

Math 51.-09 and Math 251.-11: Academic Excellence in Trigonometry

Fall 2008

De Anza College

Instructor: Doli Bambhania.

Class meetings: Monday through Thursday 11:30 – 1:20

Office: S-43a.

Office hours: Monday and Wednesday 1:30 – 2:30; Tuesday and Thursday 10:50 – 11:20 and 5:15 – 5:45.

Contact information:

- e-mail: bambhaniadoli@fhda.edu

- phone: (408) 864-5382

Prerequisite: Qualifying score on the Intermediate Algebra Placement Test within the past calendar year; or a grade of C or better in Mathematics 114 or equivalent.

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

Textbook: Smith, Karl. Essentials of Trigonometry, 4th edition. Thomson Brooks/Cole. 2006.

Calculator: A graphing calculator is required for this course. DA Math department recommends a TI-86 or TI-83 Plus.

Attendance: In any math class, attendance is extremely important! This is especially true for this class, as most material you see will be new to you. You are expected to come to all of the class meetings on time and prepared (with your textbook, notes, calculator and other course materials). Absences and tardies (or leaving early) will be recorded with tardies counting as half an absence. Any student that has accumulated the equivalent of **five absences** is subject to be dropped from the class.

If you do miss a class, it is YOUR responsibility to find out what you missed. If you do stop attending, it is YOUR responsibility to drop yourself from the course. If you fail to do so, you will receive an 'F' in the course. I can not give 'W's after the deadline per new Admissions policies.

IMPORTANT: All electronic devices such as cell phones, headphones, etc. must be turned off during class!

Homework Assignments: You will be assigned homework almost every day, which is due at the **next** class meeting. Late homework will not be accepted for any reason. If you are going to be absent, you will need to you're your HW in with a friend or email it to me on time. **Lowest three** HW scores will be dropped.

Quizzes: We will have many quizzes throughout the quarter. **IMPORTANT:** There will be NO MAKEUPS for the quizzes. **Lowest quiz score** will be dropped. No notes are allowed on quizzes. Calculator will be allowed on some of the quizzes.

Exams: We will have 3 midterm exams. The midterm dates on your calendar. You will also have a cumulative final exam, which will take place on **Wednesday, December 10th** in our classroom, 11:30am – 1:30pm. There will be **NO MAKEUPS** for any of the exams. If you miss a midterm exam, the percentage equivalent of your final exam score will replace your score for that midterm. If your final exam percentage score is higher than the score of your lowest midterm, the lower midterm score will be replaced. If you miss two midterms, you will receive an 'F' in the course. Please note that you **must** take the final exam in order to pass the class. If you cannot make it to the final exam, drop this class NOW, as final exam cannot be rescheduled*.

*In case of an unforeseen emergency or illness due to which you cannot take the final exam, you will be eligible for an 'Incomplete' in the class, provided that you supply me with a sufficient proof.

Evaluation: Your final percentage will be computed as follows:

Homework & Activities	15%
Projects and Special Assignments	10%
Quizzes	15%
Midterm 1	15%
Midterm 2	15%
Midterm 3	15%
Final Exam	15%

Your overall grade will be computed as follows.

Overall percentage	Your grade will be at least
97 % or greater	A+
91 - 97%	A
89 - 91 %	A-
87 - 89 %	B+
81 - 87 %	B
79 - 81 %	B-
77 - 79 %	C+
70 - 77 %	C
55 - 70 %	D
less than 55%	F

Help: There is help available to you throughout the term. You are welcome to come to my office hours. If you cannot make it or need help on other days, all you have to do is e-mail me and I'll make my best effort to meet you at your convenience. Also I can answer many questions you may have over e-mail. If you choose to do this, please remember to write down the question completely, tell me briefly what you have tried and what your specific question is. If you choose to email me, please keep in mind that I will not be able to discuss anything of confidential nature over email.

For additional help, remember the Tutorial Center (<http://www.deanza.edu/tutorial/>). The tutorial center is staffed with people highly qualified to help you in many subjects. Additionally, we will have group tutoring specific to this class available.

Academic Integrity: All students in this class are expected to exercise academic integrity throughout the quarter. Any instances of cheating or plagiarism will result in disciplinary action, which may include recommendation for dismissal. You are encouraged to work together on homework but simply copying down answers from another student's homework is not only wrong, but will be of no help to you on the quizzes and exams. Cheating on a quiz or an exam will result in getting a 0 on it, an 'F' in the course or dismissal from the class. Also, each incident of cheating will be reported to the Dean of the Physical Science, Mathematics and Engineering Division.

Disability Notice: If you feel that you may need an accommodation based on the impact of a disability, you should contact me privately to discuss your specific needs. Also, please contact Disability Support Services (864-8753) or Educational Diagnostic Center (864-8838) for information or questions about eligibility, services and accommodations for physical (DSS), psychological (DSS) or learning (EDC) disabilities.

Some study suggestions:

1. To succeed in any math class you must **do the homework diligently**. If you do not understand a homework problem, do not simply look up the answer in the back of the book and work backwards. Plan on spending at least 10 hours per week outside of class on this course. Make a weekly timetable in which you allot hours for studying math and doing homework. **Don't forget: You learn math by doing it yourself repeatedly!**
2. Attend the workshops in the Tutorial Center offered specifically for this class regularly. See me for details.
3. Begin work on the homework as soon after the lecture as possible to ensure that the material is still fresh.
4. **Form a small study group**. Exchange phone numbers with at least 2 or 3 people in the class. This will help if you miss a class, or if you want to work with your classmates on homework or while studying for an exam.
5. **Read the textbook!** Attending lectures is very important, but not enough to give you a complete grasp of the material. No teacher can cover all details of a concept in class, but these details can be found in the book.
6. **Review your notes** before and after class to see if you have questions or comments about something in lecture, and also before class, to ask any timely questions in class.