Economics 321 - Introduction to Statistics (Fall 2016)
**Tentative – Subject to changes**

Instructor: David Ching
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Office: Saunders Rm# 507
Office hours: MW: 11:30-12:10 P.M.

TA: TBA

Please include TA in all emails, otherwise there is a good chance that your emails will get delayed responses.

Course Description
This three credit hour course is designed for the students who have little or no background in statistics. Statistics is an incredibly useful tool that we see almost everywhere in everyday life and our studies. The basic statistical ideas, techniques, and methods to be covered range from, but are not limited to: probabilities, frequency distributions, the normal distribution, confidence intervals, hypothesis testing, correlation and regression analysis. The math level in this course does not extend beyond algebra.

Student Learning Objectives:
- Develop a basic understanding of fundamental statistics concepts
- Utilize formulas and tables to calculate both descriptive and inferential statistics
- Form a foundation of basic understanding of statistics to continue in advanced coursework or utilize in both professional and personal endeavors.

Class Resources (The following course materials are available from the bookstore):

- Lecture Supplement workbook (in bundled package at UH bookstore or as a separate purchase): This will be used as the lecture guide and problems for the semester. It is recommended to use in lectures. ISBN: TBA


- Enroll in MyMathLab (Recommended that you enroll by the 2nd lecture day, or ASAP. After the end of 2nd week, enrollment in the system will be closed.)
  Course ID: TBA

- **Temporary FREE access is available**
  Go to their website MyMath Lab and look for this option. There is no excuse (financial aid delay or etc) for not enrolling in the class online system. Please keep screenshots or picture evidence of any problems you encounter if you hope to be granted any sort of “grace” in these instances. Once the temp access expires, all records and scores will be irretrievable and wiped clean by the
system (make sure you pay to make it permanent before this) This is a good option for students who are still deciding whether to stay in this class or not. 

(If you encounter any problems with the online system, contact their 24 hr customer service provided on their website. Note: I am an end-user like yourself, so I will not be equipped to deal with tech issues)

**Grading Schedule**
Grades will be based on the following:

- **Final Exam**: 35% (Dec.16, Noon-2p.m., same room)
- **Quizzes**: In-Class & online 30%
- **Homework**: 35%

Please note: The **final exam** is only given at the scheduled time. Please do not attempt to arrange a change for cheaper airline tickets, other course final exam issues or similar convenience issues. They will not be granted.

**Attendance will be (randomly) taken in class** - attendance is mandatory. You are allowed 3 unexcused absences for which you do not have to contact us. After that, any additional absences will result in a 1% deduction from your final course grade.

**Homework**

Required homework will be assigned either online through MyStatLab online through Pearson publishers. If you miss a deadline for any reason, you can still complete it with a 15% point deduction. It will be automatic, so no need to call, explain, or ask for leniency. Just get to the assignment before the end of the term.

**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 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:

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

Please respect these rules so no other steps need to be taken to assure compliance.
Additional Info

The online homework, and the chalkboard examples are both important for preparing you for quizzes and exams.

Extra Credit: I will not be assigning extra credit, unless it is available to the entire class. Please do not request individually.

Calculators are essential to this class. You are not required to get a fancy and pricey TI-8xx, but the calculators that have the ability to handle exponents and n-th roots and to utilize multiple memory keys (useful for storing totals calculated, and reduces chances of transposition errors and key entry errors) are recommended.

We will be focusing on the understanding of the theories, and using the “classical methods,” and therefore any particular software (Excel, Minitab, etc.) lessons must be pursued individually by students (see me outside of lecture time for additional questions/guidance in these). However, each chapter section provides a quick step-by-step for a few popular statistical packages and the Texas Instruments calculators.

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

Chapter Coverage:
1 Data Collection
2 Descriptive Statistics
3 Numerically Summarizing Data
Possible 1st quiz
Skip 4 until later
5 Probability
6 Discrete Probability Distributions
Possible 2nd quiz
7 The Normal Probability Distribution
8 Sampling Distributions
Possible 3rd quiz
9 Estimating the Value of a Parameter
10 Hypothesis Tests regarding a Parameter
Possible 4th quiz
11 Inferences on Two Samples
4 Describing the Relationship Between Two Variables
12 Additional Inferential Procedures
MyMathLab (coursecompass): To enroll in a typical course, a student needs to have a:

- **Student access code, a valid credit card, or a PayPal account**—Students get an access code with a new book purchase or by buying the code separately in a student access kit/card at the campus bookstore. Students can also buy access to a course online with a credit card or PayPal account while they are enrolling. The student access code is nontransferable and can be **used only once**.

If a student is waiting for financial aid, they can access your course without payment. This option grants a student temporary access to your course for 14 days.

- **Course ID** – TBA

A student who already has a Pearson account performs the steps in Registering and Enrolling in a New Subject below to enroll in a new course.

Register and Enroll in a New Subject

1. Go to the [MyLab and Mastering website](#) and click Student in the Register area.

2. Enter the course ID (TBA) for your new course, and click Continue.

3. Follow the instructions to either:

   **Use a student access code, purchase access online**

To use a student access code:

1. Go to the [MyLab and Mastering website](#) and click Student in the Register area.

2. Enter the course ID: TBA, click Continue.

3. After verifying your course information, enter your username and password, and click Sign In.

4. If you don’t have a Pearson account, click “Create an account.”

5. Complete the Create an Account page. Helpful hints display to guide you.

6. Read and accept the license agreement.

7. Optionally, you can select the check box to help us make our products better and learn about new offers.

8. Click Create Account.
9. Click **Access Code** and enter your six-word access code in the boxes.

10. Click **Finish** to complete your registration.

11. Click **Go to Your Course** to access your online course.

**To purchase course access online:**

1. Go to the [MyLab and Mastering website](#) and click **Student** in the Register area.

2. Enter the Course ID (TBA) and click **Continue**.

3. After verifying your course information, enter your username and password, and click **Sign In**.

4. If you don’t have a Pearson account, click **Create an account**.

5. Complete the Create an Account page. Helpful hints display to guide you.

6. Read and accept the license agreement.

7. Optionally, you can select the check box to help us make our products better and learn about new offers.

8. Click **Create Account**.

9. Select the button for the access level you want.

10. Select whether you want to pay with a credit card or use PayPal and enter payment information.

11. Click **Review** to review your order details. If you need to change anything, click the **Change** link.

12. Click **Make Payment** to submit your order.

**To request temporary access**

If a student is waiting for financial aid, 14 days of temporary course access without payment may be available. Instructions for enrolling:

1. Go to the [MyLab and Mastering website](#) and click **Student** in the Register area.

2. Enter the Course ID (TBA) and click **Continue**.
3. After verifying your course information, enter your username and password, and click **Sign In**.

4. If you don’t have a Pearson account, click **Create an account**.

5. Complete the Create an Account page. Helpful hints appear to guide you.

6. Read and accept the license agreement.

7. Optionally, you can select the check box to help us make our products better and learn about new offers.

8. Click **Create Account**.

9. To get temporary access to your course, click the link at the bottom of the page.

10. When a confirmation message appears, click **Yes** to complete your registration.

11. You will receive a confirmation email with payment instructions. Click **Go to Your Course** to access your course.

For more help with registration, go to the **Get Started for Students** area of the MyLab and Mastering website. For instructions on registration, watch the Register for your course videos.

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