

MA115 Precalculus
Fall 2007

Meeting Time and Place	1:00 - 1:50 PM, MTWRF West Science 3805 Note: No classes on Friday 8/31 and Tuesday 9/4. Class on Friday 9/7. Makeup the second missed class later.
Instructor and Office	Roxin Zhang, New Science Building 3013, rzhang@nmu.edu
Office Hours	MTWR 10 - 11:50 AM
Prerequisite	MA105 C- or MA104 B- or better, or Math Placement Recommendation
Computer and Calculator	Use of Computer Software (Maple and TI-InterActive) in part of the semester is mandatory, a general scientific calculator is also needed in every classroom use.
Textbook	Precalculus, 5th Ed, James Stewart, Lothar Redlin, Saleem Watson
Contents	1. Fundamentals (Review) 2. Functions 3. Polynomials and Functions 4. Exponential and Logarithmic Functions 5. Trigonometric Functions and Analytic Geometry 6. Polar Coordinates and Vectors 7. System of Equations and Inequalities
Tests and Quizzes	Biweekly quizzes/projects, one midterm test and one final exam on Thursday, December 13, 12:00 - 1:50. The grade of the class will be computed as a weighted average: Quizzes/projects 50%, Midterm 20%, Final Exam 25%, Attendance 5%. Grade scale: A (>95), A-(>90), B+(>85), B(>80) and so on.
Homework	Homework will be assigned and you must work on them even though they will not be graded. This course satisfies the Foundation of Natural Science/Mathematics requirement.
Liberal Studies 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 mathematics 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 by: coming into the office at 2001 C. B. Hedgcock; calling 227-1700; or e-mailing disserv@nmu.edu . 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.