Math 42 Course Syllabus
De Anza College
Spring 2015

Instructor: Usha Ganeshalingam   **Office:** S76B
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Office Hrs: M,Th 12:30-1:20 pm
              Tu,F 12:30-1pm

Course: Precalculus II: Trigonometric Functions; Math 42.03

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

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

Text: <u>Precalculus with Limits</u>; 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 9762 1407

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	50 Points
Quizzes	100 Points
Final	150 Points
Total	**600 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 WebAsign. 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 10 homework assignments, with each assignment worth 5 points.

Quizzes: There will be 7 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 two lowest quiz scores will be dropped. See the course calendar for tentative quiz dates.

Final Exam: The final exam will be comprehensive and will be given on *Wednesday, June 24th* 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, April 18th.
- The last day to drop for a full refund is Sunday, April 19th.
- The last day to drop classes with no record of a grade is Sunday, April 19th.
- The last day to drop with a "W" is Friday, May 29th.

Wk	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
1	5-Apr	6-Apr *Introductions* *4.1*	7-Apr *4.1*	8-Apr *4.1/4.2*	9-Apr *4.2*	10-Apr *4.2*
2	12-Apr **HW 1 due**	13-Apr *4.3* ***Quiz 1(4.1-4.2)***	14-Apr *4.3*	15-Apr *4.3*	16-Apr *4.4*	17-Apr *4.4*
3	19-Apr **HW 2 due**	20-Apr *4.5* ***Quiz 2(4.3-4.4)***	21-Apr *4.5*	22-Apr *4.5*	23-Apr *4.6*	24-Apr *4.6*
4	26-Apr **HW 3 due**	27-Apr *4.7* ***Quiz 3(4.5-4.6)***	28-Apr *4.7*	29-Apr *4.7/4.8*	30-Apr *4.8*	1-May *Catch Up/Review*
5	3-May **HW 4 due**	4-May ***Exam 1(4.1-4.8)***	5-May *5.1*	6-May *5.1*	7-May *5.2*	8-May *5.2*
6	10-May **HW 5 due**	11-May *5.3* ***Quiz 4(5.1-5.2)***	12-May *5.3*	13-May *5.3*	14-May *5.4*	15-May *5.4*
7	17-May **HW 6 due**	18-May *5.5* ***Quiz 5(5.3-5.4)***	19-May *5.5*	20-May *5.5*	21-May *Catch Up/Review* **HW 7 due**	22-May ***Exam 2(5.1-5.5)***
8	24-May	25-May ***Memorial Day*** ***No Classes***	26-May *6.1*	27-May *6.1*	28-May *6.1*	29-May *6.2*
9	31-May	1-Jun *6.2*	2-Jun *6.2*	3-Jun *10.7* **HW 8 due**	4-Jun *10.7* ***Quiz 6(6.1-6.2)***	5-Jun
10	7-Jun	8-Jun *10.7*	9-Jun *2.4*	10-Jun *6.5* **HW 9 due**	11-Jun ***Quiz 7(10.7,2.4)***	12-Jun *6.5*
11	14-Jun	15-Jun *6.5*	16-Jun *6.5*	17-Jun *Catch up/Review* **HW 10 due**	18-Jun ***Exam 3(6.1-6.2,10.7,2.4,6.5)***	19-Jun *Final Review*
12	21-Jun	22-Jun *Final Review*	23-Jun	24-Jun ***Final Exam*** ***9:15-11:15 am***	25-Jun	26-Jun