

University of California San Diego, Department of Economics



Economics 120A: Statistics

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Spring 2005

Economics Bldg. 110A

1. Texts:

INTRODUCTION TO STATISTICS FOR BUSINESS & ECONOMICS (5th) Wonnacott & Wonnacott.

PROBABILITY AND STATISTICS READER & LECTURE NOTES; Willoughby, (UCSD Bookstore)

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

- Online links to Announcements, Scores, Calendar, contact information for the Teaching Fellows 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 ¹ / ₄ x 11 Scantron form for quizzes. | |
| • One Mid-quarter Exam | 1 x 25% |
| • Three Problem Sets | 3 x 4 % = 12% |
| • Final Exam | 35% |
| • Final Exam Essay | 4% |

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. If you miss, or must miss, the final exam due to events outside of your control, then you may petition for an IC grade.
- Letter grades will be based on a curve with total weighted points at the end of the course. Letter grades are applied to any assignment. 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 Fellows:

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. <http://econ.ucsd.edu/~mwilloug/teachingassistants120A.html>.

6. Class Schedule

| <i>Date</i> | <i>Day</i> | <i>Topic and Important Dates</i> | <i>Reading Assignment</i> |
|----------------|------------|--------------------------------------------|---------------------------|
| <i>Week 1</i> | One | Course Introduction | Chapter 1 |
| | Two | Descriptive Statistics | Chapter 2 |
| <i>Week 2</i> | Three | Descriptive Statistics | Chapter 2 |
| | Four | Probability | Chapter 3 |
| <i>Week 3</i> | Five | Probability | Chapter 3 |
| | Six | Probability | Chapter 3 |
| <i>Week 4</i> | Seven | Probability Distributions | Chapter 4 |
| | Eight | Review | Chapters 1-3 |
| <i>Week 5</i> | Nine | Midterm #1: Chapters 1-3 & the Binomial | |
| | Ten | Two Random Variables | Chapter 5 |
| <i>Week 6</i> | Eleven | Sampling | Chapter 6 |
| | Twelve | Point Estimation | Chapter 7 |
| <i>Week 7</i> | Thirteen | Point Estimation | Chapter 7 |
| | Fourteen | Confidence Intervals | Chapter 8 |
| <i>Week 8</i> | Fifteen | Confidence Intervals | Chapter 8 |
| | Sixteen | Hypothesis Tests | Chapter 9 |
| <i>Week 9</i> | Seventeen | Hypothesis Tests | Chapter 9 |
| | Eighteen | Analysis of Variance | Chapter 10 |
| <i>Week 10</i> | Nineteen | Non-Parametric Statistics | Chapter 16 |
| | Twenty | Review | Chapters 6-9, 16 |
| <i>Finals</i> | | Final Exam | |
| <i>Week</i> | | Wednesday June 8 th 11:30–14:30 | |