

Math 42 Course Syllabus
De Anza College
Winter 2015

Instructor: Usha Ganeshalingam **Office:** S76B
Email: ganeshalingamusha@fhda.edu **Phone:** 408-864-8716

Office Hrs: M, W,Th 12:30-1:20 pm
 Tu,F 12:30-1pm

Course: Precalculus II: Trigonometric Functions; Math 42.07

Meets: M-F 9:30-10:20 am in E36.

Course Description: The theory of trigonometric functions and their applications.

Text: Precalculus with Limits; 2nd edition, by Larson.

Student Learning Outcomes:

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

Prerequisites: 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.

Calculator: A scientific calculator is required for this course. A graphing calculator is recommended, but not required. **Cell phone calculators are not allowed during quizzes or exams.**

Software: All homework will be done online using WebAssign. You will need to register at *www.webassign.net* to use this internet-based software. You will need the class key given below in order to self register.

class key: deanza 9501 1404

If you purchase the textbook in new condition through the De Anza bookstore, you will get an access code bundled with the book. You will need to enter this access code in order to use WebAssign past the two week grace period. Otherwise, you will need to purchase online access to use WebAssign which you can do through the WebAssign website with a debit or credit card.

Attendance: You are expected to attend every lecture. You may be

dropped from the class if you miss any classes during the first 2 weeks of the quarter.

Grading:

Exams	300 Points
Homework	40 Points
Quizzes	80 Points
Final	150 Points
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Total	570 Points

Grade Breakdown:

A+: 97-100%	B+:87-88%	C+: 77-78%	D: 62-66%
A: 92-96%	B: 82-86%	C: 69-76%	D-: 60-61%
A-: 89-91%	B-: 79-81%	D+: 67-68%	F: < 60%

Exams: There will be 3 in class exams. Each exam is worth 100 points. They will be closed book and closed notes. No make-ups will be allowed. In the case of a documented emergency, I will replace a missing exam score with the corresponding portion of your final grade.

Homework: Homework assignments will be submitted via WebAssign. See the course calendar for tentative due dates. All homework must be submitted by 11:59PM on the due date. There will be a total of 8 homework assignments, with each assignment worth 5 points.

Quizzes: There will be 5 in-class quizzes. Each quiz is worth 20 points. No make-ups will be allowed. In general, quizzes will be given the day after a homework assignment is due, and will cover the same material as the homework assignment. At the end of the quarter your lowest quiz score will be dropped. See the course calendar for tentative quiz dates.

Final Exam: The final exam will be comprehensive and will be given on *Thursday, March 26th* from 9:15-11:15 a.m.

Student Conduct: Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students during any exam or quiz. You may not share calculators during exams or quizzes. All electronic devices other than a calculator must be put away during quizzes and exams. Cell phone

calculators cannot be used on a quiz or an exam under any circumstances. Cell phones must be put away during the entire time that an exam or quiz is being taken. An exam or quiz grade of a zero may be given for any of the above infractions. Any student found cheating will be reported to the college, division dean and will not be allowed to retake that exam or quiz.

Important Dates:

- The last day to add classes is Saturday, January 17th.
- The last day to drop for a full refund is Sunday, January 18th.
- The last day to drop classes with no record of a grade is Monday, January 19th.
- The last day to drop with a "W" is Friday, February 27th.

Wk	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	4-Jan	5-Jan Introduction	6-Jan 4.1	7-Jan 4.1	8-Jan 4.2	9-Jan 4.2	10-Jan
2	11-Jan HW 1 due	12-Jan Quiz 1 (4.1-4.2)	13-Jan 4.3	14-Jan 4.3	15-Jan 4.4	16-Jan 4.4	17-Jan
3	18-Jan	19-Jan Martin Luther King's Birthday No Classes HW 2 due	20-Jan Quiz 2 (4.3-4.4)	21-Jan 4.5	22-Jan 4.5	23-Jan 4.6	24-Jan
4	25-Jan	26-Jan 4.6	27-Jan 4.7	28-Jan 4.8	29-Jan 4.8	30-Jan Catch Up/Review	31-Jan
5	1-Feb HW 3 due	2-Feb Exam 1(4.1-4.8)	3-Feb 5.1	4-Feb 5.1	5-Feb 5.2	6-Feb 5.2	7-Feb
6	8-Feb HW 4 due	9-Feb Quiz 3 (5.1-5.2)	10-Feb 5.3	11-Feb 5.3	12-Feb 5.4	13-Feb Abraham Lincoln's Birthday No Classes	14-Feb
7	15-Feb	16-Feb George Washington's Birthday No Classes	17-Feb 5.4	18-Feb 5.5	19-Feb 5.5	20-Feb Catch Up/ Review	21-Feb
8	22-Feb HW 5 due	23-Feb Exam 2 (5.1-5.5)	24-Feb 6.1	25-Feb 6.1	26-Feb 6.1	27-Feb 6.2	28-Feb
9	1-Mar	2-Mar 6.2	3-Mar 6.2	4-Mar 10.7 HW 6 due	5-Mar Quiz 4 (6.1-6.2)	6-Mar 10.7	7-Mar
10	8-Mar	9-Mar 2.4	10-Mar 2.4	11-Mar 6.5 HW 7 due	12-Mar Quiz 5 (10.7,2.4)	13-Mar 6.5	14-Mar
11	15-Mar	16-Mar 6.5	17-Mar 6.5	18-Mar Catch Up/ Review HW 8 due	19-Mar Exam 3 (6.1-6.2,10.7,2.4,6.5)	20-Mar Final Review	21-Mar
12	22-Mar	23-Mar Final Review Last Day of Classes	24-Mar	25-Mar	26-Mar Final Exam 9:15-11:15am	27-Mar	28-Mar