



De Anza College	Fall 2015 Syllabus
MATH 42-09- Precalculus II: Trigonometric Functions	CRN 20341
Location: MLC 109, MTWThF 11:30 AM-12:20 PM	5 units

Instructor: Nahrin Rashid

Office hour: Wednesday 1:30 – 3:30 PM

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Office: E37

Prerequisite: 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.

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

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

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

Software: All homework will be one 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 by me. 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.

Time Management: You should expect to spend at least 2 hours outside of the classroom for every 1 hour inside the classroom. This time outside of the classroom may include homework, reviewing notes, studying, and attending office hours. If you want to be successful in this class you will need to put time and effort into it.

General Classroom Procedures and Rules:

- You must log on and register for the course in Webassign by Monday, September 28, 2015. Failure to do so may result in your being dropped from the class.
- Please show courtesy for me and your fellow classmates by turning off and putting away you cell phone during class time, especially during exams.
- Be courteous and respectful of your fellow students, and courteous to me. If a student disrupts the class often during the quarter, the instructor reserves the right to DROP the student from the course.
- Do not cheat. If you have a question during a test, you are only allowed to talk to the instructor. Anyone caught cheating on an exam will receive an automatic 0 and be reported to the Dean of the PSME Division. You can be expelled from the class (and possibly from De Anza College) with a grade of F if you are caught cheating.
- If you have any type of learning disability, please let me know during the first week of classes so that special arrangements can be made, if necessary.

Course Requirements:



- 1. Attendance** – Students are expected to attend every class meeting. Make sure you sign the attendance roster at each class meeting. If you miss a day, it is solely your responsibility to seek out another student or myself to find out what you missed. You cannot expect to do well in the class if you fail to attend lectures.
- 2. Homework** – Homework will be assigned every class meeting online and will have a due date. All homework must be submitted by 11:59PM on the due date. You must set up an account by Monday, September 28, 2015 or you will be dropped from the class. If you have a homework problem you were not able to complete, you have the next class session to ask by putting the problem on the board. These will be the first topic of each day and we will reserve the first 5-10 minutes of class for these. At the end of the quarter your lowest homework score will be dropped. Homework will count for 13% of your term grade.
- 3. Quizzes** – There will be a quiz every week. Each quiz will be assigned online intermittently throughout the term to test your skills on the concepts we are covering in class and online. **NO** make-ups quiz will be given. To compensate for this, I will drop your lowest quiz score. These quizzes will count for 12% of your term grade.
- 4. Tests** – There will be 3 in class exams during the quarter. No notes will be allowed on any exams. These exams will be completed in class and will contain the materials covered in the lectures, online, and in the book. If you are unable to take an exam for any reason, **a makeup exam will not be given**. These exams will count for 50% of your term grade.
- 5. Final Examination** – If you do not take the final exam, you **WILL NOT** receive a passing grade. There will be a comprehensive final examination on **Monday, December 7 from 11:30 a.m. - 1:30 p.m.** This test will count for 25% of your term grade.

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%

Important Dates:

- The last day to add classes is Saturday, October 3
- The last day to drop for a full refund no record of grade is Sunday, October 4.
- The last day to request pass/no pass grade is Friday, October 16.
- The last day to drop with a “W” is Friday, November 13.

Student Learning Outcome:

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



Math 42 Tentative Schedule

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	September 21 Introduction Section 4.1	September 22 Section 4.1	September 23 Section 4.2	September 24 Section 4.2	September 25 Section 4.2
2	September 28 Section 4.3	September 29 Section 4.3	September 30 Section 4.3	October 1 Section 4.4	October 2 Section 4.4
3	October 5 Section 4.5	October 6 Section 4.5	October 7 Section 4.5	October 8 Section 4.6	October 9 Section 4.6
4	October 12 Section 4.7	October 13 Section 4.7	October 14 Section 4.8	October 15 Section 4.8	October 16 Review
5	October 19 Exam 1 (4.1-4.8)	October 20 Section 5.1	October 21 Section 5.1	October 22 Section 5.2	October 23 Section 5.2
6	October 26 Section 5.3	October 27 Section 5.3	October 28 Section 5.3	October 29 Section 5.4	October 30 Section 5.4
7	November 2 Section 5.5	November 3 Section 5.5	November 4 Section 5.5	November 5 Review	November 6 Exam 2 (5.1-5.5)
8	November 9 Veterans Day No Class	November 10 Section 6.1	November 11 Section 6.1	November 12 Section 6.1	November 13 Section 6.2
9	November 16 Section 6.2	November 17 Section 6.2	November 18 Section 10.7	November 19 Section 10.7	November 20 Section 10.7
10	November 23 Section 2.4	November 24 Section 6.5	November 25 Section 6.5	November 26 Thanksgiving No class	November 27 Thanksgiving No class
11	November 30 Section 6.5	December 1 Review	December 2 Exam 3 (6.1-6.2, 10.7, 2.4, 6.5)	December 3 Final Review	December 4 Final Review
12	December 7 Final Exam 11:30 am to 1:30 pm	December 8	December 9	December 10	December 11