Instructor:	Lin Zhang **Email**: zhanglinlin@fhda.edu **Canvas**
Text:	Pre-Calculus with Limits by Larson 4th edition (WebAssign HW + ebook $60 for both Math 31 and 32) Course Key: **deanza 9262 9156** http://services.cengagebrain.com/course/site.html?id=4571882
Equipment:	**Graphing Calculator** (TI 83plus , …)
Office Hours:	MW 1:00 – 1:30PM & TTH 1:00 – 1:30PM **Zoom:** https://fhda-edu.zoom.us/j/99772424318

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 conic sections graph and properties.
- Examine sequence and series notations and calculations

3. 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.
Using unauthorized materials during tests (like searching answer online) 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.

3. Drop Policy:

 Attendance is integral to your success in this course. I expect you to attend all class meetings. Any student who misses two meetings in the first two weeks will be dropped from the class. After that, it is YOUR RESPONSIBILITY to drop the class if you feel like you can't continue for any reason.

4. 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 **mmddyy** (your birthday).

5. Support Services

Students with disabilities needing reasonable accommodations should inform me in the beginning of the quarter. For more information, please visit the DSS office www.deanza.edu/dsps/dss.

6. Zoom Sections

Link and password for lessons are on Canvas homepage. This distance education section, will livestream the class during Monday and Wednesday from 4 to 6:15PM, so that students may interact with each other and the instructor. Attending the livestream is strongly encouraged but not required.

7. Grade:

All grades will be posted on <u>Catalyst</u> 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.

18 Notes (drop 2)	32 Points	**A:** 90-100%
10 Homework (drop 1)	90 Points	**B:** 80-89%
5 Quizzes	50 Points	**C:** 70-79%
4 Exams_____	400 Points	**D**: 60–69%
Total	572 Points	**F:** 0-59%

<u>Notes:</u>

Since Zoom sections are not required, to make sure everyone is keeping up with the class, you will be required to update the corresponding notes from Monday and Wednesday by Tuesday and Thursday night 11:59PM. Each note is worth 3points.

<u>Quizzes:</u>

- A 10-point **quiz** will be given on Canvas every two weeks
- All quizzes are open notes
- There will be 10% penalty on each day for late submission, where partial day is round up to the nearest whole day. If an assignment is 10 minutes day, that's round up to 1 day late.

<u>Homework:</u>

- Homework assignments are assigned on WebAssign Course ID: **deanza 9262 9156**
- Cengage offers 14-day free access (after that is $60 for both Math 31 and 32 online HW access)
- Each homework set will be scaled to **10 points** and the <u>lowest one</u> will be dropped.
- See WebAssign for due dates of each assignment
- You get one free HW extension the whole quarter, and there is 20% penalty on late problems.

<u>Exams:</u>

- <u>Four 100-point exams</u> (including final exam) will be open during scheduled class time and days
- If you have to miss an exam under extreme circumstances, notify the teacher <u>in advance</u>.
- You can't drop any tests, and normally there will be <u>NO make up</u>. If you miss an exam its score is zero.
- Exams will be done online (Canvas with Proctorio extension installed on Google Chrome). If you need to show work on paper, you will submit your work (a PDF file) as a comment through Canvas within 15 minutes after the online portion ends. Instructor has the right to not grade late submission.

8. Tutoring

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

9. Class Calendar

Week	Month	Monday	Wednesday	Notes
1	September	21 1.4-1.5	23 1.6/1.7	
2	September	28 A.3/2.1/2.4	30 2.2/2.3	**Saturday, Oct. 3th:** last day to add **Sunday, Oct. 4st:** last day to drop with no record online.
3	October	5 2.5	7 2.7/2.6	1.8/1.9/1.10
4	October	12 7.1/7.2	14 7.3	**Friday, Oct. 16th:** last day to request P/NP online.
5	October	19 **Test 1** (1.4-1.7; 2.1 -2.7)	21 7.3/7.5	
6	October	26 9.1/9.2	28 9.3/10.3	
7	November	2 10.4	4 10.2	
8	November	9 **Test 2** (Ch 7 & Ch 9)	11 **Holiday**	**Friday, Nov. 13th:** last day to drop with a "W".
9	November	16 10.5	18 1.8-1.10	
10	November	23 3.1	25 3.2/3.3	
11	December	30 3.4/3.5	2 **Test 3** (ch 10 & ch 3)	
12	December	7 No Class	9 **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.