MA 113-101 Precalculus Trigonometry Fall Semester 2006

INSTRUCTOR: Dr. Cornelius Pillen
ILB #314 (Enter through ILB #325)
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OFFICE HOURS: Monday and Wednesday 10:30 AM – 11:30 AM, Tuesday and Thursday 10:00 AM – 12:00 Noon and by appointment.

TEAC. ASSIST.: TBA


LABORATORIES: Section 101: Thursday 12:30 PM – 1:45 PM in ILB 405.
Section 102: Thursday 2:00 PM – 3:15 PM in ILB 405.

COURSE OBJECTIVE: The primary goal of this course is a thorough review of basic trigonometry together with an introduction of trigonometric functions in order to prepare the student for college level calculus.

COURSE CONTENT: Continuation of MA 112. Topics include the study of elementary functions, their graphs and applications, including polynomial, rational, exponential, logarithmic, and trigonometric functions.

PREREQUISITES: MA 112.


COVERAGE: Most of Chapters 5 through 7, parts of Chapter 9.

MYMATHLAB: Each student is required to purchase a MyMathLab Starter Kit which may be bundled and sold with a new text book or separately. The MyMathLab Starter Kit contains a student access code as well as information for registering and using MyMathLab. Please use your university email account when registering with MyMathLab.

COURSE ID: pillen47653

CALCULATOR: A graphing calculator is required for the course. The instructor will be using the TI-89 calculator. If you already own a graphing calculator, consult with the instructor concerning the adequacy of your calculator.

ONLINE HOMEWORK: Weekly Online Homework Assignments will be given via MyMathLab. After you have registered for the course at www.mymathlab.com, you may reach these assignments by clicking on the Do Homework button. All homework assignments have a due date. You can work on these assignments repeatedly until the due date. Late homework will not be accepted. It is recommended that you complete each assignment as it coincides with the class lecture. Waiting until the last minute to do the assignments may not allow you enough time to complete them due to possible, unforeseen circumstances (computers down, web server down, computer lab closed etc.).
ATTENDANCE  

Students are required to attend all lectures and lab sessions. Weekly quizzes are given during the lab sessions. The grade on any missed quiz will be recorded as zero, and may not be made up. It is the student’s responsibility to work through any course material covered during her/his absence.

GRADING  

Failure to pass each Online Homework Assignment at 80% or above will result in a grade of F or D for the course.

Three in class exams are scheduled for September 25, October 23, and November 20. The two highest percent scores will be used as points to obtain a possible total of 200 points. The final examination score will have a point total of 150. The average percent score on all quizzes will be converted to points and added to your point total. The maximal number of points that are possible to obtain in the course is 450.

If all your Online Homework Assignments are at 80% or above and you obtained $\geq 400$ points, then your course grade is an A.

If all your Online Homework Assignments are at 80% or above and you obtained $\geq 350$ points, then your course grade is at least a B.

If all your Online Homework Assignments are at 80% or above and you obtained $\geq 300$ points, then your course grade is at least a C.

If you obtained $\geq 250$ points, then your course grade is at least a D.

If one of your Online Homework Assignments is less than 80%, then your course grade is at most a D.

MAKE-UP EXAM: Make-up exams are given only with prior permission by the instructor.

FINAL EXAM:  
Monday, December 11, 1:00 PM – 3:00 PM.

TUTORING LAB: The Department offers a free Tutoring Lab in room ILB 456 to all students taking Mathematics and Statistics classes. Please check the bulletin board outside ILB 325 for details.

COMPUTER LAB: The Department offers Computer Labs in ILB 405 and ILB 245. All computers are equipped with MyMathLab. Teaching Assistants are on duty to assist students. Please check the bulletin board outside ILB 325 for lab times. In addition MyMathLab can be accessed from most computers with internet access.

DISABILITY: If you have a specific disability that qualifies you for academic accommodations, please notify the instructor and provide certification from Disability Services (Office of Special Student Services). The Office of Special Students Services is located in the Student Center, Room 270, Phone 460-7212.

NOTE: Students will be notified in class and in writing in case of changes to the syllabus.

If you are having difficulties with the course material or personal reasons prevent you from performing well in this course, please consult with the instructor or the department chair (Dr. Carter) before dropping the course.