



**Math 42.27 – Precalculus II: Trigonometric Functions**  
**Meets: TTh, 4:00 PM to 6:15 PM**  
**Room: G7**

**Fall 2019**

<b>Instructor:</b> Lilit Mazmanyanyan	<b>Office:</b> Baldwin Winery 12
<b>Contact:</b> <a href="mailto:mazmanyanyanlilit@fhda.edu">mazmanyanyanlilit@fhda.edu</a>	<b>Office hours:</b> Thursday, 2:45 – 3:45 PM

**Course Description**

The theory of trigonometric functions and their applications.

**Prerequisites**

- MATH 41 or MATH 41H (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.
- Not open to students with credit in MATH 42H.
- Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Textbook**

*Precalculus with Limits* by Ron Larson, third edition.

**Calculators**

- A TI-83 PLUS, TI-84 or TI-84 PLUS graphing calculator is required.
- Any calculators that can do symbolic mathematics are not allowed on exams and quizzes, for example TI-89 or HP-49.
- It is the student's responsibility to obtain a calculator to use if his/her calculator is lost or broken. Library Reserve has calculators for limited loans. The instructor can NOT lend her calculator.
- Cell phones or other devices CANNOT be used in place of a permitted calculator on any quiz or examination.

<b>Homework (HW)</b>	<ul style="list-style-type: none"> <li>• Homework is done online using WebAssign</li> <li>• Students need to self-register at <a href="http://www.webassign.net">http://www.webassign.net</a> to use WebAssign software</li> <li>• <b>CLASS KEY</b> to register on WebAssign <b>WILL BE SENT TO STUDENTS BY EMAIL</b></li> <li>• The due date for each assignment can be found on WebAssign</li> <li>• After the due date/time, HW cannot be submitted for credit</li> <li>• After the due date/time, the answer key is available online</li> <li>• The lowest hw score will be dropped</li> </ul>
<b>Quizzes (Q)</b>	<ul style="list-style-type: none"> <li>• Quiz is closed book</li> <li>• It is based on classwork and homework</li> <li>• One page of notes, HANDWRITTEN, (one side 8.5 x 11-inch) is allowed</li> <li>• NO MAKE-UP QUIZZES are given</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 (1) 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>• Bring graphing calculator, spare batteries, pencils, ruler, sharpener, and eraser</li> <li>• You need scantron and #2 pencil for the Final Exam; Scantron (Green), Form #882-E</li> <li>• No cellphones or other technologies are allowed during the Exams except graphing calculator</li> </ul>

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<b>Grading</b>	<p>Students will be graded on homework (HW), quizzes (Q), and exams (EX1, 2 &amp; 3, FE). Grading depends on the clarity of work, interpretations, accuracy and completeness of graphs, and explanations as well as numerical answers.</p> <p><b>Distribution of weights for each category</b></p> <table border="1" data-bbox="428 722 1143 1003"> <thead> <tr> <th>Category</th> <th>% Weight on Final Grade</th> </tr> </thead> <tbody> <tr> <td>Homework</td> <td>15%</td> </tr> <tr> <td>Quizzes</td> <td>15%</td> </tr> <tr> <td>Class participation</td> <td>5%</td> </tr> <tr> <td>Exam 1</td> <td>15%</td> </tr> <tr> <td>Exam 2</td> <td>15%</td> </tr> <tr> <td>Exam 3</td> <td>15%</td> </tr> <tr> <td>Final Exam</td> <td>20%</td> </tr> </tbody> </table> <p><b>Grading Scale</b></p> <table border="1" data-bbox="428 1066 954 1247"> <tbody> <tr> <td>A+</td> <td>≥99</td> <td>A</td> <td>94-98</td> <td>A-</td> <td>90-93</td> </tr> <tr> <td>B+</td> <td>86-89</td> <td>B</td> <td>82-85</td> <td>B-</td> <td>78-81</td> </tr> <tr> <td>C+</td> <td>74-77</td> <td>C</td> <td>70-73</td> <td></td> <td></td> </tr> <tr> <td>D+</td> <td>64-69</td> <td>D</td> <td>58-63</td> <td>D-</td> <td>50-57</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>F</td> <td>&lt;50</td> </tr> </tbody> </table> <p><b>Extra Credit</b> During the course you will have opportunities for extra credits. There will be extra problems included in the coursework and on exams.</p>	Category	% Weight on Final Grade	Homework	15%	Quizzes	15%	Class participation	5%	Exam 1	15%	Exam 2	15%	Exam 3	15%	Final Exam	20%	A+	≥99	A	94-98	A-	90-93	B+	86-89	B	82-85	B-	78-81	C+	74-77	C	70-73			D+	64-69	D	58-63	D-	50-57					F	<50
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### Important Dates and Deadlines

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

<b>Monday</b>	<b>September 23</b>	First day of Fall Quarter 2019
<b>Saturday</b>	<b>October 5</b>	Last day to add classes
<b>Sunday</b>	<b>October 6</b>	Last day to drop classes with no record of "W"
<b>Monday</b>	<b>November 11</b>	Veteran's Day Holiday- Campus Closed
<b>Friday</b>	<b>November 15</b>	Last day to drop classes with a "W"
<b>Thurs-Sunday</b>	<b>Nov 28 – Dec 1</b>	Thanksgiving Holiday – Campus Closed
<b>Thursday</b>	<b>December 12 4:00 – 6:00PM</b>	Final examination <a href="https://www.deanza.edu/calendar/finalexams.html">https://www.deanza.edu/calendar/finalexams.html</a>

### Attendance, Drops or Withdrawals

- Regular 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 an '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.

Academic dishonesty includes:

- Copying from other students (plagiarism)
- Using notes during a quiz or examination that do not meet permitted specifications
- Continuing to write or erase on a quiz or examination after the permitted time has ended
- Using any electronic device other than the approved TI calculator on a quiz or examination
- Sharing a calculator with another student for a quiz or examination

You can find more information on academic integrity at [https://www.deanza.edu/policies/academic\\_integrity.html](https://www.deanza.edu/policies/academic_integrity.html)

**Disruptive Behavior:**

The use of cell phones and other noise emitting devices is disruptive. Students must keep their cell phones and other noise making devices in the off-mode, and keep them off the desk and out-of-sight.

Disruptive behavior includes:

- Engaging in an activity not related to the classroom activity
- Eating or drinking during class
- Monopolizing discussion time
- Late arrivals or early departure

**Tutoring**

The Math, Science and Technology Resource Center (MSTRC) is located in S43 on the De Anza Campus, (408) 864-5422. Hours of operation: Monday - Thursday 9:00 am - 5:30 pm, Friday 9:00 am - 12:00 pm. The MSTRC provides free tutoring services such as drop-in tutoring, weekly individual tutoring, and group tutoring.

*Student Success Center:* <http://deanza.edu/studentssuccess/mstrc/>

**Students with Disabilities**

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). DSS is located in Registration and Student Services Building, RSS Room 141. Phone number is (408) 864-8753; TTY (408) 864-8753. Email is [dss@fhda.edu](mailto:dss@fhda.edu).

*Disability Support Services:* <https://www.deanza.edu/dss/>

**Student Learning Outcome(s):**

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