

CU-Denver Math 1120-003
College Trigonometry
Spring 2008
Tuesday & Thursday 8:30 - 9:45, Room NC 1326

Instructor: Burt Simon

Contact: burt.simon@cudenver.edu, 303-556-8444

Office: room 612 UCD Building

Office Hours: Tuesday & Thursday 1:00-3:00, Wednesday by appointment

Prerequisites: A good understanding of advanced algebra, including the characteristics of the elementary functions and solutions to equations, is required to successfully complete a college trigonometry course.

Required Text: Algebra and Trigonometry (4th edition) by Sullivan and Sullivan (chapters 6-11).

Graphing Calculator: A graphing calculator, like the TI-83/84, is highly recommended. It will be useful in class, while doing homework, and (possibly) on the exams.

(Tentative) Exam Schedule:

- Exam #1: Thursday, 2/21
- Exam #2: Thursday, 3/20
- Exam #3: Thursday, 4/24
- Final Exam: Saturday, 5/10

Homework Policy: Homework will be assigned every week on Tuesday and will be due the following Tuesday. I will usually assign about 10 problems to be turned in. Homeworks are worth 20 points each. The full 20 points will be awarded as long as you seriously attempt each problem.

In addition, each problem will have a “point value” used for “bonus points”. Each student can choose a single problem to be graded for extra credit. The best strategy for the student is to choose the hardest problem

(highest point value) that he/she is confident of. Although partial credit will be awarded partially correct solutions, more points will be awarded for (say) a 5 point problem done correctly than a 10 point problem done incorrectly. Students must make it absolutely clear which problem they want graded. I will not choose for them!

Trig Application Problems: Four problems will be assigned during the semester that are extensions of the homework assignments. These problems may require a graphing calculator.

Grading: The three midterm exams will be worth 100 points each, the final exam will be worth 150, the homework sets will be worth (approximately) 300 points, and the four trig application problems will be worth 10 points each. The grades will be curved; but if you get more than 92% of the total you are guaranteed an A, more than 82% guarantees a B, and more than 72% guarantees a C.

Course Policies: Late assignments will not be accepted except in very special cases. My policy on cheating and other unethical behavior will conform with university policies.