**EC 58M Special Topics: Experimental Economics**

**Description:** A brief history of controlled experiments in economics, Methodology of experimental design and hypothesis testing. Review and discussion of results from experiments on individual decision making, simultaneous and sequential games, social preferences, trust, reciprocity, public goods and coordination problems. Programming computer-based experiments.

**Instructor:** Mehmet Yiğit Gürdal

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**Office Hrs:** TBA

**Class meets:** TThTh878 (NBB10)

**Grading:** Participation (%25) + Midterm Project(35%) + Final Project (40%)

Participation involves attendance, presentations and participating in class experiments.

Midterm project involves programming an experiment on z-Tree, preparing instructions and running a lab session.

Final project involves designing your own experiment, collecting data and preparing a written report.

Note that Make-up exams can only be taken if you have an official doctor's report approved by the related office of the University.

**Textbook:** There is no required textbook for this class.

**Recommended textbooks:**

- Markets, Games, & Strategic Behavior by Charles A. Holt
- The Handbook of Experimental Economics Edited by John H. Kagel & Alvin E. Roth

**Outline:**

- Methodology of Experimental Economics
- Individual Decisions
- Behavior in Simultaneous Move Games
- Focal points and Coordination
- Social Preferences
- Behavior in Public Goods Experiments
- Sanctioning institutions
- Incentives
- Market Experiments
- Field Experiments