

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICS

Course #: STAT 1380 CRN 11554

Course Title: Descriptive and Inferential Statistics

Credit Hrs: 3

Term: Fall 2017

Course Meetings & Location: Monday and Wednesday 1:30pm – 2:50pm

Location: Liberal Arts Building (LART) 303

Prerequisite Courses: An adequate score on placement examination or MATH 0311

Instructor: Samantha Johnson

Office Location: Bell Hall 130 F

Contact Info: Phone # 915-747-5452

E-mail address sjohnson5@utep.edu

Emergency Contact 915-747-5761 (math dept office)

Office Hrs: Monday & Thursday 12:00pm-1:00pm

Tuesday 3:00 – 4:00pm

Before coming to office hours, please attempt the problems and complete the readings. I will ask to see your written attempt of the problem, and then assist you.

I understand meeting in person is not always feasible. If you choose to send an email to get help, I will do my best to explain the concept via this method. You should also attach a scan or photo of your work, so I can see what you've done.

Textbook, Materials: Required: **Seeing Through Statistics, 4th Edition Utts, Jessica M.**

You do not need the access code with this book, so used is fine. Please bring your book to class. The previous edition does not have the same assignment numbers, so use at your own risk.

Calculator with the square root function.

Most basic calculators have this option. Keep in mind, you will not be allowed to use cell-phone or computer calculators during the quizzes and exams.

“Low-Tech” Clicker (ABCD cards)

Please print this sheet and bring the cards to every class.

<http://www.math.utep.edu/Faculty/lessner/ABCDclassResponseCard.pdf>

Blackboard (the course website). I will post readings, homework assignments, announcements and grades. Please check it regularly

Course Objectives: This course will explore a variety of statistical concepts with emphasis on real life applications. After successfully completing this course, a student will be able to critically evaluate statistics found in the media and their field of study. The class will introduce the topics of data collection, interpretation, and communication of real-world data. We will also explore the limitations of statistical models/methods.

Course Activities: Students are expected to participate in course discussions, which are often done in small group settings during class. Reading of chapters before class is imperative to meaningfully participate in class.

Quizzes will be given weekly to encourage constant contact with the reading and discussion material.

Students will practice concepts covered in class by completing homework problems. Statistical software (Minitab, R, Excel etc..) will be helpful in completing some homework assignments, and is allowed on any assignment.

Two in-class exams will assess mastery of content.

A final project and presentation will be completed to cumulatively apply statistical concepts learned in a real-life application Project details can be found on Blackboard under Project Resources

Study groups to discuss problems and approaches are encouraged, but turned in written work must reflect an individual’s own effort. In-class exams will be administered to assess mastery of concepts.

Grading Policy: Students will be graded on preparations quizzes, homework assignments and in-class exams. The final grade for the course will be calculated as follows:

20% Exam I

20% Exam II

25% Final Project and Presentation

15% Quizzes

20% Homework Assignments (10% Blackboard Homework, 10% Mini Projects)

Letter grades are determined by the following scale:

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

Double check your grades in Blackboard for accuracy. Discrepancies should be reported to me within **1 week** of returned paper.

Make-up Policy: If it is unavoidable to miss lecture, please contact one of your classmates to get notes.

Late Homework: Homework not submitted by the due date will not be accepted. Except in cases of true emergency, arrangements to turn in homework before the due date are needed.

No make-up quizzes will be given. If your absence is excused, I will proportionally adjust your grade.

If you miss the midterm or exam due to emergency or illness, I need to receive documentation **in person** within **2 days** of the exam or it is forfeited. If you are aware you will miss an exam in advance I need to be notified at least **2 days before** the missed exam with appropriate accompanying documentation. If you fail to reschedule the make-up exam within a week of the original exam, you will forfeit the grade.

For an absence to be excused, I will need some sort of documentation i.e. a doctor's note or official university correspondence. In case of an emergency, please send me an email sjohnson5@utep.edu as soon as possible to let me know what is happening.

Attendance Policy: Attendance is required for success, as with any college course. This class is largely based on group activities and in class discussions that cannot be replicated outside of the classroom.

I will not drop you from the class automatically due to failure to attend. If you decide to drop the class, you are required to do all formal paperwork for that process. The drop day is **November 3**. After this date, no drops will be issued.

Academic Integrity Policy: From UTEP's Handbook of Operating Procedures "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".
<http://admin.utep.edu/Default.aspx?tabid=73922>

I take academic dishonesty very seriously. If I suspect any violations, I will report the incident to the Dean of Students for investigation.

Civility Statement: Students are expected to remain respectful while participating in class discussions. Technology may be used in the classroom if it is not distracting to other students. You will be asked to leave if you disrupt the learning process of others.

Disability Statement: If a student feels he or she has a disability and needs classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in Union East, Room 106.

For additional information, please visit the CASS website at www.sa.utep.edu/cass. CASS' Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities. The student is responsible for delivering any letters or correspondence from CASS to the professor.

Military Statement: If you are a military student with the possibility of being called away for training/duty please contact me **before** you leave, so we can make appropriate accommodations

Course Schedule: Notable Dates:

August 28 – First Day of Classes

September 4 – Labor Day, No Class

September 13 – Census Day

October 4 – Exam I

November 3 – Drop Deadline

November 13– Exam II

December 13 – **Final Exam Period** 4:00 – 6:45 pm in normal classroom

Final Projects are Due

Please check Blackboard for homework due dates and a more detailed topics schedule.