Instructor: NAIJUN SHA, Bell Hall 203, e-mail: naijun@math.utep.edu
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Office Hours: TR: 1:00-2:00pm or by appointment
Math Dept. Office: Bell Hall 124, 8-12 & 1-5pm, 747-5761, answering machine after hours

Course Description: Introduction to concepts of data summary, sampling, and statistical inference. Will cover such topics as descriptive statistics, sampling, sampling distributions, confidence intervals, hypothesis testing for one- and two-sample problem), analysis of variance, chi-square 2 way tests, and simple linear regression.

Prerequisite: It should be emphasized that this course will cover a great deal of quantitative material at a RAPID pace. Students who have had difficulty in previous quantitative courses, or who have not had a quantitative course in several semesters, may find that this course requires a considerable amount of time and effort, and should plan accordingly. A course in finite mathematics which includes some probability, i.e. MATH 1320 or 1411 and a basic understanding of Windows, MSWord and Minitab will be helpful.

Texts: Introduction to the Practice of Statistics, by David Moore & George McCabe
Also, a 3 1/2” HD floppy disk and a calculator will be needed.

Grading:
Homework & Quizzes 20%
Mid-Exams 20% each - 3
Final exam 20%
The final grade is based on a scale of 90 - 100 = A, 80 - 89 = B, 70 - 79 = C, 60 - 69 = D, below 60 = F.
Attendance and class participation will be used to help decide borderline grades.

Exams: There will be three one hour long 20 question multiple choice exams plus the final.

Make-up Exams: IF you notify me BEFORE the exam AND have a university excuse for missing the exam, you may take the make-up exam arranged by the instructor.

Homework: NO LATE HOMEWORKS WILL BE ACCEPTED!
1. Homework will be assigned AT LEAST ONE every week and will be due at the beginning of class on the assigned due date. If you find you cannot be in class the day an assignment is due, please be sure it is in my departmental mailbox before 12 NOON on that day. I want you to try ALL of the problems assigned, so please don’t omit any. More points will be taken off for missing a problem than having an incorrect answer. You may ask any questions before the homework is due.
2. All homework assignments must be typed using MSWord, or an equivalent, and STAPLED. Your name, SSN, and course number must be in the upper right-hand corner of each page (use a Header in MSWord).
3. You may do the computer work with your lab partner, but each student must answer the questions individually and turn in a complete set of homework each week. Obviously, the computer part will be the same, but you will get a ZERO if your solutions are exact copies of someone else’s.

Quizzes: A quiz will count the same as a homework. There will be approximately 9 homeworks and 3 quizzes (without announcement in advance).

WARNING: As commonly defined, plagiarism consists of passing off as one’s own ideas, words, writings, etc., that which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you have permission of that person.