

MA103 Finite Mathematics Fall 2015

Class time: Monday, Wednesday 6 – 7:40 pm

Place: West 3803

Instructor: Zosia Eppensteiner

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Office: 2234 Jamrich Hall

Phone: (906) 227-2585

Office hours: by appointment Monday, Wednesday. 7:40 - 9 pm

Text: *Finite Mathematics*, second edition, by Berresford and Rocket

Supplies: a graphic calculator / laptop equipped with TI-Nspire

Course Description:

The course covers linear equations, systems of linear equations, matrices, inequalities, linear programming, functions, mathematics of finance, 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.

Prerequisite:

MA 100 (C- or better) or satisfactory score on math placement exam.

Grading:

Homework will be assigned for each class, 5 assignments will be collected randomly, worth 10 pts. each. There will be 5 pop quizzes also worth 10 pts. each. Exams will cover each chapter and be worth 100 pts. The final exam is **not** cumulative. I will provide you with a current grade report after each exam. The cumulative total for the course is 600 pts. 90%—100% is an A. 80%—89% is a B, etc.

Course policies and tips:

Students are expected to attend all the classes. Attendance will be taken at the beginning of the class. Excessive absence will influence your grade. Most importantly in order to succeed in this course you have to be present, focused and ready to devote time and effort into doing the math, not just observing

and listening to the lecture. Take notes, ask questions and keep up with your homework. Please do not use your cell phones in class and be respectful of your fellow students. Please contact me via email with any questions or concerns.

Disabilities:

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.