM or through email

1. Prerequisite:

Prerequisite: Mathematics 114 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.

2. Course Objective:

- Examine the definition of a function and investigate the implications of this concept
- Graph and analyze **polynomial, Rational, Exponential and Logarithmic** functions and solve related equations and inequalities. Also solve their applications.
- Examine the logic of conditional and bi-conditional statements as they appear in mathematical statements

3. Student Conduct:

You are expected to attend all class lectures in their entirety (Prior notification is required to leave class before it is over). A student who is disruptive will be asked to leave the class. A student who refuses to leave the room will be dropped from the class and will be reported for further action. Put your cell phones on silent before the class starts. If you need to take a call or send a text message, you may step quietly outside.

4. Academic Integrity:

Copying another student's solutions, or using unauthorized materials (notes or cellphones) during tests are considered cheating. Violation of this policy will result in the student receiving ZERO credit for the entire assignment or test.

5. Drop Policy:

Attendance is integral to your success in this course. I expect you to attend all class meetings. It is always **YOUR RESPONSIBILITY to drop** the class if you feel like you can't continue for any reason.

6. Academic Integrity:

Students are expected to complete their own work. Working with others to solve problems and independently writing up answers is fine. However, copying another student's solutions verbatim is not. Talking to other students and using unauthorized materials during tests is considered cheating. Violation of this policy will result in the student receiving no credit for the entire assignment or test. Further action may be taken depending on the circumstance. To learn more about what constitutes cheating in a classroom environment, please see the college catalog.

7. Canvas: <https://deanza.instructure.com/>

All assignments, handouts and class announcements will be posted on Canvas. I will also use Canvas to send out class email so check your inbox regularly. It is your responsibilities to check Canvas at least once a week to be current with the class.

You can login with your **campuswide ID** and password of **mmddy** (your birthday).

8. Grade:

All grades will be posted on Catalyst as soon as they become available. It is your responsibilities to check Catalyst at least once a week to monitor your grades for the class.

10 InClass (drop 1)	45 Points	A: 90-100% B: 80-89% C: 70-79% D: 60–69% F: 0-59%
10 Homework (drop 1)	72 Points	
7 Quizzes (drop 1)	60 Points	
3 Exams	300 Points	
<u>Final Exam</u>	<u>100 Points</u>	
Total	577 Points	

In-classwork:

You can only participate when you are present. Each student are allowed to drop one in-class practice at the end of the quarter. In Class Practice will be given in most days when there is no quizzes so students get a chance to practice the material learn. They are 5-point each. There is no make up so you will get zero on the days when you are absent. In-class works are done in group so please use that as a chance of learning and working with other students.

Homework:

The purpose of homework is to help you learn the course material. It is your responsibility to do the homework **on a daily basis**. All homework will be done on line paper, but submit online through CANVAS.

- Log into [CANVAS](#) and click into our class website.
- All homeworks can be found under “Assignments”
- HW 1, 2, 3 and 4 are due by Monday Oct 14th
- HW 5, 6, and 7 are due by Wednesday Nov 13th
- HW 8, 9 and 10 are due by Wednesday Dec 4th

Each homework set will be scaled to 8 points and the lowest one will be dropped.

Quizzes:

A **10-point** quiz will be given on indicated dates from class calendar. You will be allowed to reference your notes but not your textbook. If you want to make up a quiz or re-do the quiz again, see me during my office hour. You get one free pass and there will be a 2-point penalty for quiz make up after that.

Exams:

Three 100-point exams will be given with no make-ups. If you have to miss an exam under extreme circumstances, please notify the teacher at least a day in advance. You can’t drop any tests. If you miss an exam it will receive zero as the score.

Final Exam:

A two-hour comprehensive final exam will be given. A student who misses the final exam and does not contact the instructor will receive an F in the course.

9. Support Services

Students with disabilities needing reasonable accommodations should inform me in the beginning of the quarter. To begin the reasonable accommodations process, I will need to fill out a request form from the Disabilities Support Services (DSS). For more information, please visit the DSS office at SCSB 141, call (408) 864-8753 /(408) 864-8748 TTY, or go to www.deanza.edu/dss.

10. Tutoring

The Math, Science, and Technology Resource Center (**S43**) provides free individual and small group drop-in services. For more information, go to www.deanza.edu/studentsuccess/mstrc.

11. Class Calendar

Week	Month	Monday	Wednesday	Notes
1	September	23 1.1/1.2/1.3	25 1.4/1.5	
2	October	30 1.6/1.7 Q1	2 1.7	Saturday, Oct. 5th : last day to add Sunday, Oct. 6st : last day to drop with no record.
3	October	7 1.8/review Q2	9 Factoring/2.4	
4	October	14 Test 1 (1.1 -1.8)	16 2.1	Friday, Oct. 18th : last day to request P/NP.
5	October	21 2.2/2.3	23 2.5 Q3	
6	October	28 2.5/2.7	30 2.6 Q4	
7	November	4 2.6/review	6 10.3 Q5	
8	November	11 Holiday	13 Test 2 (ch 2)	Friday, Nov. 15th : last day to drop with a “W”.
9	November	18 10.4	20 10.2 Q6	
10	November	25 1.9/3.1	27 3.2/3.3 Q7	
11	December	2 3.4/3.5	4 Test 3 (ch 10, ch 3)	
12	December	9	11 Final Exam 4:00 – 6:00 PM	

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.