

ECON 101: STATISTICS FOR ECONOMICS

Spring 2008

Instructor: Tae-Hwy Lee

Lectures: MWF 1:10 p.m. - 2:00 p.m., BRNHL A125

Office Hours: WF 10:30 a.m. – 11:30 a.m. or by appointment, Office: Sproul Hall 3103

Course Description: The course is an introduction to the basic statistical methods for economics. Topics include economic data analysis, univariate and bivariate probability distributions, correlation and regression, sampling distributions, properties of estimators, hypothesis testing, and etc. Homework will require use of the computer. EXCEL will be used with the Add-in program. (See Appendix 1 in page 9 of the textbook.) High degree of student participation is expected in the form of questions and answers relating to the material being developed in lectures. Attendance is required for all lectures and LAB and DIS sessions.

Required Text: Keller, Gerald (2008), *Statistics for Management and Economics*, 8ed., South-Western Cengage Learning. ISBN-13: 978-0-324-56959-9, ISBN-10: 0-324-56959-9.

Course Outline: We plan to cover the core materials in the textbook, Chapters 6-13, 16-17, and 20. We will follow the text fairly closely.

Chapters 6-8 are on probability theory, Chapters 9-13 are on statistics (sampling distributions and statistical inference), Chapters 16-17 are on linear regression, and Chapter 20 is on time series analysis and forecasting.

The introductory materials in Chapters 1-5 will be discussed by TAs in DIS and LAB sessions and in the April 4 class. In lectures, we begin from Chapter 6. However, the exams and quizzes will include materials from Chapters 1-5.

TA Sections: There are regular weekly DIS and LAB sections. In these sections, TAs will provide supplementary lectures, review the class lectures, discuss the homework assignments, and respond to questions posed by students. It is imperative to attend every TA session. TAs will also hold weekly office hours as follows.

TAs (Office Hours and Office):

Trini Beleche TR 1-2 p.m. or by appointment, SPR 3122

Arindam Nandi M 10:15-11:15 a.m. and W 3-4 p.m. or by appointment, SPR 3120

Lab Facility: LAB sessions will be held at SPR2225. You can also use Watkin 2101 and Watkins 2111 when available. To check if a lab is available or scheduled for classes, go to: <http://scs.ucr.edu/calendar/>

Grading:

Midterm 1	20%	Friday, May 2, 2008
Midterm 2	20%	Friday, May 23, 2008
Quizzes	20%	many pop quizzes in classes, DIS, LAB, without prior announcement
Final Exam	40%	Wednesday, June 11, 2008, 8:00 am – 11:00 am

The above time schedule may be subject to change with a short notice. There will be weekly homework assignment, which will not be counted towards the course grades because these problems are to be discussed in the TA sessions. Understanding homework materials will be very useful for exams. All exams are required (not optional) as indicated by the above weights. The final exam is cumulative and comprehensive. There will be no make-up final exam.

You are fully responsible for following up on all the announcements made during the lectures.

Some Requests Regarding Classroom Courtesy and E-mail Etiquette

- Please turn off any electronic device (e.g., cellular phone, laptop computer or MP3 player) before the class begins.
- Please do not leave the classroom until the lecture ends.
- Please do not use email. Use office hours to talk with the instructor and TAs in person.
- In case when you must email, be formal - please start your e-mails with a formal greeting, and end with a formal closing. Please put your full name at the end of e-mails. Expect to receive a response to your e-mails within 48 hours.
- Questions regarding computer programming should be directed to the TAs.