

Department of Economics
Hacettepe University
ECO239 Statistics I
Fall 2008

Course Information

Instructor: Dr. Shihomi Ara-Aksoy
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Time/Place: **Mondays, 9:00 – 11:45 @ D 10**

Office Hours: Mondays, 16:00 – 17:00, Tuesdays 13:00-14:00
or by appointment

Course Website: <http://yunus.hacettepe.edu.tr/~sara>

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

A: Three Quizzes (5% each)
B: Two Midterm Exams (25% each)
C: Final Exam (35%)

Class Participation

Although the attendance will not be taken, attend the class regularly. The quizzes will be conducted without any prior notice. Chatting in the class causes negative externalities to other students in the classroom, and should be strictly refrained. The instructor reserves the right to ask any students with inappropriate behavior to leave the classroom.

Exams	1 st Midterm Exam:	1 st week of November
	2 nd Midterm Exam:	December 1st
	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	Sep. 22	<i>Why Study Statistics?</i>	Ch. 1
Week 2	Sep. 29	No Class	
Week 3	Oct. 6	<i>Describing Data: Graphical</i>	Ch. 2
Week 4	Oct. 13	<i>Describing Data: Numerical</i>	Ch. 3
Week 5	Oct. 20	<i>Probability (1)</i>	Ch. 4
Week 6	Oct. 27	<i>Probability (2)</i>	Ch. 4
Week 7	1 st week of Nov.	1st Midterm Exam	
Week 8	Nov. 10	<i>Discrete Random Variables and Probability Distributions (1)</i>	Ch. 5
Week 9	Nov. 17	<i>Discrete Random Variables and Probability Distributions (2)</i>	Ch. 5
Week 10	Nov. 24	<i>Discrete Random Variables and Probability Distributions (3)</i> <i>Continuous Random Variables and Probability Distributions (1)</i>	Ch. 5 Ch. 6
Week 11	Dec. 1	2nd Midterm Exam	
Week 12	Dec. 8	No Class	
Week 13	Dec. 15	<i>Continuous Random Variables and Probability Distributions (2)</i>	Ch. 6
Week 14	Dec. 22	<i>Continuous Random Variables and Probability Distributions (3)</i>	Ch. 6
Final Exam			