

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #: **11845**
Course Title: Descriptive and Inferential Statistics
Credit Hrs: 3
Term: Fall 2015
Course Meetings & Location: **MW 3:00 pm - 4:20 pm; Liberal Arts Building 101**
Prerequisite Courses: Adequate score on a placement examination or MATH 0311

Instructor: Francis Biney
Office Location: Bell Hall 215
Contact Info: Phone # 915-747- 7004
E-mail address: fbiney@utep.edu
Emergency Contact: 915-747-5761 (math dept office)
Office Hrs: Mon 10:00 am -12:00 pm and Tue 10:30 am - 12:00 pm
Textbook(s), Materials: Required: Seeing Through Statistics, 4th Edition, by Jessica M. UTTS.

Course Objectives
(Learning Outcomes): This course will expose you to typical intro topics but with particular emphasis on and grounding in conceptual understanding and statistical literacy in real life. You'll be able to critically evaluate statistics commonly found in the media and in your major field. You'll become acquainted with what is involved in the collection, interpretation, and communication of real-world data to explore questions of interest – like statistics related to Presidential elections! You'll gain background that will help you answer probability and statistics questions and make appropriate connections to the real life problems and your research goals.

Activities and
Assignments: Students will be expected to attend lecture, read the book, practice the concepts by solving problems from the textbook assigned for homework, and complete projects. Statistical software (Minitab etc.) is encouraged to use for homework assignments. In-class group activities will be used to encourage active learning. Study groups to discuss the problems and brainstorm approaches to problem solving are encouraged. However, the written assignments turned in for grading are to be your own work and reflect your individual effort.

Important Dates: **Sep 9th** - Class Census Day. If a student drops before the census date, neither the course nor a grade will appear on the student's academic record. This is the last day to drop without a W.

Oct 30th - Course Drop Deadline:

Students will not be dropped by the instructor. Students who decide to drop the course must process a drop form, in person, at the Registrar's Office, by Oct 30th.

Dec 7th , 1:00 pm – 3:45 pm- Final Exam

Grading Policy: You will be graded on homework, group work, in-class examinations, and the project. The course grade is based on:

25% Graded Homework Assignments (drop lowest homework grade)

40% Two midterm exams (20% each)

5% Attendance

30% Final exam

Calculators may not be shared on exams. Cell phone calculators are not permitted on exams.

Letter grades are determined according to the following scale:

A: 90-100 B: 80-89 C: 70-79 D: 60-69 F: <60

Make-up Policy: Late homework is not accepted. Make-up examinations will not be given. Students are required to take the two midterms and final exam at the scheduled times.

Attendance Policy: Class attendance is required and noted at the beginning of class; more than three unexcused absences will result in an instructor-initiated drop or final grade reduction.

Academic Integrity

Policy: Violations of academic integrity, including unauthorized submission of work performed by others, will be pursued vigorously to result in the most severe sanctions. Please refer to the Regents' [Rules and Regulations](#), which are available for inspection electronically at <http://www.utsystem.edu/bor/rules/homepage.htm>

Civility Statement: No text messaging in class. Please silence cell phones before coming to class. Students are expected to actively participate in class discussions and group activities. Group work that is not completed in class is to be finished as homework, so use the class time wisely by staying focused on the class topic and avoiding chit-chat.

Disability Statement: If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at <dss@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.

Military Statement: If you are a military student with the potential of being called to military service and /or training during the course of the semester, you are encouraged to contact Mr. Biney, as soon as possible.