

Department of Economics
Hacettepe University
ECO239 Statistics I
Winter 2009

Course Information

Instructor: Dr. Shihomi Ara-Aksoy
Office: Department of Economics
Office Phone: 297 86 50 / ext 122
Email: sara@hacettepe.edu.tr

Time/Place: **First three weeks: (Oct.5, Oct.12, Oct.19) Mondays, 13:00-15:45, D9**
The rest of the weeks: Wednesdays, 14:00 - 16:45, D8

Office Hours: Wednesdays: 17:00-18:00, Fridays: 16:00-17:00, or by appointment

Course Website: <http://yunus.hacettepe.edu.tr/~sara>, <http://www.shihomiaksoy.org>

Course Description/Objectives

The purpose of this course is to introduce basic concepts of statistics. Methods of describing data, probability, discrete and continuous random variables and their probability distributions will be discussed. Students are expected to learn the tools for describing and analyzing given data and to be acquainted with probability theory and probability distributions. The topics covered in this course will be a foundation for the courses such as Statistics II and Econometrics. Therefore, make sure to understand each concept clearly.

Course Requirements

1	Three Quizzes (3% each)
2	Two Midterm Exam (25% each)
3	Final Exam (41%)

Class Participation/Announcement

- Although the attendance will not be taken, attend the class regularly. The quizzes will be conducted without any prior notice.
- Bring a calculator to each class. Especially for the quizzes, you will need one.
- In the end of each class, I will assign “Homework” from the exercises questions of the textbook. You are NOT required to hand them in. However, you are responsible for going over each question. Consider them as the practice questions for quizzes and exams.
- There will NOT be any make-up quiz.

Exams

1 st Midterm Exam:	To be announced
2 nd Midterm Exam:	To be announced
Final Exam:	To be announced

Textbook

Paul Newbold, William Carlson and Betty Thorne, *Statistics for Business and Economics*, Sixth edition, Pearson Education, 2008.

Make-up Exam

No makeup exam will be given unless a legally acceptable document (such as medical report) is submitted. Validity of such document will be examined.

Academic Misconduct

Please read the relevant material at <http://www.plagiarism.org/>. Detected plagiarism throughout the coursework will cause the student to be punished according to the University rules. The students are expected to know what plagiarism is and lack of knowledge is not an acceptable excuse.

Disabilities

Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific need.

Course Schedule

Week	Date	Topic	Readings
Week 1	Oct. 5*	<i>Why Study Statistics?</i>	Ch. 1
Week 2	Oct. 12*	<i>Describing Data: Graphical</i>	Ch. 2
Week 3	Oct. 19*	<i>Describing Data: Numerical</i>	Ch. 3
Week 4	Oct. 28	No Class	
Week 5	Nov. 4	<i>Probability (1)</i>	Ch. 4
Week 6	Nov. 11	<i>Probability (2)</i>	Ch. 4
Week 7	TBA	1st Midterm Exam	
Week 8	Nov. 25	<i>Discrete Random Variables and Probability Distributions (1)</i>	Ch. 5
Week 9	Dec.2	<i>Discrete Random Variables and Probability Distributions (2)</i>	Ch. 5
Week 10	Dec.9	<i>Discrete Random Variables and Probability Distributions (3)</i>	Ch. 5
Week 11	Dec. 16	<i>Continuous Random Variables and Probability Distributions (1)</i>	Ch. 6
	TBA	2nd Midterm Exam	
Week 12	Dec. 23	<i>Continuous Random Variables and Probability Distributions (2)</i>	Ch. 6
Week 13	Dec. 30	<i>Continuous Random Variables and Probability Distributions (3)</i>	Ch. 6
Week 14	Jan.6	<i>Continuous Random Variables and Probability Distributions (4)</i>	Ch. 6
Final Exam	TBA		

* For the first three weeks, the classes will be held on Mondays.