

# University of California San Diego, Department of Economics



## Economics 120A: Statistics

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Fall 2005

Economics Bldg. 110A

### 1. Texts:

INTRODUCTION TO STATISTICS FOR BUSINESS & ECONOMICS (5<sup>th</sup>) Wonnacott & Wonnacott.

### 2. Course Webpage: <http://econ.ucsd.edu/~mwilloug/econ120A.html>

- Online links to Announcements, Scores, Calendar, contact information for the Teaching Assistants and, periodically, things to bring to class.

### 3 Requirements: Final grades will be determined by:

- **Eight in-class Quizzes (randomly administered)** **8 x 3% = 24%**  
You will need a 4<sup>1</sup>/<sub>4</sub> x 11 Scantron form for quizzes.
- **One Mid-quarter Exam** **1 x 25%**
- **Two Problem Sets** **2 x 5 % = 10%**
- **Final Exam** **35%**
- **Research Article Abstract** **5%**

### 4. Guidelines

- I publish a Calendar (on the class web page. It will indicate (a) due dates (b) exam dates (c) my office hours (short notice changes may occur, so check the calendar occasionally and you can also call my office directly 858-534-2518 to verify that I am in the Office).
- I will occasionally post documents on the web page that I want you to bring to class. *Do that!*
- Assignments are due at the beginning of class.
- Quizzes are random and there are no make-ups. The lowest quiz score will be dropped.
- Dates of exams are NOT negotiable and you MUST take your exam during the time specified. If you miss a MIDTERM for a verifiable medical, legal, family, varsity sports reason, your midterm grade will be the score you attain on the final exam.
- The University schedules the Final Exam. The exam will be given at the scheduled time, and no other.
- Letter grades will be based on a curve with total weighted points at the end of the course. The curve is centered on the final class average and the lowest B- will be assigned to the final average. Letter grades are FINAL and can only be changed if there has been a clerical error.
- Students are responsible to pick-up their graded assignments from the TAs and to audit their scores in-process. All outstanding papers will be destroyed on the last day of classes and no unnoticed changes will be made to scores after the last day of classes.

## 5. The Teaching Assistants:

Teaching Assistants have responsibilities. They will do the grading, record the scores, archive documents, answer questions during office hours. If you have a question or a request that involves grading, recording, or how to get a graded paper, then you should contact the appropriate TA.

## 6. Class Schedule

<i>Date</i>	<i>Day</i>	<i>Topic and Important Dates</i>	<i>Reading Assignment</i>
<b>Sept 22</b>	Thursday	Introduction to the course	
<b>Week 1</b>	One	Introduction to Statistics	Chapter 1
Sept 27-29	Two	Descriptive Statistics	Chapter 2
<b>Week 2</b>	Three	Probability	Chapter 3
Oct 4-6	Four	Probability	Chapter 3
<b>Week 3</b>	Five	Probability	Chapter 3
Oct 11-13	Six	Probability Distributions	Chapter 4
<b>Week 4</b>	Seven	Probability Distributions & <b>Problem Set 1 due</b>	Chapter 4
Oct 18-20	Eight	Review	Chapters 1-4
<b>Week 5</b>	Nine	Midterm #1: Chapters 1-4 & the Binomial	
Oct 25-27	Ten	Two Random Variables	Chapter 5
<b>Week 6</b>	Eleven	Sampling	Chapter 6
Nov 1-3	Twelve	Point Estimation	Chapter 7
<b>Week 7</b>	Thirteen	Point Estimation	Chapter 7
Nov 8-10	Fourteen	Confidence Intervals	Chapter 8
<b>Week 8</b>	Fifteen	Confidence Intervals	Chapter 8
Nov 15-17	Sixteen	Hypothesis Tests	Chapter 9
<b>Week 9</b>	Seventeen	Hypothesis Tests	Chapter 9
Nov 22- Holiday	Eighteen	Hypothesis Tests	Chapter 9
<b>Week 10</b>	Nineteen	Analysis of Variance	Chapter 10
Nov 29- Dec 1	Twenty	Review	Chapters 5-10