

**Math 115: Precalculus**  
**Summer, 2009**

<b>Course Instructor:</b>	Dr. David Buhl
Office:	1117 New Science
Office Phone:	906-227-2089
E-mail:	dbuhl@nmu.edu
Office Hours:	or by appointment via email

**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 will include online unit exams and online quizzes.

**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). 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.