University of Hawaii at Manoa
Department of economics
Economics 321: Introduction to Statistics
(Tentative)

Summer 2009
M-F 1:30 – 2.45 pm
Room: TBA

Instructor : Kaewkwan Tangtipongkul (Katie)
Office Hour: Room SAUND 525
TBA
Email: tangtipo@hawaii.edu

Text: Triola, Elementary statistics using excel 4th edition

(Bringing calculator and statistical tables to class are recommended. They will be frequently used for in class examples)

Course Description

The basic statistical ideas, technique, and methods will be covered including probability, frequency distributions, data description, the normal distribution, confidence intervals, hypothesis testing, correlation, regression analysis, and analysis of variance.

Course Goals

This course is to help you gain an intuitive understanding of statistics and apply statistics to analyze different types of problems.

Prerequisite

None

Grading

Grade will be based on the following:

Assignments:	20%
Class participation:	10%
Midterm 1:	20%
Midterm 2:	20%
Final exam:	30%

The exams will be consisted of multiple choices, short answers and problem solving. There are no make-up exams. Plus and minus grade will be assigned

Assignments

Homework consists of problem solving and exercises on the Excel. In order to be fair to all class members, I will not accept homework submitted after class time on the due date. This policy will be strictly enforced, with exceptions only for documented illness and documented University functions such as athletic travel.

Class participation

Class participation may provide extra credit point when indicated by the instructor.
Tardiness, absence or leaving early are not acceptable excuses for not knowing information or important announcements covered in class.
Please turn off your cell-phones during class

Academic Honesty

Cheating and plagiarism will not be tolerated. Failure to comply with University of Hawaii guidelines of academic honesty may result in a failing grade in the courses and further action taken by the university. Please do not attempt to test the boundaries of this guideline.

I reserve the right to make any changes to class policy and schedule. You will be informed of any changes that occur.

Tentative Class Schedule

Session	Date	Topic	Reading List
1	26 May	Introduction to Statistics	Chapter 1&2
2	27 May	Summarizing and Graphing Data	Chapter 2
3	28 May	Summarizing and Graphing Data	Chapter 2&3
4	29 May	Statistics for Describing, Exploring, and Comparing Data	Chapter 3
5	1 June	Statistics for Describing, Exploring, and Comparing Data	Chapter 3&4
6	2 June	Probability	Chapter 4
7	3 June	Probability	Chapter 4&5
8	4 June	Discrete Probability distributions	Chapter 5
9	5 June	Binomial Probability Distributions	Chapter 5
10	8 June	**Midterm I**	
11	9 June	Normal Probability distributions	Chapter 6
12	10 June	Normal Probability distributions	Chapter 6
13	11 June	**Holiday: Kamehameha Day observed**	Chapter 6
14	12 June	Normal Probability distributions	Chapter 6&7
15	15 June	Estimates and Sample Sizes	Chapter 7
16	16 June	Estimates and Sample Sizes	Chapter 7&8
17	17 June	Hypothesis Testing	Chapter 8
18	18 June	Hypothesis Testing	Chapter 8
19	19 June	Hypothesis Testing	Chapter 8
20	22 June	**Midterm II**	
21	23 June	Inferences from Two Samples	Chapter 9
22	24 June	Inferences from Two Samples	Chapter 9
23	25 June	Inferences from Two Samples	Chapter 9
24	26 June	Correlation and Regression	Chapter 10
25	29 June	Correlation and Regression	Chapter 10
26	30 June	Correlation and Regression	Chapter10
27	1 July	Review session & Study day	
28	2 July	**Final exam**	