Introductory Statistics
Math 140, Fall 2008

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Office Hours. To be announced.

Class meeting time & place. Monday, Wednesday Friday, 1:00-1:50 PM, USU 2207B (University Student Union), plus Recitation one hour Friday.

Topics. Introduction to Data Exploration and Inference, Distributions, Measures of Center and Spread, The Normal Distribution, Surveys and Experiments, Randomization, Sampling distributions of Sample Mean and Sample Proportion, Probability, Conditional Probability, Independent Events, Inference for Proportions, Inference for Means, Relationships between two quantitative variables.


Prerequisites. A passing score on the ELM test (Entry Level Mathematics Examination, http://www.ets.org/csu/elm.html. or a waiver is required for this class.

Assessment. Your grade will be based on attendance, homework, quizzes, three in-class exams, and a final exam.

Attendance. Attendance is considered mandatory; attendance means on time attendance. Repeated absences will affect your grade.

Homework. Homework will be assigned regularly. You will be required to access WebWork to complete most homework assignments. WeBWorK is an internet-based homework delivery system. To access WebWork (starting the week of September 1st) go to the following website webwork.csun.edu. After clicking your Professor’s name you will be asked to type your username and password. Your username is the first part of your csun email address (for example if your email address is john.doe.43@csun.edu, then your username is john.doe.43). Your password is your student ID number with no starting zeros. Please change your password after logging in for the first time. Refer to the “First Steps for Students” document for instructions on how to use WebWork. It is located in the upper left corner of webwork.csun.edu.
Quizzes. Several quizzes will take place during the last 10-15 minutes of some Friday’s classes during recitation. These quizzes will include one or two questions. Each question is worth 3 points: **3 points**, all parts of the question are answered accurately and completely. All directions are followed. **2 points**, answer deals correctly with most aspects of the question, but something is missing. May deal with all aspects but have minor errors. **1 point**, addresses item but only partially correct; something correct related to the question. **0 points**, does not address task, unresponsive, unrelated or inappropriate. There will be **no make-up quizzes**.

In addition, we will have an assessment test taken at the beginning and towards the end of the semester. This test will be given on-line and you will get bonus points just for participating, your actual score will have no effect on your grade. However, you should take it seriously since it is a tool we use to determine how effective our delivery of the class material is.

In-class exams. There will be four in-class tests. You will have the entire class period (50 minutes) to work on each test. **Make-up tests** will be given only in case of an emergency. A justification note is necessary. Tentative dates to be posted later.

Final Exam. This exam includes all topics covered during the semester. Monday December 15th, 12:45-2:45 PM in USU 2207B.

Grading Scheme. It is as follows:

- **2%** Attendance
- **10%** Homework
- **10%** Quizzes
- **48%** In-class exams (16% each)
- **30%** Final exam

The ± will be used when assigning final grades. 90% guarantees an A, 80% a B, 70% a C, and 60% a D.

Calculators. A **TI-83** is required. It will be used during regular class meetings and all exams. It will aid the statistic study and understanding of quantitative data.

Important Notice. The last date to drop the class is September 12th.