

Course syllabus –MA103 Finite Math – Fall '06

Class Time and location: 11:00 – 11:50 AM, MWRF, WS1705

Instructor: Richard Balding

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Office hours: by appointment

Course objective :

This course has three main parts; 1) a review and extension of algebra skills, 2) the mathematics of finance, and 3) introductory probability and statistics.

This course satisfies the Foundation 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.

Requirements:

- 1) Attendance is required and will be taken. Your attendance will be used to determine the % of the curve you receive for the course (only university mandated events (eg, sports) are exempt from counting as an absence). An attendance level below 60% will receive no curve points. In case of an illness, you will be responsible for keeping up with class, **On days of tests or quizzes, you must call or e-mail me before class to set a make-up time (if permitted).**
- 2) Homework will be assigned at the end of most classes. Most of the time the homework will not be collected, but is essential to the learning of the material. The best way to learn math is to do math.

- 3) Your final grade will be determined from a combination of the points achieved from your collected homework (if any), quizzes, tests and the final exam. There will be 7 or 8 tests and the final (extra credit is only offered as EC problems on some tests). The final will be worth about 1 ½ tests. Curve points will be added at the end, multiplied by your attendance % (eg, if you have 90% attendance, you will receive 90% of the curve points).

Required Materials:

- 1) Finite Mathematics by Frank C. Wilson, Houghton Mifflin, 2007.
- 2) IBM Thinkpad (TI interactive) or graphing calculator

Material to be covered:

We will cover most of chapters 1 – 8

Grading scale: (Approximate)

90-100%	A's
80-89.9%	B's
70-79.9%	C's
60-69.9%	D's
below 60%	F

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.