Economics 127A
Course Code: 62220

Prof. Duffy
Winter Quarter 2022

Experimental Economics

Course Content and Objectives: This course will provide you with an introduction to the field of *experimental economics* where economic theories and assumptions are evaluated using controlled, experimental methods. You will learn both the power and the limitations of the experimental approach and you will see how experimental methods have been used to address a number of interesting economic questions. You will also participate as a subject in a number of different economics experiments for which you will earn points toward your final grade.

Prerequisite: Satisfactory completion of the lower-division writing requirement. Note: Economics majors have first consideration for enrollment in this course.

Lectures: We will meet for lectures on Tuesdays and Thursdays from 3:30-4:50pm in the Experimental Social Science Laboratory, 1240 Social and Behavioral Sciences Gateway. Your attendance during lectures is required so that you can earn points from participating in economic experiments.

My Office and Office Hours: Mondays, 9:00-11:00am or by appointment.
Telephone: 949-824-8341 **Email:** duffy@uci.edu

Course Website: https://canvas.eee.uci.edu/courses/42195 Lecture slides and homework will be posted weekly to this site.

Requirements: There will be several homework assignments and two exams: a midterm and a final examination. In addition, you will be asked to participate in a number of in-class experiments for which you will earn points. The determination of your final grade is as follows:

Homework	10%
Experiments	10%
Midterm	40%
Final	40%

Course Policies: Late homework is *not accepted*. Make-up exams are *not offered*. The dates of the exams are stated in advance and it is your responsibility to take the exam on the appointed day and time. There is *no extra credit*.

Software: MobLab software (www.moblab.com) is *required* for this course. The cost is $25 per student for the quarter. You will be sent an email with a link to sign up for a MobLab account.

Textbook: *Markets, Games, and Strategic Behavior: An Introduction to Experimental Economics,* 2nd Edition, by Charles A. Holt, Princeton University Press, 2019. This book is recommended but not required.

Discussion Sections: There are no discussion sections for this course.

Academic Integrity: Students are expected to be familiar with and to comply with UCI's Academic Integrity Policy. Violations of this policy will be reported to the UCI Office of Academic Integrity & Student Conduct following UCI approved procedures

Course Outline, Homework and Exam Schedule, Reading Assignments, *Subject to Change*

1/04-1/06: Why Experiment? Laboratory Methods. Introduction to Moblab, Holt, Chapters 1 &13

1/11-1/13: Commodity and Asset Market Experiments. Holt, Chapters 2 & 24.

1/18-1/20: Oligopoly Markets, Collusion. Holt, Chapters 20 & 21.

1/25-1/27: Game Theory Experiments, Cooperation and Coordination. Holt, Chapters 8 and 11.

2/01: Trust and Reciprocity, Holt, Chapter 15. Review for Midterm.

2/03: **Midterm Exam in class.**

2/08-2/10: Mixed Strategies. Holt, Chapter 10

2/15-2/17: Bargaining. Holt, Chapter 14

2/22-2/24: Voluntary Contributions / Public Goods. Holt, Chapter 16

3/01-3/03: Auctions. Holt, Chapters 26 & 27

3/08-3/10: Guessing Games, Information Cascades, Macro Experiments, Holt, Chapters 5, 7 & 25. Review for Final

3/15: **Final Exam, 4:00-6:00pm**