Course Description
This course is intended to introduce students in the Economic department to the basic concepts of statistics and their application in economics. Topics include an overview of statics, graphical and numerical descriptive statistics, probability distributions for discrete and random variables, sampling distributions, confidence intervals and hypothesis testing, correlation and regression. The emphasis is on developing statistical reasoning skills and concepts; computational skill is secondary. Completion of an extensive statistics project is an essential component of the course. Students are taught the use of statistical software to handle the computations.

Suggested Reading
This course will rely on instructor’s notes and the textbook:

(It is recommended that you bring your textbook to lectures, as it will be frequently used for in-class examples and necessary statistical tables.)

Prerequisite
None

Homework
Suggested homework problems from the textbook will be assigned. Homework problems are optional but are intended to prepare you for quizzes and exams.

Quizzes
There will be ten quizzes tentatively given on the lecture day following the completion of each chapter, with the first quiz given after the completion of chapter 3. The quiz may cover any topic covered up to that point in the class, but will probably focus on the completed chapter’s material. Most of the quizzes will be brief and worth only five points; other quizzes may be worth more. The lowest three grades will be dropped. Quizzes may not be made up under any circumstances.

Exams
There will be two exams given during class hours. Makeup tests will ONLY be given to students who contact me within 48 hours of missing an exam. Students who contact me within 48 hours with a valid, verifiable reason for missing a test may take a makeup
without penalty; those who have missed a test without a valid, verifiable reason may take a makeup with a 30% penalty. The tests will not be cumulative.

**Projects**
There will be an extensive group project. It will consist of three short assignments and a final presentation, which will have an oral and written component. The project topic will be announced on March 10. Please make sure to follow the instructions for each assignment carefully. Participation grade consists of project presentation and peer review feedback.

The following information will be a guideline for the project presentation section of the course (starting week after last quiz):

**Peer Review Outline:**
You will review all presentations except your own. Turn in each days review at the end of each class. Please write reviews on one side of one continuous page for the day.
- Names of presenters
- Project topic description
- Suggestions or questions (if any)

**Presentation Guideline:**
- Write names of those in your group on chalkboard.
- Introduce topic (what is interesting about topic/why did you choose it?). Write null and alternative hypothesis on chalkboard.
- Discuss how the study was designed, potential challenges, and results (if any).
- Open discussion for peer feedback (any questions/suggestions?).
- Erase chalkboard.

**Attendance**
Class attendance is mandatory. If you do miss a class, it is your responsibility to make up the material and make sure your work is turned in on time. If you have a special circumstance that may interfere with your regular attendance, please discuss it with me.

**Grades**
Grades will be weighted as follows:
- 30% two test grades
- 50% project grade
- 15% quizzes (highest 7 quiz grades)
- 5% class participation and in-class work

**Academic Honesty**
Dishonesty includes cheating on a test, falsifying data, misrepresenting the work of others as your own (plagiarism), and helping another student cheat or plagiarize. Academic
dishonesty will result in a grade of zero on that particular assignment; serious or repeated infractions of the University of Hawaii guidelines of academic honesty will result in failure of the course and further action taken by the university. Please do not attempt to test the boundaries of this guideline.

**Cell phones and pagers**

I respect the student’s need for communication provided the following rules are followed without exception:

- Devices are set on vibrate or silent mode.
- Do not answer phone in class. Please leave instead of disrupting the instructor or those around you.
- All phone conversations are to be completed before reentering class.

**DISABILITY ACCESS**

If you believe that you need reasonable accommodations because of the impact of a disability, please 1) contact the KOKUA Program at 956-7511 or 956-7612 in room 013 of the QL Center for Student Services; and 2) speak with me privately to discuss your specific needs. I will be happy to work with you and the KOKUA Program to meet your access needs related to your documented disability.

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