Math 115: Precalculus
Winter Semester, 2004

Course Instructor:	Dr. David Buhl
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Office Hours:	11:00 - 12:00 M, W, Th, F or by appointment

Brief Description of the Course:

The primary purpose of this course is to prepare students for calculus. The course assumes you have a good foundation in algebra. The course will include some selected topics from algebra, but its primary emphasis will be on the study of trigonometry and analytic geometry. Since the goal is to prepare you to study calculus, both theory and applications which might arise in calculus will be stressed. You will be expected to understand where formulas come from and, in some cases, derive the formulas for yourself.

Prerequisites: Math 105 passed with a C - or better, or equivalent. Prerequisites will be checked the first day of class. Those not meeting the prerequisite will be dropped.

Materials:
Precalculus: Mathematics for Calculus. Fourth edition. (2002). Stewart, Redlin, and Watson. Brooks/Cole: Pacific Grove, CA.

Graphing facility: ***TI Interactive***.

You use TI Interactive in much the same way you use a graphing calculator. Many of you may have used graphing calculators in the past and may already have your own. If you prefer to use a graphing calculator, bring it to class daily. However, In class, I will demonstrate using TI-Interactive **only**. The calculators will do the necessary mathematical activities but may use different keystrokes. It is **<u>your</u> responsibility** to make sure you know how to do what is necessary **BEFORE** the day of a test or quiz. You will be expected to use TI-Interactive or your calculator when taking tests. Do ***NOT*** ask to borrow either a classmate's or my equipment for tests or quizzes—this will not be allowed.

Assessment:

Forms of assessment may include: collected homework, announced/pop quizzes, and tests. I am anticipating three (3) in-class tests and a cumulative final.

No make-ups or late work on Homework/Quizzes will be allowed. A makeup for a missed test will be given *only* under exceptional circumstances and *prior* approval is required.

A	93-100 percent	A-	90-92 percent	B+	88-89 percent	B	83-87 percent
B-	80-82 percent	C+	77-79 percent	C	70-76 percent	C-	67-69 percent
D	60-66 percent	E	below 60 percent				

Note: If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 1104 University Center (227-1737). Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and University guidelines.g