

206.5525) ניסויי מעבדה ככלי מחקר

Experimental Lab Methods 2021-2022

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The course is intended for advanced students (master and doctorate). The aim of the course is to learn how to plan, run and analyze laboratory experiments in economics. The course includes theoretical content and active experience. During the course, students will be exposed to various laboratory experiments and present their work in a class discussion.

- Course requirements:
- Active participation in discussion sessions in relevant studies (including reading material and performing tasks).
- Run a predesigned experiment and present the data.
- Analyze data from a previous experiment and presenting it.
- Locating, reading and presenting an article discussing laboratory experiments.
- Prepare a presentation on the above and present it in class.
- Final Project:
 - Selecting a research question that is appropriate to answer by a laboratory experiment:
 - Design, execution and analysis of the experiment;
 - Writing the experiment report performed, which includes reference to the data analysis;
 - Prepare a presentation on the above and present it in class (at the end of the semester).

Grade: 50% participation and presentations. 50% final project.

Reading Materials: To be introduced in class.

Rough schedule

*** Meeting 00 Welcome; get to know each other and an introductory experiment**

Requirements: after class, select an experiment on veconlab to run on your own.

*** Meeting 01:**

You conduct a veconlab experiment in class. After class analyze data (perhaps with some added by Todd)

*** Meeting 02**

Present analysis of experimental data. Select experimental papers to read. After class, you prepare presentations of papers.

*** Meeting 03**

You present papers. Todd presents Cooperation experiment.. After class, analyze data

*** Meeting 04**

You present results of analysis. Todd presents prediction market experiment. We both start learning O-tree.

***Meeting 05** We continue learning O-tree (possibly with more meetings).

***Meeting 06.** We continue learning O-tree. Choose experiment to design.

***Meeting 07.** We learn how to run on Prolific. After class run experiment on prolific.

***Meeting 08.** Present results of experiment.