I. Objectives

This is an introductory class in statistics. Its target audience is students in economics. However, students from other social sciences, the biological sciences and engineering are also welcome. After this course, students will have a thorough understanding of:

- Statistical reasoning
- Probability theory
- Properties of the Normal Distribution
- Estimation
- Inference
- Hypothesis Testing
- Correlation
- Regression.

It is expected that upon completion of this course, students will be able to:

- Conduct a statistical test
- Read basic scientific work that uses statistics
- Interpret claims based on statistical evidence critically.

II. Text Book

There is no required textbook for the class. Lecture notes will be posted online as we proceed. Class attendance is crucial. An optional textbook is available at the bookstore:


This material has not changed during the past 100 years so if you want to buy an older addition online that is fine.

III. Office Hours

Office hours are Friday from 10:00 to 12:00. I will keep a sheet posted to my office door where students can sign up for 20 minute slots. Feel free to drop by with a classmate for the sake of efficiency if you wish. Make sure that you sign up by 2:45 PM on Thursday. Please come to my office prepared. The TA (XX) will hold office hours on MW from
XX in office XX. In addition, I will be available after classes for 15 minutes during lecture days. So, you will have one-on-one access to the TA and I five days out of the week.

IV. Grading and Course Structure

About every three weeks, we will discuss a problem set and then have a quiz the following class. The problem sets will not be graded, but the quiz will borrow heavily from the problem sets. The two lowest quiz scores will be dropped. No make-ups will be given. There will also be a final exam. Your grade will be determined by the formula:

70% Quizzes
30% Final

Grades will be assigned according the following formula:

- 98-100 A+
- 95-97 A
- 90-94 A-
- 85-89 B+
- 80-84 B
- 75-79 B-
- 70-74 C+
- 65-69 C
- 60-64 C-
- <59 F

I typically need to curve the grades at the end of the day. However, I will not curve the “A’s.” I may need to alter the scale for other grades.

IF YOU ARE FAILING BY THE END OF THE WITHDRAWAL PERIOD, I HIGHLY RECOMMEND THAT YOU DROP THE COURSE.

If you are facing a medical, family or personal issue during the semester that is impeding your ability to perform in the class, please let me know ASAP so that we can deal with it.

V. Disability Access

If any student requires special accommodation, I strongly encourage you to contact KOKUA at kokua@hawaii.edu or 956-7511. They are very good and there to help you.

VI. Important dates are below:

- Sep 4 PS1
- Sep 6 Quiz 1
- Sep 25 PS2
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<tr>
<th>Date</th>
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<tbody>
<tr>
<td>Sep 27</td>
<td>Quiz 2</td>
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<tr>
<td>Oct 16</td>
<td>PS3</td>
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<td>Oct 18</td>
<td>Quiz 3</td>
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<td>Nov 1</td>
<td>P34</td>
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<td>Nov 6</td>
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<td>Nov 8</td>
<td>Quiz 4</td>
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<td>Nov 29</td>
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<td>Dec 4</td>
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FINAL EXAM IS SET FOR DEC 13 215-415.