

# ECON 400

## Economic Statistics – Summer II 2014

**Instructor:** Dimitris Katsoridas

**Office:** Phillips Annex 202

**Email:** [dimitris@unc.edu](mailto:dimitris@unc.edu)

**Meetings:** MTWThF 9:45 a.m. – 11:15 a.m. in Gardner 309

**Office Hours:** My office hours tentatively are (at Phillips Annex 202)

- Monday 11:15 a.m. - 12:00 p.m.
- Wednesday 11:15 a.m. - 12:00 p.m.
- Friday 11:15 a.m. - 12:00 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)

### **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

### **Grading and Exam Schedule:**

- Homework (30%)
- Midterm (30%)
- 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.

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