COURSE INFORMATION

Instructor: Jane Brantley
Office STH 3102
jane.brantley@wku.edu
http://ecourses.wku.edu

Department of Mathematics
Phone: 745-6231 or 745-3651 (Math office)
781-6804 (Home- please leave number)
Office Hrs. MTWRF 7:30-8:00 MW 9-12
TR 9:30-10:50 F 9-10
Others by appointment or luck.

Course: Math 117: Trigonometry (3 hours)
Prerequisites: College Algebra (116 or 116E) with a C or better or four years of high school mathematics from the pre-college curriculum and either MPE of 18 or better and an ACT of 22 with a 3.0 GPA. This course satisfies the General Education mathematics requirement in Category D-2, with the goal of providing students with the ability to understand and apply mathematical skills and concepts. After completing MATH 117, students will be able to: use fundamental mathematical reasoning principles; use graphical, symbolic, and numeric methods to solve practical problems; and interpret information presented in tables or graphical displays.

Text: Trigonometry, seventh edition by Larson and Hostetler

Calculator: A graphing calculator is required for this course. Any graphing calculator except the TI-92 or TI-89 or equivalent will be sufficient. I will be using a TI-84 for demonstrations in class. A TI-82 and 83 are extremely similar to the 84. If you use another brand or a TI-85 or 86 please keep your manual with you.

Attendance: You are required to attend this class faithfully. If you do not attend it is doubtful that you will be successful. I do NOT excuse absences. Tardies can be as damaging as an absence. The student, whether present or absent, is responsible for all assignments, announcements and material covered in class or posted on blackboard or sent by e-mail. E-mail is helpful. Any student with 2 or fewer absences will receive 10 extra points on their final exam.

Homework: There will be regular homework assignments and the student is expected to attempt each assignment. This is a PARTICIPATION CLASS NOT A SPECTATOR CLASS. I will be glad to work a few of the assigned problems at the beginning of the class period and I encourage you to see ME if there are other problems you do not understand. If you cannot see me, please attend the math lab located in STH 2124. Homework problems will be collected and graded periodically. Collected problems will be accepted late, provided they are received by the instructor BEFORE the graded papers are returned to the class.

Short quizzes over the previous homework assignments will be given. NO MAKEUPS!!!! will be given, however, you will be allowed to drop 2 quizzes. Quizzes are not necessarily an indication of the depth of the material to be covered on the exams. Your quiz and homework average is 28% of your grade.

Tests: There will be 3 or 4, 100 point, hour tests (52%) and a comprehensive final exam worth 20% of your average. Missing an hour exam is a serious matter, and a make-up exam will be arranged only under the most extenuating circumstances provided the instructor is informed in advance.

Grading: At most 90% - 100% - A
80% - 89.5% - B
70% - 79.5% - C
60% - 69.5% - D
below 60% - F

Math Lab: Tutors are available to assist you in the Math Lab (STH Rm. 2124) between 8:30 A.M. and 4:30 P.M., Monday through Thursday, and between 8:30 A.M. and 2 P.M. Friday. If I am available, however, it is preferable that you seek assistance from me. See my office door for hours or make an appointment for another time.

In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services in DUC A-200 of the Student Success Center in Downing University Center. The phone number is 745 5004. Please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.

Please turn off cell phones. No IPods, etc.