

**Math 115: Precalculus  
Winter Semester, 2007**

<b>Course Instructor:</b>	Dr. David Buhl
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Office Hours:	11:00 - 12:00 M, W, Th 8:00 - 10:00 T 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.*  
Fifth edition. (2006).  
Stewart, Redlin, and Watson. Brooks/Cole: Pacific Grove, CA.

**Evaluation:**

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.**

**Liberal Studies Requirement**

This course satisfies the Foundations of Natural Science/Mathematics requirement. Students who complete this course should be able to demonstrate a basic understanding of mathematical logic; use mathematics to solve scientific or mathematical problems in college classes; express relationships in the symbolic language of mathematics; and appreciate the role of probability and statistics in analyzing natural phenomena.

**DISABILITY SERVICES**

If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office at 2001 C. B. Hedgcock (227-1700; TTY 227-1543). 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.