KOÇ UNIVERSITY

Math 100 (Fall 2011)
Elements of Finite Mathematics and Calculus, Syllabus

Description
The following topics will be covered; Logic, Counting Concepts, Functions, Linear Equations, Matrices, Linear Inequalities, Limits, Derivatives, Integration. Applications to social sciences, economics, business and finance will be discussed.

Textbook
College Mathematics for Business, Economics, Life Sciences, and Social Sciences by Barnett, Ziegler and Byleen, 12th edition, Pearson

Lecture Hours and Location
Section 01 (Emre Mengi) : Mon&Wed&Fri 9:30-10:20 at ENG B29
Section 02 (Azadeh Neman) : Mon&Wed&Fri 14:30-15:20 at ENG Z15

Instructors

	Section	Office	Office Hours:
Azadeh Neman (`aneman@ku.edu.tr`)	02	ENG Z15	Wednesday 15:30-16:30 (or by appointment)
Emre Mengi (`emengi@ku.edu.tr`)	01	ENG B29	Thursday 13:15-15:15 (or by appointment)

Problem Sessions
You will be enrolled in one of the problem sessions on Friday at 11:30-12:20, 12:30-13:20 or 14:30-15:20. There will be no problem sessions during the first week.

Course Webpage
http://portal.ku.edu.tr/∼math100   or   http://home.ku.edu.tr/∼math100
(If one of these addresses doesn't work, please try the other one.)

Teaching Assistants
Fatih Kangal (`facelik@ku.edu.tr`), Ali Demir (`ademir@ku.edu.tr`)

Grading
The following scheme will be used.

- %10 (Quiz Score) + %25 (Midterm 1) + %25 (Midterm 2) + %40 (Final)

Your quiz score will be calculated the way it is described in the quizzes section below.

Midterms

We anticipate to hold the midterms during the following weeks in the evenings.

- Midterm 1 - 6th week (October 24-28)

- Midterm 2 - 11th week (December 5-9)

The exact dates and locations of the exams will be assigned by the registrar's office later in the semester. The midterm dates and locations will be announced in class and on the course webpage, as soon as these assignments are made by the registrar's office.

In each midterm all of the topics covered in class by the end of the week preceding the midterm are included. The midterms will be closed-book exams.

Final

All of the topics covered in class throughout the semester are included. The date, time and location of the final will be announced later. The final will be a closed-book exam.

Quizzes

There will be six quizzes given at the end of the problem sessions. Each quiz will last 10 minutes. There will be only one question in each quiz selected from the suggested homework questions posted on the course webpage. The dates of the quizzes will be randomly selected by the instructors. The highest four quizzes will be counted and the worst two quizzes will be dropped. *Your quiz score will be the average of the highest four quizzes.*

Attendance

Attendance will be taken in lectures on random dates. The total worth of attendance is 5 bonus points. The bonus points will be determined ratio-wise. For example if the attendance was taken ten times, and you were present nine times, then your bonus point would be calculated as $5 \times (9/10) = 4.5$.

Attendance will not be taken during the problem sessions. However, keep in mind that the quizzes will be held during the problem sessions. You will not know in advance on which dates the quizzes will be held.

Make-up Exam

There will be only one common make-up exam for the midterms and the final. A student can be eligible for the make-up exam only if she/he provides the instructor with proper medical reports approved by the health center at Koç University or an official letter from the dean's office. The make-up exam will be held at the end of the semester and include all of the topics covered throughout the semester (even if it counts for a midterm).

Academic Integrity

Students are expected to maintain their academic integrity. Academic dishonesty in any form will not be tolerated and punished as described in the "academic integrity" section of the Koç University catalog. A detailed definition of academic dishonesty is also provided in the catalog.