COURSE SYLLABUS MTH 199.05 and .07
Mathematics for Managerial Decision Making I
(3 Credit Hours)
Fall 2007

Time: 199.05 MW 08:00 - 09:20 pm, 199.07 TT 11:00 am - 12:20 pm
Room: LDB 400
Instructor: Harry Konen
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Course Description:

Topics include a review of introductory algebra, equations, relations, functions, graphs, linear programming, systems of equations and matrices, and mathematics of finance. Prerequisites: Two years of high school algebra.

Material will be presented in lectures, Suggested homework will be assigned on a daily basis; this homework will not be collected or graded. These assignments are meant to guide you in learning the material. Homework questions will be discussed at the beginning of each period. Questions regarding the homework are an integral part of the learning experience. Questions are welcome, encouraged, and anticipated. Most test questions will be very similar to homework problems.

Course Objectives:

The objective of this course is to provide business and economics students with the background in the quantitative techniques necessary for understanding and appreciating many of the topics in business curricula. It also lays the foundation for more advanced courses in statistics and operations research.

Required Textbook:

Mathematical Applications for the Management, Life, and Social Sciences; 8th Edition;
by Harsbarger and Reynolds; pub. by Houghton Mifflin; ISBN: 0-618-80584-2
The portion of the book to be covered is Chapters 1, 2, 3, 4, 5, and 6. Some sections may be omitted due to time constraints. Some topics in Chapter 0 will be discussed from time to time. The chapters will not be covered in sequential order, but they will be covered in an order which does not require knowledge of material in sections not yet covered.

Required Calculator:

A graphing calculator equivalent to a TI-84, or TI-84 Plus, or TI-83, or TI-83 Plus is required.

Attendance Policy: see General Class Policies sheet.

Examinations:

There will be 4 major examinations, each lasting an entire period. There will also be a comprehensive final examination given at the officially designated time. Problems on the examination will include definitions of terms, brief expository discussions of concepts, and problems similar to homework problems. Examinations will be announced at least one week in advance; but they should be anticipated approximately every 3 weeks during the semester. Examinations will not necessarily occur at the ends of chapters. Specific topics to be included on an examination will be given in class. **See the attendance policy for the policy on missed examinations.**

Grading Plan:

The major examinations during the semester, and the final examination, will be graded on a 100 point basis. All five examination scores will be averaged to obtain a course average.
Letter grades will be assigned using the following scale:
A 90 to 100; B 80 to 90; C 68 to 80; D 56 to 68; F below 56. In cases of borderline averages, consideration will be given to the overall pattern of grades and to class attendance.