

ECON 400

Economic Statistics – Summer I 2013

Instructor: Dimitris Katsoridas

Office: Gardner Hall 407

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Meetings: MTWThF 11:30 a.m. – 1:00 p.m. in Gardner 120

Office Hours: My office hours tentatively are (at Hanes B48)

- Monday 10:00 a.m. - 11:00 a.m. and 1:00 p.m. – 2:00 p.m.
- Wednesday 10:00 a.m. - 11:00 a.m. and 1:00 p.m. – 2:00 p.m.
- Friday 10:00 a.m. - 11:00 a.m. and 1:00 p.m. – 2:00 p.m.

Textbook: *Newbold, Carlson, & Thorne: Statistics for Business and Economics, 8th edition.*

Prerequisites: Introductory economics (101 or equivalent). Math skills, through basic calculus (derivatives and integrals)

Grading and Exam Schedule:

- Homework (30%)
- Midterm (30%), Tuesday, May 28 (regular class time).
- Final (40%),

Homework:

- Assignments will be posted daily at our course site at Sakai and will be due the beginning of the next week.
- Homework assignments will be collected at the *beginning* of the class.
- **Late homework will not be accepted.**
- All homework assignments are required, but each student's lowest score will be discarded.
- **Missed homework will receive a grade of zero no matter what the reason.**
- You can discuss and work on the homework problems with your friends, but each student should write down his/her own solution and return it. Copying of homework is forbidden, and it is a violation of the Honor Code.
- You are encouraged to ask the Instructor for help on homework problems, after you have attempted to solve the problems on your own. The Instructor is available during office hours.
- Make sure that your name is printed on every page. Add ECON 400 **as well as the assignment number**.
- To receive credit on homework, you must *show all your work neatly, clearly label each problem, circle your final answers, and staple the entire assignment together in the correct order.*

Exams:

- All exams are required and there will be no make-up exams.
- Missed exams will receive a grade of zero.
- All exams are closed-book and closed-notes, and no formula sheets are allowed.
- You will need to bring your calculator with you for all the exams.

Course Description:

The goal of this course is to provide you with an understanding of statistical vocabulary and techniques, the ability to apply statistical and probabilistic methods to real-world situations and the skills to analyze data and draw conclusions. The course covers six general topics:

1. Descriptive statistics
2. Probability theory
3. Random variables
4. Sampling distributions
5. Hypothesis testing
6. Regression analysis

Honor Code: Honor code will be observed in this class at all times.