

# MATH 103

## Finite Mathematics

### Fall 2004

#### DESCRIPTION

The course covers linear equations, systems of linear equations, inequalities, linear programming, functions, mathematics of finance, matrices, permutations, combinations and probability. This course is designed primarily for students in business, economics, management, and the social sciences and life sciences. MA 103 builds on the algebraic skills of [MA 100](#) while emphasizing applications, modeling, and decision-making from business, social and natural sciences, medicine, and other areas. It is a prerequisite for [MA 171](#) and can be used as a Liberal Studies elective under Division III Natural Sciences/Mathematics.

INSTRUCTOR: Dr. David Buhl

OFFICE: West Science 3505

PHONE: 227-2089

EMAIL: dbuhl@nmu.edu

#### OFFICE HOURS:

Monday, Wednesday, Thursday, Friday 8:30 - 10:00

I also have office time directly after class

I am more than happy to set up an appointment to review homework and student progress.

#### EVALUATION: (Tentative)

No late work will be accepted.

Misc (projects, assign, quizzes):	50 pts
Unit 1 Exam (Functions - Chapter 1 and misc. materials):	100 pts
Unit 2 Exam (Finance - Chapter 2 and misc. materials):	100 pts
Unit 3 (Chapters 3 and 4):	100 pts
Unit 4 (Chapters 5 and 6):	100 pts

#### GRADING (Percent)

100 - 90	A (-)
89 - 80	B (+ or -)
79 - 70	C (+ or -)
69 - 60	D (+ or -)

#### LIBERAL STUDIES

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.

#### SPECIAL ACCOMODATIONS:

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.