

Instructor

Maria Teresa Cândido, Ph.D.
Fall 2006

Class Meets: TTh 2:00 - 3:20 pm
Pepper Canyon Hall room 109

Office: 110A Economics

Office Phone #: 534-2518

Office Hours: Tue 10:30 am – 12pm,
Thu 9-10am, 11am-12pm

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Teaching Assistants

Karim Chalak kchalak@ucsd.edu

Lab Sections: Wed 10:00-10:50 am, Wed 3:00-3:50 pm (Economics Bldg room100)

Adam Sanjurjo asanjurjo@ucsd.edu

Lab Sections: Mon 11:00-11:50 am, Mon 2:00-2:50 pm (Economics Bldg room100)

L. Choon Wang lwang@ucsd.edu

Lab Sections: Tue 8:00-8:50 am, Thu 11:00-11:50 am, Fri 9:00-9:50 am (Economics Bldg room100)

Economics 120A **Econometrics A**

Course Description

As the first of the econometrics sequence, this course introduces the science of statistics. It is designed to provide the building blocks necessary to construct rigorous econometric analysis. These building blocks include basic statistics, probability rules, and the formal methods used by statistician to learn about the real world from the data.

Course Materials

Required Textbook: “Introductory Statistics for Business and Economics” by T.H. Wonnacott and R.J. Wonnacott, Fourth or Fifth Edition, John Wiley and Sons: New York.

Chapters on Textbook: 1, 2, 3, 4, 5, 6, 7, 8, and 9.

There is also a custom version of the book, made specially to UCSD students. This book is exactly the same as the non-custom version, only less expensive.

My Expectations

1. Regular Class Attendance – You should come to every class (lecture and discussion sessions). If you should miss a class, it is your responsibility to get notes or any possible handout or problem assignment.
2. Come to class prepared – You should always review your notes from the last lecture.
3. Do your homework – Remember, homework is assigned to assist you in studying. Even when homework is not to be turned in, you should do any assigned problems by the deadline recommended.

Grading

Your grade will be based on:

Homework Assignments

Midterm Exams

Final Exam

The midterm exams are scheduled to **Tuesday, October 17th**, and **Thursday, November 9th**, at lecture time. The final exam will take place on **Tuesday, December 5th** from 3:00 pm to 6:00 pm and will be cumulative. We will calculate for each student one point total that puts a weight of 10% on homework assignments, 25% on first midterm exam, 25% on second midterm exam, and 40% on final. We will then calculate a second point total that puts a weight of 10% on homework assignments, 25% on the best of the two midterm exams and 65% on the final. Student's grade will be based on the higher of the two numbers. There are no make-up exams—a missed midterm exam automatically commits a student to the second option. The questions asked on exams will be based on textbook reading, lectures and assigned homework problems or practice problem sets.

Course Web Page

A course webpage is available at <http://webct6web.ucsd.edu>. It includes information relevant to the course, such as problem sets, announcements, solutions to problem sets and exams, syllabus, grades and more. Please check this page regularly.

Tentative Schedule (exams dates will not change)

Week	Days	Topic	Textbook Chapter
Week 0:	Thu Sept 21 st	Class Introduction Introduction to Statistics	1
Week 1:	Tue Sept 26 th Thu Sept 28 th	Descriptive Statistics: Mean, Median, Range, Variance, etc	2
Week 2:	Tue Oct 3 rd Thu Oct 5 th	Basic Probability	3
Week 3:	Tue Oct 10 th Thu Oct 12 th	Basic Probability Probability Distributions	3 4
Week 4:	Tue Oct 17th Thu Oct 19 th	First Midterm Examination Probability Distributions	1-3, part of 4 4
Week 5	Tue Oct 24 th Thu Oct 26 th	Two Random Variables Two Random Variables; Sampling	5 5,6
Week 6	Tue Oct 31 st Thu Nov 2 nd	Sampling, Central Limit Theorem Point Estimation	6 7
Week 7	Tue Nov 7 th Thu Nov 9th	Point Estimation; Law of Large Numbers Second Midterm Examination	7 4-6, part of 7
Week 8	Tue Nov 14 th Thu Nov 16 th	Confidence Intervals	8
Week 9	Tue Nov 21 st Thu Nov 23 rd	Hypothesis Testing No Scheduled Class	9 -
Week 10	Tue Nov 28 th Thu Nov 30 th	Hypothesis Testing	9
Week 11	Tue Dec 5th 3:00 pm -6:00 pm	Final Exam	1-9