

Course: Math 42 - **Precalculus II: Trigonometric Functions** -- CRN: 31764 Course details: MATH-042.-05

Course Details: Time: 9:30 am -> 10:20 am, Days: Mon -> Fri, Rm: S54, Winter 2019

College: De Anza College, PSME Division, Mathematics Department

Instructor: Dr. Mo Rezvani

Contact: rezvanimohamad@fhda.edu (Always start your e-mail subject line with "Math-42" and then the subject)

Office: S43 – Math Tutorial Lab

Office Hours: 10:30 am to 11:20 am

Text: **Precalculus with Limits**, By Ron Larson, Third Edition

Homework: Will be assigned, and you are responsible to do the homework. Homework will be randomly collected. Homework will not be graded/corrected.

Tests: Plan on giving 4 tests. The lowest graded test will be dropped. The tests will be 45% of your grade (15% each). Absolutely no make ups will be given. Test dates may/will change. It will be announced in class. It is your responsibility to note the date changes and be present for the tests.

Attendance: I will take random attendance. If you are late 10 minutes to the class or you leave 10 minutes early, you will be considered absent.

Midterm: Plan on giving one midterm. It is worth 25% of your grade. Absolutely no make ups will be given. Midterm date may/will change. It will be announced in class. It is your responsibility to note the date changes and be present. If you miss the midterm, the final test score will also be counted for midterm score. Midterm is a comprehensive exam.

Final: One final will be given. Absolutely no make ups will be given. If you have a conflict for final exam date with another class, you must inform me within the first 4 weeks of classes. No exceptions. Final will be 30% of your grade.

Make ups: Absolutely no make ups will be given.

Scaling/Curving: The scores you make in tests, midterm, and final mathematically decide your grade. No scaling will be done.

Cheating: Will NOT be tolerated. It will result in an "F" for that test/midterm/final and may lead to an "F" for the course.

Grades: A: 90% to 100%; B+: 87% to 89.99%; B: 83% to 86.99%; B-: 80% to 82.99%; C+: 77% to 79.99%; C: 77% to 70%; D: 60% to 70%, F: 0% to 59.99%.

Final Exam: It is student's responsibility to check and verify date and time. The date and time may change as the quarter progresses.

Drop Policy: It is the responsibility of the student to drop the class after he/she attends the first session.

Note:	<p>Tests and Midterm dates may/will change. Changes will be announced in class.</p> <p>It is your (student) responsibility to attend the classes and be up to date and current on tests and midterm dates.</p> <p>It is the student's responsibility to check and confirm the final exam date and time.</p>
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Week	Week Start Date (Monday)	Monday	Tuesday	Wednesday	Thursday	Friday
1	01/07/2019	4.1	4.1	4.2	4.2, 4.3	4.3
2	01/14/2019	4.4	4.4, 4.5	4.5	Catch Up	Test 1
3	01/21/2019	No Classes	4.6	4.6	4.7	4.7, 4.8
4	01/28/2019	4.8	5.1	5.1	Review	Test 2
5	02/04/2019	5.2	5.2	5.3	5.3	5.4
6	02/11/2019	5.4	5.5	Review	Test 3	No Class
7	02/18/2019	No Classes	5.5	6.1	6.1	6.2
8	02/25/2019	Review	Test 4	6.2	6.3	6.3
9	03/04/2019	6.4	6.4	Midterm Review	Midterm	Midterm
10	03/11/2019	6.5	6.5	10.7	10.7,10.8	10.8
11	03/18/2019	Final Review	Final review	Final Review	Final Review	Open Se
12	03/25/2019				Final Exam 9:15 to 11:05 a.m.	

It is the responsibility of the student to confirm the dates below

January 19th:: Last day to add

January 20th :: Last day to drop for a full refund or credit

January 20th :: Last day to drop classes with no record of "W"

January 21st :: MLK Jr. Holiday - Campus Closed

February 1st :: Last day to request "Pass/No Pass" for Winter quarter

February 15th-18th - President's Holiday - Campus Closed

March 1st :: Last day to drop with a "W"

March 25th-29th :: Final Exams

MATH 42 – HW Problems – Dr. Mo Rezvani – Winter 2019

Section 4.1 – All odd ones from 11 to 67 (11, 13, 14, 17,, 59, 61, 63, 65, 67)

Section 4.2 – All odd ones from 5 to 53 (5, 7, 9, 11,, 47, 49, 51, 53)

Section 4.3 – 5, 7, 11, 15, 19, 23, 26, 28, 30, 31, 35, 39, 41, 45, 47, 51, 55, 57, 61, 63, 65, 67, 69, 71

Section 4.4 – 9, 11, 13, 17, 19, 21, 23, 29, 31, 33, 35, 37, 43, 45, 49, 53, 57, 67, 69, 71, 73, 75, 81, 85, 89, 91, 93, 95, 97, 101, 103

Section 4.5 – 5 to 59 all the odd ones (5, 7, 9, 11, ..., 53, 55, 57, 59); 83, 85

Section 4.6 – 9 to 37 all the odd ones (9, 11, 13, ..., 31, 33, 35, 37) and 39, 43, 47, 57, 59

Section 4.7 – Odd numbers from 5 through 37 ; Odd ones from 43 to 75, 20, 103, 107, 109

Section 4.8 – Odd ones from 5 to 35, 43, 47, 49, 53, 55

Section 5.1 – Odd ones from 7 to 55, AND 61, 63

Section 5.2 – Odd ones from 9 to 63 AND 64

Section 5.3 – Odd ones from 5 to 51 and 59 to 69

Section 5.4 – Odd ones from 7 to 77

Section 5.5 – 7 to 59 odd ones), 61 to 72 (odd ones)

Section 6.1 – 5 to 33 (odd ones), and 18, and 45 to 53 (odd ones)

Section 6.2 – 5 to 19 (odd ones), 43 to 51 (odd ones)

Section 6.3 – 11 to 21 (odd ones), 25 to 30 (all), 31 to 65 (odd ones)

Section 6.4 – 7 to 81 (odd ones)

Section 6.5 – 5 to 103 odd (do NOT do 41, 43, and 63), 41 not included, 43 not included, 63 not included

Section 10.7 – 5 to 33 (odd), 43 to 59 (odd), 71 to 109 (odd), 117 to 125 (odd)

Section 10.8 – 7 to 45 odd

Student Learning Outcome(s):

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