



**Math 31.33Z – Precalculus I**  
**Meets: TTh, 6:30 PM to 8:45 PM**  
**Online classes via Zoom**

**Fall 2023**

<b>Instructor:</b> Lilit Mazmanyanyan	
<b>Contact:</b> <a href="mailto:mazmanyanyanlilit@fhda.edu">mazmanyanyanlilit@fhda.edu</a>	<b>Office hours:</b> Friday, 3:00 – 4:00 PM, online via Zoom (check Canvas course for instructions)

This is an online class and instructional method is **synchronous**. Lectures will be delivered online via Zoom during scheduled class times. Virtual breakouts will be used for group collaboration. Instructions on how to connect Zoom lectures can be found on Canvas, which are accessible to you via **MyPortal** as you are enrolled in the course. You can also access Canvas using direct link (<https://deanza.instructure.com>) with your MyPortal login credentials. We will communicate via Canvas Inbox, discussion board, Zoom office hours, and emails. Check periodically Canvas announcements. Instructions to access Zoom for office hours can be found on our Canvas course. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: <https://deanza.instructure.com/courses/3382>. The Student Online Resources hub with extensive information and tips can be found at [deanza.edu/online-ed/students/remoteteaching](https://deanza.edu/online-ed/students/remoteteaching).

**Course Description**

This course covers polynomial, rational, exponential, and logarithmic functions, graphs, solving equations, conic sections, systems of equations and inequalities.

**Requisites**

- Prerequisite: Intermediate Algebra or equivalent (or higher), or appropriate placement beyond intermediate algebra.
- Advisory: ESL 272 and ESL 273, or ESL 472 and ESL 473, or eligibility for EWRT 1A or EWRT 1AH or ESL 5.

**Textbook**

**Precalculus with Limits** by Ron Larson, 5th Edition, Cengage 2022, bundled with **WebAssign access code**.

Homework must be completed online using WebAssign software.

You need a Class Key and Access Code for WebAssign.

- **CLASS KEY** to register on WebAssign **WILL BE SENT TO YOU BY EMAIL**.

You must self-register at <http://www.webassign.net> to use the WebAssign.

- **ACCESS CODE** can be purchased online after signing in WebAssign or through De Anza College bookstore.
- WebAssign is FREE for the first two (2) weeks of the quarter only.

Follow the link for additional information on [Cengage/WebAssign](#).

**Technology**

- A scientific calculator is required for this course.
- A TI-83 PLUS, TI-84 or TI-84 PLUS graphing calculator is optional.
- Cell phones or other devices CANNOT be used in place of a permitted calculator on any quiz or examination.
- You can use online graphing calculator for homework via website as <https://www.desmos.com>.

Weekly course lectures and assignments, and other resources, grades and announcements will be published on our Canvas course (<https://deanza.instructure.com>).

<b>Homework (HW)</b>	<ul style="list-style-type: none"> <li>• Homework must be completed online through WebAssign.</li> <li>• Each homework is due Sunday.</li> <li>• After the due date/time, HW cannot be submitted for credit.</li> <li>• Answer key is available online after the deadline.</li> <li>• The lowest homework score will be dropped.</li> </ul> <p>You can ask your HW questions during our Zoom office hours or anytime through “ask my teacher” on WebAssign or through Canvas Inbox.</p>
<b>Quizzes (Q)</b>	<ul style="list-style-type: none"> <li>• Quiz must be completed online through WebAssign.</li> <li>• There are four quizzes based on classwork and homework problems.</li> <li>• Quizzes are timed, and they are assigned on scheduled Thursday.</li> <li>• NO MAKE-UP QUIZZES are given.</li> <li>• Missed quiz is graded as a zero (0).</li> </ul> <p>The lowest quiz score will be dropped.</p>
<b>Exams &amp; Final Exam (EX, FE)</b>	<p>There will be four (4) examinations through WebAssign.</p> <ul style="list-style-type: none"> <li>• EX 1, 2 &amp; 3 are one hour each and Final exam is two (2) hours.</li> <li>• EX 1, 2 &amp; 3 and the FE dates are on the course schedule. They are assigned on scheduled Thursday.</li> <li>• It is required to submit your handwritten work details of exam on Canvas. You will have additional 15 minutes to scan or take a picture of your work and upload on Canvas.</li> <li>• Possible partial credits are available based on your work details submitted on time.</li> <li>• It is recommended to have ready one or two sheets of notes.</li> <li>• There are NO MAKE-UP examinations.</li> <li>• An absence from any examination earns a grade of zero (0).</li> <li>• You MUST take the final exam to pass the course.</li> </ul> <p>Check the announcements and follow the course schedule on Canvas and WebAssign.</p>

<b>Grading</b>	Students will be graded on homework (HW), quizzes (Q), and exams (EX1, 2 & 3, FE). Grading depends on the clarity of work, interpretations, accuracy and completeness of graphs, and explanations as well as numerical answers.					
	<b>Distribution of weights for each category</b>					
	Category		% Weight on Final Grade			
	Homework		10 %			
Quiz		10 %				
Exam 1		20 %				
Exam 2		20 %				
Exam 3		20 %				
Final Exam		20 %				
<b>Grading Scale</b>						
		A	94-100	A-	90-93	
B+	87-89	B	83-86	B-	80-82	
C+	77-79	C	70-76	D	60-69	
				F	<60	
<b>Extra Credit</b>						
During the course you will have opportunities for extra credits. There will be extra problems included in the coursework.						

### Important Dates and Deadlines

<https://www.deanza.edu/calendar>

<b>Monday</b>	<b>September 25</b>	First day of Fall Quarter 2023
<b>Saturday</b>	<b>October 8</b>	Last day to add classes
<b>Sunday</b>	<b>October 9</b>	Last day to drop classes with no record of "W"
<b>Friday</b>	<b>November 10</b>	Veterans Day holiday, no class
<b>Friday</b>	<b>November 17</b>	Last day to drop classes with a "W"
<b>Thursday-Sunday</b>	<b>November 23-26</b>	Thanksgiving holiday, no classes
<b>Thursday</b>	<b>December 14</b>	Final examination

### Online Education Center

- [Student Resource Hub](#): Visit this site for tips, guides and answers to your questions about using Canvas, Zoom and other online learning tools that your classes may be adopting.
- [Staying Organized](#): This webpage has advice for planning and staying on top of your online coursework.
- [Canvas Help](#): Need technical support with Canvas? This page has information on how to get help.
- [More Student Resources](#): Visit this page for more links and tips.

### California Virtual Campus

- [Get Ready for Online Learning](#): This website has videos about getting "tech ready," managing your time, communicating with instructors and more.

**Student services and support**

<https://www.deanza.edu/online-spring/#Services>

- Tutoring and Library Help
- Computers and Tech Products
- Internet Access
- Food and Financial Assistance
- Health and Psychological Services

**Attendance, Drops or Withdrawals**

- Regular online attendance is essential for success in the course.
- You must not miss a class in the first week of the quarter or you will be dropped.
- A student who discontinues coming to class and does not drop the course will automatically receive a 'F' grade for the course.
- It is the student's responsibility to drop or withdraw from this course by the college deadlines.

**Academic Honesty and Discipline Policy:**

Students are expected to abide by the DeAnza College Code of Conduct and not participate in academic dishonesty.

[https://www.deanza.edu/policies/academic\\_integrity.html](https://www.deanza.edu/policies/academic_integrity.html)

**Student Success Center**

<http://deanza.edu/studentsuccess/mstrc/>

Hours of online Zoom Tutoring Center are Monday to Thursday 9:00-6:00 PM and Friday 9:00 AM-12:30 PM.

The SSC provides free tutoring services such as individual, drop-in, groups, in-class and workshops.

For individual tutoring, fill out a weekly individual application:

[http://deanza.fhda.edu/studentsuccess/mstrc/weekly\\_ind.html](http://deanza.fhda.edu/studentsuccess/mstrc/weekly_ind.html)

For group tutoring, contact to Helen at [nguyenhelen@deanza.edu](mailto:nguyenhelen@deanza.edu).

**Disability Support Services**

<https://www.deanza.edu/dsps/dss/>

Students with disabilities who qualify for academic accommodations must provide a notification from the Disability Support Services (DSS) and discuss their specific needs with the instructor at the beginning of the quarter.

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) please contact Disability Support Services (DSS).

Phone number: (408) 864-8753

Email: [dss@deanza.edu](mailto:dss@deanza.edu)

**Tentative Schedule**

	Tuesday	Thursday
Week 1	September 26 <b>Syllabus/Section 1.2</b> Ch1. Functions and Their Graphs	September 28 <b>Sections 1.3 &amp; 1.4</b>
Week 2	October 3 <b>Sections 1.5 &amp; 1.6</b>	October 5 <b>Section 1.7</b> Quiz 1
Week 3	October 10 <b>Sections 1.8 &amp; 1.9</b>	October 12 <b>Section 1.10</b> Quiz 2
Week 4	October 17 <b>Sections 2.1 &amp; 2.2</b> Ch2. Polynomial and Rational Functions	October 19 <b>Section 2.3</b> <b>Exam 1 (one hour): Sections 1.2 to 2.2</b>
Week 5	October 24 <b>Sections 2.4 &amp; 2.5</b>	October 26 <b>Section 2.6</b> Quiz 3
Week 6	October 31 <b>Sections 2.7 &amp; 3.1</b> Ch3. Exponential and Logarithmic Functions	November 2 <b>Section 3.2</b> Quiz 4
Week 7	November 7 <b>Sections 3.3 &amp; 3.4</b>	November 9 <b>Section 3.5</b> <b>Exam 2 (one hour): Sections 2.3 to 3.4</b>
Week 8	November 14 <b>Sections 7.1 &amp; 7.2</b> Ch7. Systems of Equations and Inequalities	November 16 <b>Section 7.5</b> Quiz 5
Week 9	November 21 <b>Sections 9.1, 9.2 &amp; 9.3</b> Ch9. Sequences, Series, and Probability	November 23 November 23-26, Thanksgiving holiday, no classes
Week 10	November 28 <b>Section 10.1</b> Ch10. Topics in Analytic Geometry	November 30 <b>Section 10.2</b> <b>Exam 3 (one hour): Chapters 7.4 to 7.6, 8, 10.1-10.2</b>
Week 11	December 5 <b>Sections 10.3 &amp; 10.4</b>	December 7 <b>Review</b>
Week 12		December 14 <b>Final Exam (two hours): Chapters 1 to 10</b> <b>6:15 PM – 8:15 PM</b>

- Any change in schedule is announced during class. Students are responsible for keeping track of schedule changes.
- Final Exam date/time is the college mandated official final exam date/time.
- The **due dates for HW** assignments can be found on WebAssign.

Course materials (syllabus, lecture presentations, quiz/exam answer keys and additional resources) are uploaded onto *Canvas*. It is accessible to you via MyPortal as you are enrolled in the course. You can also access into Canvas using direct link (<https://deanza.instructure.com>) with your MyPortal login credentials.

**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:**

F	04:00 PM	05:00 PM	Zoom
F	05:00 PM	06:00 PM	Zoom
F	03:00 PM	04:00 PM	Zoom