Instructor: Levent Koçkesen, CASE 253, 338-1354, E-mail: lkockesen@ku.edu.tr

Day/Time: TUE 9:30-12:15

Location: SCI 130

Textbook: The course will be based on lecture notes that are posted at:

http://home.ku.edu.tr/~lkockesen/teaching/mamicro/mamicro.htm

However, you may find the following texts useful as supplementary material:


Description: This is a course on game theory, information economics, and mechanism design.

Grading: Grading will be based on two exams (40% each) and weekly homeworks (20%).

Outline of the Course

1. Strategic Form Games
   - Nash Equilibrium
   - Dominant Strategy Equilibrium
   - Rationalizability
   - Iterated Elimination of Dominated Strategies

2. Strategic Form Games with Incomplete Information
   - Bayesian Equilibrium

3. Extensive Form Games with Complete Information
   - Backward Induction
   - Subgame Perfect Equilibrium

4. Extensive Form Games with Incomplete Information
   - Perfect Bayesian Equilibrium
   - Sequential Equilibrium

5. Economics of Information
   - Adverse Selection
     - Signaling
     - Screening
   - Moral Hazard

6. Mechanism Design