

MA103 SYLLABUS

FALL 2002

Course Description and Overview

This course is designed primarily for students in business, the social sciences and psychology. MA103 builds on the algebraic skills of MA100 while emphasizing applications, models, and decision-making from business, social and natural sciences, medicine, and other areas. The applications, which are presented in a realistic context, require a variety of problem solving approaches.

The following tools will be utilized in this course to enhance the student's learning process:

- tutorial software
 - graphing calculator
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Text

- FINITE MATHEMATICS, *A Modeling Approach* by Bronson & Bronson.
 - MA103IS course disk which includes tutorial Software.
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Other Materials

- Graphing Calculator; TI-85/TI-86 recommended
 - Computer with Internet Browser (Internet Explorer 4.0 or NetScape 4.05).
Internet access is not required! All files can be accessed by running the Browser off-line.
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Prerequisite

C- or better in MA100 or equivalent

Tentative Schedule

Chapters 1 thru 8 will be covered. Some sections in these chapters may be omitted.

Homework

Homework assignments are listed in the Chapter Study Guides. Homework is for your benefit and does not need to be submitted.

Tests

The test schedule is listed on this Web Page. All testing will be proctored and closed book. *You will need your calculator and a pen/pencil during tests.* Formula sheets will be provided during testing. *Formulas do not need to be memorized.*

Grading

- 80% test scores
- 20% Final Exam (Comprehensive).

Grades: Grades are assigned based on the % of total points obtained as follows:

A 92-100 C+ 77-79

A- 90-91 C 73-76

B+ 87-89 C- 70-72

B 83-86 D+ 67-69

B- 80-82 D 63-66

F 0-62

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