

**COURSE:** Math 51-09: Trigonometry 11:30 – 12:20 a.m. M-F

Room E25

**INSTRUCTOR:** Bambi Moise**VOICE MAIL:** (408) 864-8999 ext. 3341**OFFICE HRS:** MW 8:45 -9:15 p.m., Room S43c,**TEXT:** *Trigonometry 9th* by Lial, Hornsby and Schneider**EQUIPMENT:** TI 83+ or TI84 or TI84+ Graphing calculator, 3 x 5 cards, graph paper, sharp pencil, eraser and ruler.(NOTE: **All work is to be done in pencil, not pen.**)**NOTE:** Graphing on the TI83+ and TI 84 will be covered in class. If you already have another calculator, which you know how to use, you may use it, but other calculators will not be covered in class.**ATTENDANCE:** You are expected to be in class on time daily and you are expected to remain in class until dismissed. **If you miss class in the first week, I will drop you from the class** to make room for wait list students. However, after **Fri. Jan. 9, I will not drop anyone for any reason;** if you want to drop, you must do so officially yourself on or before **Sat., Feb. 28; IF YOU JUST STOP COMING TO CLASS YOU WILL RECEIVE AN F COURSE!**

Every absence after the first 5 will result in the deduction of 1 percentage point from your final grade in the class. Two tardies/early departures count as one absence.

**TIME ALLOTMENT:** To get a **C** in this class, you should expect to spend a **minimum of 10 hours weekly** outside of class. Many of you may need more than 10 hrs a week to pass.**TIME ALLOTMENT:** To get a **C** in this class, you should expect to spend a **minimum of 10 hours weekly** outside of class, not including Paul's study groups (see other side). Many of you may need more than 10 hrs a week to pass this class. Mastery of the material should determine how much time you spend, not the clock.**HOMEWORK:** Reading each section before class helps you understand the lecture.First work through the **odd problems** (check answers in back of book for correctness as you go). At the end of the odd problems, work through the assigned even problems.

- HW is due at the beginning of class following the completion of the section in class whether or not I remind you. However, HW may or may not be collected every day.
- I will answer questions about odd problems only in class the day they are due.
- Each section of HW will be graded as follows: 6 points for attempting all odd problems (work must be shown for credit) and 2 even problems will be graded worth 2 pts each. Points may be deducted for sloppiness and/or incorrect format (see below). .  
The percentage of HW points you earn out of the total possible will count as a 100 pt. hour exam when determining your final grade.
- **LATE HW:** Each student will be allowed to turn in 3 late HW sections. The late assignment must be turned in before the exam covering the material on the assignment.
- You will receive 1 pt. extra credit for each assignment which is handed in on **reused** 8<sup>1</sup>/<sub>2</sub>" x 11" paper.
- Occasionally I may assign additional HW not on the schedule.

**HW FORMAT**

Write your name in upper right corner of top page.

Work must be done in pencil and if you use new paper, **use both sides.**

Problems should be worked in one or two vertical columns (not across).

Number each problem clearly in left column and indent work so that problems can be easily found.

Separate each problem from the previous problem with a space (don't crowd your work!).

Circle your answers and be sure to include correct units where appropriate.

Graphs must be done on graph paper. (You may attach small pieces of graph paper to your re-used paper.)

Problems and sections **must be stapled in order before coming** to class. Keep each section separate!**SHOW ALL WORK NEATLY AND CLEARLY FOR FULL CREDIT****CLASSWORK:** You are required to participate in all classwork. Classwork may be collected and if graded, points will be added to your HW grade. There may be an occasional quiz. Quizzes will count as HW if they are collected.**EXAMS:** There will be a total of five 100 pt. exams (see calendar for tentative schedule). There will be **no exam makeups under any circumstances** for the first 5 exams, however I will drop your lowest grade (see FINAL GRADES.)

Four points on each exam will be earned by making 24 flash cards (6 cards per point) on 3x5 cards for the sections covered on the exam. They will be graded by correct section, format and number of cards. Cards will be collected on the day of each exam and must be contained (I will not accept loose cards).

**NOTE: FLASH CARDS ARE NOT NOTES ON CARDS.** Notes on cards will receive no credit.

**FLASH CARD FORMAT:**

Each card will contain only one concept.

**FRONT SIDE:** In the upper right corner write the chapter & section in which the concept appears (such as 4.4 or B.2) . In the center write the word or concept to be learned or a question

**BACK:** Write an explanation and give an example.

**Paul's STUDY GROUPS:** Paul Edwards will conduct study groups for this class which meet twice a week. In addition to getting extra help, you will earn 1 point to your total accumulation of points for the quarter for each session that you attend (3% to your final grade). You must attend a minimum of 5 sessions (5 points) to receive credit.

**FINAL EXAM:** The final exam is worth two 100pt. exams. It will be a comprehensive exam. Only under extreme circumstances, and with documentation, will a makeup final be given.

**FINAL GRADES:** Your final grade will be a percentage of points earned out of a total of 700 points. There are 5 hour exams, 1 HW score and the final exam will count as 2 hour exam scores, totaling 800 points. I will drop your lowest 100 pt. score leaving a possible total of 700 points. If your final is your lowest grade, it will count as 1 rather than 2 exams. Your study group points will be added to this total. Your final grade will be a straight percentage of points earned divided by 700.

The following is the letter grade scale I will use:

|              |             |             |             |               |
|--------------|-------------|-------------|-------------|---------------|
| A+ = 98-100% | B+ = 88-89% | C+ = 78-79% | D+ = 68-69% | F = below 55% |
| A = 92-97    | B = 82-87   | C = 70 - 77 | D = 60-67%  |               |
| A- = 90-91   | B- =80-81   | C- (none)   | D- = 55-59% |               |

I will not keep a running tab of your grade; that is your job. Keep all your work and record your points on a separate sheet of paper. If you need help, I would be happy to help you in my office hours.

**INCOMPLETES:** I do not give incompletes nor do I sign petitions after the last day to drop except for well-documented emergencies. So if you plan to drop the class, do not wait until it is too late!

**RECOMMENDATIONS for GETTING HELP:**

- If you are having difficulties, COME TO MY OFFICE HOURS. This is why I have office hours.
- There is a **FREE** tutorial center for math students in S43. If you come in early in the quarter, you can schedule a regular weekly session. Otherwise there is always a drop-in tutor available but you may have to wait your turn.
- Join the organized study groups or form your own study groups; working in group is more fun, less frustrating and has been shown in study after study to be the most successful approach to learning math for every level of competency.
- Trade phone numbers and/or e-mail addresses with several people in class. You are responsible for all assignments on time even if you are absent.

**WARNINGS:**

- You are responsible for what goes on in class whether you are in class or absent so get phone numbers of classmates in case you are absent since I may not be able to get back to you in time to get work done.
- ***You will not get full credit on any work for answers alone! YOU MUST SHOW YOUR WORK!***
- **If I can't read your work, it's wrong!**
- **Pagers, cell phones and all other communication devices MUST BE TURNED OFF** in class. If I find you using any such device during any exam, you will receive a zero on the exam.
- **NO FOOD OR OPEN DRINKS (other than water) ARE ALLOWED IN THE CLASSROOM.**
- **CHEATING IS FORBIDDEN AND WILL RESULT IN FAILURE! This includes all active participants whether receiving or giving information.**
- Disruptive behavior will not be tolerated and may result in immediate suspension from class.

