

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

Course #: STAT 1380 CRN 21585
Course Title: Descriptive and Inferential Statistics
Credit Hrs: 3
Term: Spring 2017
Course Meetings & Location: Tuesdays and Thursdays 12:00-1:20pm
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: Tuesdays and Thursdays 1:30-3:00pm or by appointment

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/lesser/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 lecture discussions by completing pre-lecture reading assignments/problems. Preparedness will be evaluated by unannounced in-class quizzes. These quizzes will be closed book/notes.

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

Letter grades are determined by the following scale:

A: 90-100 B: 80-89 C: 70-79 D: 60-69 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/time is subject to a 20% credit deduction per day it is late.

I do not give make-up quizzes. 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.

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 **March 30**. 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:

January 17 – First Day of Classes

February 1 – Census Day

February 23 – Exam I

March 13-17 – Spring Break, No Class

March 30 – Drop Deadline

April 11 – Exam II

May 1-4 – Presentations of Projects

May 4 – Last Day of Classes

May 5 – Dead Day

May 11- Final Reports Due

May 9 – Final Exam Period* 1:00pm-3:00pm in normal classroom

*Only if needed for extra presentation times.

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