EDP 371
Introductory Statistics
Spring 2011
Unique 10390

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Office Sanchez 244D

Hours Tuesday 130pm-3pm
Wednesday 9am-130am
Thursday 130pm-3pm

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mathematical skills While this course is not completely mathematical, it is founded upon the use of mathematical tools. Thus some fundamental mathematical skills are essential for successful mastery of the material. Students are expected to have baseic algebra skills including the ability to solve single-variable equations. Students should have a basic understanding of exponents and square roots, as well as the order of operations, proportions, fractions, decimals, percentage and negative numbers. Your textbook contains an appendix which is a review of the skills needed for the course.

calculator If you already possess a graphng calculator, it has all of the capabilities needed for the course. If you do not have a scientific calculator, I recommend a Texas Instruments TI-30XIIS or a Texas Instruments TI-36X.

TAs Ryoungsun Park
SZB 506G
512-471-0498
Tuesday 11-1230
Wednesday 1130-1

Rommel Lazo Bunuan
806-577-8048

rommel.l.bunuan@gmail.com
SZB 506N
Wednesday 1030-12
Friday 1-230

Homework The homework will not be graded. You are strongly encouraged to do the homework, however. Reading statistics does not ensure mastery. As with many other skills, the best way to master statistics is through practice. There will be homework problems associated with each topic. Once a topic has been covered in class, the homework should be completed. The homework will typically be a combination of problems in the text along with some problems that I have made up.

I will make a key available to you for each homework. It is the student's responsibility to check their work and ensure their mastery of the relevant material. Do come to office hours with the TAs and the instructor if you have any questions.

A WARNING The early material in the course will be *descriptive statistics*. Most students find this relatively easy to master. Many are lulled into complacency because of this. However, the majority of the course will concentrate on *inferential statistics* which is difficult to master for most students. Thus, more effort is required to master inferential statistics. If you do not follow the suggestions, there is a good chance that you will not do well in the course.

Exams and Grading There will be four exams. The exams will focus on the material covered during the most recent class segment. These exams provide students with an incentive to synthesize the material being covered and an opportunity to practice the skills being learned. More detail will be provided about the material assessed by each exam closer in time to the actual exams. It should be noted that most of the statistical skills acquired during the class are constantly building upon earlier learning. This means that even though each exam will focus on the preceeding secion of the course, students might need to recall skills learned in earlier sections. There will be four exams the last of which will be a final on the date and time determined by the university. Each exam will be worth 100 points. Thus your final grade will be based on 400 possible points. The scale will be as follows. You can multiply your points by 2.5 to get the grades on scale out of 1000 points You can multiply your points by 2.5 to get the grades on scale out of 1000 points Grades will be assigned as follows:

A: 930-1000

A-: 900-929

B+: 860-899

B: 830-859

B-: 800-829

C+: 760-799

C: 730-759

C-: 700-729

D+: 660-699

D: 630-659

D-: 600-629

F: 0-599

> Exams will consist of true-false, multiple-choice and short-answer questions and computational problems. Students will be given one class period to complete the exam.

materials Students will be given a formula sheet and necessary tables for each exam. Students should bring a calculator.

Makeup exams Only in exceptional circumstances (which does not include family vacations, weddings, routine doctor's appointments, job interviews, etc.) and only with **prior** permission from the instructor, or with a verifiable medical excuse, will students be able to take a makeup exam. The student must provide medical proof of illness. The student is responsible for notifying the TA and the instructor by the day of the exam that they cannot attend the exam. Without permission or a medical excuse, the student will receive a zero for the missed exam.

Schedule of topics I will use the chapters in the book as a template for what I will cover. However, there are topics in the book that I will not cover. I know that I will definitely not cover the binomial distribution, repeated measures ANOVA, perhaps multiple regression if we don't have time and also the last chapter on the binomial test. A topic that I hope to cover that is not in the book is constructing confidence intervals for proportions; this will help you understand opinion polls. Be forewarned that my lectures will not follow the book lock step. I will typically present the topics differently from the book. It is hoped that by attending class in addition to reading the book you will grasp the concepts. I will probably make adjustments to the topics that will be covered as the semester progresses.

Exam dates I will provide a study guide before each exam. Tentatively, I am shooting for having an exam the third, seventh, eleventh week of class along with a final on the date and time determined by the final schedule put out by the university.

Subject Pool requirement To receive credit for this class, students are required by my department to participate in the Educational Psychology subject pool. An alternative assignment will be offered by those in charge of the subject pool for students not willing to participate.

Disability Accommodation Students with disabilities who require special accommodations need to get a letter that documents the disability from the Services for Students with Disabilities area of the the Office of the Dean of Students (471-6259 voice or 471-4641 TTY for users who are deaf or hard of hearing). The letter should be presented to the instructor in each course at the beginning of the semester and accommodations needed should be discussed at that time. Five business days before the exam, the student should remind the instructor of any accommodations that will be needed. See the following website or more information: http://deanofstudents.utexas.edu/ssd/providing.php

Communication In this course email will be used as a means of communication with students. You will be responsible for checking your email regularly for class work and changes in announcements. I prefer that you contact me via email and not by phone unless absolutely necessary. I do check email several times each weekday. You will be responsible for checking the Blackboard course site regularly for class work and announcements.