



**Math 32.22 – Precalculus II**  
**Meets: TTh, 1:30 PM to 3:45 PM**  
**Room: S54**

**Fall 2022**

<b>Instructor:</b> Lilit Mazmanyman	
<b>Contact:</b> <a href="mailto:mazmanymanlilit@fhda.edu">mazmanymanlilit@fhda.edu</a>	

This class meets **on-campus** each week on scheduled days and times. Instructions to access Zoom for office hours can be found on our Canvas course, which is 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. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: <https://deanza.instructure.com/courses/3382>.

**Course Description**

Preparation for calculus: extending the elementary functions of first quarter precalculus to include the theory of periodic functions; composition of trigonometric functions with other elementary functions; polar co-ordinates; further exploration of the complex plane; introduction to the algebra of vectors.

**Requisites**

- Prerequisite: MATH 31 or MATH 31B (with a grade of C or better); or a satisfactory score on college placement.
- Advisory: EWRT 211 and READ 211, or ESL 272 and 273.

**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>
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	You can ask your HW questions during our Zoom office hours or anytime through “ask my teacher” on WebAssign or through Canvas Inbox.																																						
<b>Quizzes (Q)</b>	<ul style="list-style-type: none"> <li>• Quiz is closed book. It is based on classwork and homework.</li> <li>• There are five quizzes based on classwork and homework problems.</li> <li>• One page of notes, HANDWRITTEN, (one side 8.5 x 11-inch) is allowed.</li> <li>• NO MAKE-UP QUIZZES are given unless it is due to Covid.</li> <li>• Missed quiz is graded as a zero (0).</li> <li>• The lowest quiz score will be dropped.</li> </ul>																																						
<b>Exams &amp; Final Exam (EX,FE)</b>	<p>There will be four (4) examinations</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.</li> <li>• Exams are closed book.</li> <li>• One (1) sheet of notes (double-sided 8.5 x 11-inch), HANDWRITTEN, is allowed for the Exams 1, 2 &amp; 3.</li> <li>• Two (2) sheets of notes (double-sided 8.5 x 11-inch), HANDWRITTEN, are allowed for the Final Exam.</li> <li>• Bring graphing calculator, spare batteries, pencils, ruler, sharpener, and eraser.</li> <li>• There are NO MAKE-UP examinations unless it is due to Covid.</li> <li>• An absence from any examination earns a grade of zero (0).</li> <li>• The lowest score of exams 1, 2 &amp; 3 will be replaced by the final exam score if the latter is higher.</li> <li>• You MUST take the final exam to pass the course.</li> </ul>																																						
<b>Grading</b>	<p>Students will be graded on homework (HW), quizzes (Q), and exams (EX1, 2 &amp; 3, FE).</p> <p><b>Distribution of weights for each category</b></p> <table border="1"> <thead> <tr> <th>Category</th> <th>% Weight on Final Grade</th> </tr> </thead> <tbody> <tr> <td>Homework</td> <td>10 %</td> </tr> <tr> <td>Quiz</td> <td>10 %</td> </tr> <tr> <td>Exam 1</td> <td>20 %</td> </tr> <tr> <td>Exam 2</td> <td>20 %</td> </tr> <tr> <td>Exam 3</td> <td>20 %</td> </tr> <tr> <td>Final Exam</td> <td>20 %</td> </tr> </tbody> </table> <p><b>Grading Scale</b></p> <table border="1"> <tbody> <tr> <td></td> <td></td> <td>A</td> <td>94-100</td> <td>A-</td> <td>90-93</td> </tr> <tr> <td>B+</td> <td>87-89</td> <td>B</td> <td>83-86</td> <td>B-</td> <td>80-82</td> </tr> <tr> <td>C+</td> <td>77-79</td> <td>C</td> <td>70-76</td> <td>D</td> <td>60-69</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>F</td> <td>&lt;60</td> </tr> </tbody> </table> <p><b>Extra Credit</b></p> <p>During the course you will have opportunities for extra credits. There will be extra problems included in the coursework.</p>	Category	% Weight on Final Grade	Homework	10 %	Quiz	10 %	Exam 1	20 %	Exam 2	20 %	Exam 3	20 %	Final Exam	20 %			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
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### Important Dates and Deadlines

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

<b>Monday</b>	<b>September 26</b>	First day of Fall Quarter 2022
<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 11</b>	Veterans Day holiday, no class
<b>Friday</b>	<b>November 18</b>	Last day to drop classes with a "W"
<b>Thursday-Sunday</b>	<b>November 24-27</b>	Thanksgiving holiday, no classes
<b>Tuesday</b>	<b>December 13</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
<b>Week 1</b>	September 27 <b>Syllabus/Section 4.1</b>	September 29 <b>Section 4.2</b>
<b>Week 2</b>	October 4 <b>Section 4.3</b>	October 6 <b>Section 4.4</b> <b>Quiz 1</b>
<b>Week 3</b>	October 11 <b>Sections 4.5 &amp; 4.6</b>	October 13 <b>Section 4.7</b> <b>Quiz 2</b>
<b>Week 4</b>	October 18 <b>Section 4.8</b>	October 20 <b>Section 4.8</b> <b>Exam 1 (one hour): Chapter 4</b>
<b>Week 5</b>	October 25 <b>Section 5.1</b>	October 27 <b>Section 5.2</b> <b>Quiz 3</b>
<b>Week 6</b>	November 1 <b>Section 5.3</b>	November 3 <b>Section 5.4</b> <b>Quiz 4</b>
<b>Week 7</b>	November 8 <b>Section 5.5</b>	November 10 <b>Section 6.1</b> <b>Exam 2 (one hour): Chapter 5</b>
<b>Week 8</b>	November 15 <b>Section 6.2</b>	November 17 <b>Section 6.3</b> <b>Quiz 5</b>
<b>Week 9</b>	November 22 <b>Sections 6.4 &amp; 6.5</b>	November 24 Thanksgiving Holiday <b>No Class</b>
<b>Week 10</b>	November 29 <b>Section 6.6</b>	December 1 <b>Section 6.6</b> <b>Exam 3 (one hour): Chapter 6</b>
<b>Week 11</b>	December 6 <b>Ch. Section 10.7</b>	December 8 <b>Ch. Section 10.8 &amp; Review</b>
<b>Week 12</b>	<b>December 13</b> <b>Final Exam (two hours):</b> <b>Chapters 4, 5, 6 &amp; 10</b> <b>1:45-3:45 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):**

\* Formulate, construct, and evaluate trigonometric models to analyze periodic phenomena, identities, and geometric applications.

**Office Hours:**

Zoom	F	04:00 PM	05:00 PM
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