

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

Course #: 22941
Course Title: STAT 2480: Elementary Statistical Methods
Credit Hrs: 4
Term: Spring 2015
Course Meetings & Location: TR 9:00 am - 10:20 am in Physical Science Building 222A
W 9:30 am - 10:20 am; (Lab) Physical Science Building 218

Prerequisite Courses: One of 1320, 1508, 1411, TCCN 1314 or equivalent
Course Fee: (if applicable) None
Instructor: Mr. Francis Biney
Office Location: Bell Hall 215
Contact Info: Phone # 915-747-7004
E-mail address: fbiney@utep.edu
Fax # 915-747-5806
Emergency Contact: 915-747-5761 (math dept office)
Office Hrs: TBA
Textbook(s), Materials: Available only on Pearson website and UTEP Bookstore
Component 1- 1st Custom Edition of Statistics: The Art and Science of Learning from Data.
Component 2- MyMathLab + Full Ebook
ISBN Number 126938998X

Package Price on Pearson Site: \$87.33 list

Here is the url link for the Pearson Site:

<http://store.pearsoned.com/texaselpaso/stat>

Course Objectives
(Learning Outcomes): The students are expected to go beyond mere statistical literacy. At the end of the course a student will have the necessary skills:
To design an experiment for the collection of data that will answer a simple research question; To write out a plan for statistical analysis of data collected; To carry out a planned statistical analysis; and To provide a written report of the findings including a summary of ways the study could be improved; To read a scientific paper for the purpose of critiquing the strengths and weaknesses of the experimental design and the statistical analysis, and comment on the appropriateness of the conclusions based on the analysis presented.

Activities and Assignments: Students will be expected to attend lecture and lab, read the book, practice the concepts by solving problems from the textbook assigned for homework, and complete a group project. The textbook problems will be supplemented with computer assignments requiring the use of statistical software Minitab available in the UTEP library, UGLC computer lab, and the ACES computer lab in Bell Hall. Statistical software instruction will be provided in the lab.

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, all graded assignments and computer programs turned in for grading are to be your own work and reflect your individual effort.

Course Schedule: **Feb 4th** - 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.

Apr 6th- Course Drop Deadline

May 12th (Tuesday)- Final Exam from 10:00 am – 12:45 pm

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

20% Homework Assignments (due at the beginning of class)
5% Pre-Lab online quizzes (completed before the lab meets)
5% Post-Lab quizzes (given in class after the lab meets)
15% Exam I
15% Exam II
20% Cumulative Final Exam
20% Project

Projects that are used (or have been used) to satisfy the requirements of another course are not acceptable. For example, Field Biology projects may not be used to satisfy the project requirement of this class.

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

Letter grades are determined according to the following scale:

Grade	Score
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: Lecture and Lab attendance are required and noted at the beginning of class; more than a total of TWO unexcused absences (from lab plus lecture) will result in an instructor-initiated drop or final grade reduction. Your academic advisor will be consulted before final action is decided and taken.

Academic Integrity Policy: The University policy is that all suspected cases or acts of alleged scholastic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts.

Each student is responsible for notice of and compliance with the provisions of the Regents' [Rules and Regulations](#), which are available for inspection electronically at <http://www.utsystem.edu/bor/rules/homepage.htm>.

All students are expected and required to obey the law, to comply with the Regents' [Rules and Regulations](#), with System and University rules, with directives issued by an administrative official in the course of his or her authorized duties, and to observe standards of conduct appropriate for the University. A student who enrolls at the University is charged with the obligation to conduct himself/herself in a manner compatible with the University's function as an educational institution.

Any student who engages in conduct that is prohibited by Regents' [Rules and Regulations](#), U. T. System or University rules, specific instructions issued by an administrative official or by federal, state, or local laws is subject to discipline, whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct.

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 the instructor as soon as possible.