Syllabus for Math 103

Course Information

Math 103: Trigonometry (2 credits)
Meeting Times: Tuesday/Thursday, 11-11:50am, 12-12:50pm
Room: Snow 454
Homepage: math.ku.edu/~asteyer/math103
Course Prerequisites: Math 101 or a score of 26 or higher on the ACT

Instructor

GTA: Andrew J. Steyer
Office: 560 Snow Hall
email: asteyer@math.ku.edu (best way to contact me)
Phone: (786) 864-3909
Office Hours: 1-3pm Monday, 11am-12pm Wednesday, by appointment

Course Outline

I plan to cover the following topics:

Functions and Graphs (Chapter 1 in Sullivan)
Trigonometric Functions (Chapter 2)
Analytic Trigonometry (Chapter 3)
Some Applications of Trigonometric Functions (Chapter 4, Sections 1-3)
Polar Coordinates and Equations (Chapter 5, Sections 1-3)

Grading

Grades will be assigned according to the standard A-F scale with +/- . There will not be a "curve" unless explicitly stated otherwise. There are 1000 points obtainable. The points are distributed as follows:

Weekly Homework (200 points)
Quizzes/Participation (100 points)
3 In-class Exams (450 points, 150 points per exam)
Final (250 points)

Homework

Homeworks will be assigned most Thursdays and will be due the following Thursday, 7 days later. Every assignment is graded out of 10 points with 5 points for correct answers and 5 points for showing work. Not necessarily all homework problems will be graded. At the end of the semester the lowest 2 homework scores will be dropped and the remaining homework scores will be averaged to give your total out of 250 points. Late homework will not be accepted except in the case of documented medical or family emergency. Homework that is not stapled together will not be accepted. You are allowed and encouraged to work on homework with your fellow classmates, however, you are expected to write up your own solutions. Please write the names of your collaborators on your assignment below your own name.

Quizzes/Participation

There will be short (approximately 10 minute) in-class quizzes periodically throughout the semester. These quizzes and your participation in class in the form of attending regularly and paying attention account for 200 points of your total grade.
In-class Exams

There will be 3 in-class exams. These exams will take place in the regular classroom (Snow 454) during the time class is normally scheduled. Each exam is worth 100 points points and the in-class exams are worth 300 points of the total grade. Tentative dates for the 3 in-class exams:

Thursday, September 26th
Thursday, October 31st
Thursday, December 5th

Final

The final exam cumulative and worth 250 points and is held on

Wed., Dec. 18 at 10:30am - 1pm (11-11:50am section)
Thur., Dec. 19 at 10:30am-1pm (12-12:50pm section)

Course Expectations

Even though this course is 2 credits I still expect you to work hard, do the homework, and learn the material. I have high expectations that any student will be able to meet so long as you attend class and do the required work. This course is a prerequisite for Math 116 and Math 121 so it is essential for you to learn the material and do well. In addition to this trigonometry is an important subject that is used throughout science, engineering, architecture, and business. Knowing some trigonometry is important if you want to continue in these fields.

Important Dates

Mon., 8/26 First day of classes
Fri., 8/30 Last day to add or change section online and without permission of department
Mon., 9/2 Labor Day holiday
Mon., 9/16 Last day to drop a course without a W on transcript
Mon., 9/23 Last day to add or change section even with departmental permission (permission is rarely given)
Thur., 9/26 First in-class exam
Mon., 10/14 - Tues., 10/15 Fall break
Thur., 10/31 Second in-class exam
Wed., 11/20 Last day to withdraw from a course (can be done online)
Thur., 12/5 Third in-class exam
Thur. 12/12 Last day of classes
Wed. 12/18, 10:30am-1:00pm, Final Exam for 11-11:50am section
Thur. 12/19, 10:30am-1:00pm, Final Exam for 12-12:50pm section