

# SYLLABUS FOR MATH 42 -- Precalculus II

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<b>Class Time and Location</b>	MW 1:30-3:45 MLC260																
<b>Course Description</b>	The theory of trigonometric functions and their applications.																
<b>Course Text</b>	Precalculus with Limits, 3 <sup>rd</sup> edition, by Larson, published by Brooks/Cole, Cengage Learning, 2014.																
<b>Required Materials</b>	The textbook, a Scientific calculator for all assessment until and including test 1 and a graphing calculator for everything after.(TI-83 or 84 is preferred if you are buying a new calculator. If you already have a TI-82, 85, or 86, you can use that.)																
<b>Course Prerequisites</b>	Mathematics 41 (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.																
<b>Method of Instruction</b>	This class will consist of lectures and in-class discussion. There will also be board work and in-class group assignments which you are expected to participate in.																
<b>Evaluation Process (point based out of 650pt)</b>	<table><tr><td colspan="2">Final grade in this course will be determined as follows:</td></tr><tr><td>Class participation</td><td>30pts</td></tr><tr><td>Homework(3, 10pt each)</td><td>30pts</td></tr><tr><td>Quizzes (6 out of 7, 15pt each)</td><td>90pts</td></tr><tr><td>Tests (3)</td><td>300pts</td></tr><tr><td>Final Exam</td><td>200pts</td></tr></table> <p>Grading scale:</p> <table><tr><td>[598,650] :</td><td>"A"</td></tr><tr><td>[585,597] :</td><td>"A-"</td></tr></table>	Final grade in this course will be determined as follows:		Class participation	30pts	Homework(3, 10pt each)	30pts	Quizzes (6 out of 7, 15pt each)	90pts	Tests (3)	300pts	Final Exam	200pts	[598,650] :	"A"	[585,597] :	"A-"
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[572,584] :	"B+"
[533,571] :	"B"
[520,532] :	"B-"
[507,519] :	"C+"
[455,506] :	"C"
[390,454] :	"D"
Below 390 :	"F"

The top two scores in class that are above 637pts will receive A+. The student is responsible for saving all graded, returned work. There will be no discussion of grade discrepancies unless the student has a graded copy of the work in question. Please also keep a copy of all the work you turn in for your own records.

There will be Three in-class tests, each counting as 100pts. **Absolutely no makeup tests.** If you miss a test due to what I consider an emergency and you provide appropriate documentations, I will decide to either replace that test grade with half of the final grade (final is out of 200 but each test is out of 100) or I will provide you with an opportunity for a make up test. You must inform me of your emergency within 48 hours and provide me with the documentation relevant to your situation. If I don't consider your reasoning as an emergency or if you don't provide me with appropriate documentation in a timely manner, you will receive a zero for that test. Regardless, you will get zero for any other missed tests, emergency or not. No makeups for the final can be provided. The final grade cannot be dropped.

### Tests and Quizzes

There will be 7 quizzes and I only count the top 6. Quizzes will be given at any part of the class period. There are **absolutely no makeup quizzes.** A missed quiz for any reason (including coming late or leaving early) will count as a zero.

In the course schedule I have included a list of suggested homework problems from each sections. You are responsible to do at least all of the suggested problems. You should know how to do ALL of the problems. There is a direct correlation between your level of comfort with the homework problems and your success in this class.

### Homework

Grading: I will collect your homework for the sections covered in each test on the day of the test and grade them for completion during the test. Your work must contain the process and final answer for each problem. Also, **no late** work will be accepted. Random take home work can be assigned. Please keep a copy of the work you turn in for your records.

### Class Attendance and

**A student who discontinues coming to class and does not drop the course will get an F. It is the student's responsibility to drop the course.**

<b>Faculty Initiated Withdrawal Policy</b>	Attendance is mandatory. Participation counts as 30pts of your total grade. Every absence, tardiness, early departure for any reason, or in class distractions (such as cell phones or computers) could result in a loss of 5pts each time. If a student misses two classes, he or she may be dropped. However the ultimate responsibility of dropping the course lies with the student.
<b>Withdrawal Policy</b>	The withdrawal deadline for the quarter is <b>June 1<sup>st</sup>, 2018</b> . If students withdraw before this date, they will receive a "W". After this date, an "F".
<b>Academic Honesty and Discipline Policy</b>	Students are expected to abide by the college code of conduct. All work turned in is to be the student's own. Students giving or receiving help on a test or quiz will forfeit all points for that assignment or may be withdrawn from the course with a grade of "F". For take home assignments, any student turning in a work, which is strikingly similar to that of another student, will be required to schedule a conference to discuss the matter with the instructor, and any evidence of cheating will result in no points for that assignment and will be reported for further action.
<b>Important Dates</b>	Please check the <a href="#">important dates</a> for this quarter. The scheduled final is on the <a href="#">course schedule</a> .
<b>Expected Student Conduct</b>	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. During the quarter, if you have any questions about the course policies, you will be first referred to this syllabus. Please make sure you keep a copy. You can find Foothill-De Anza College Code of Conduct at <a href="http://www.deanza.edu/dsps/dish/section2/codes.html">www.deanza.edu/dsps/dish/section2/codes.html</a>
<b>Students with Disabilities</b>	Students with disabilities who qualify for academic accommodations must provide a notification from the Disability Support Services (DSS) and discuss specific needs with the instructor, preferably during the first two weeks of class. Disability Support Services determines accommodations based on appropriate documentation of disabilities. DSS is located in room RSS-141 and their phone number is (408) 864-8753
<b>Disclaimer Statement</b>	The information presented in this syllabus may be modified as required by the instructor. Students will be notified of any modifications during normally scheduled classes, and the students are responsible for the changes.

**Student Learning Outcome(s):**

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