

STAT 1380

Statistical Literacy

Course Information

Classes: MW 9:00 A.M.-10:20 A.M. COTTON 201

Term: Spring 2023

Instructor: Victor Hugo Jiménez Nava

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Office: Library 514

Office Hours: Tuesday, Thursday and Friday from 1:30 PM to 3:00 PM or by appointment.

Prerequisite: An adequate score on placement examination or MATH 0311 with C or better.

Text: Seeing Through Statistics (4th ed; 2015) by Jessica Utts.

Catalog Description:

A course in statistical literacy. Emphasis will be on standard descriptive measures of location, spread, and association. Regression, probability and sampling, and binomial distribution. Interpretation of data which occur in daily life (polls, weather forecasting, surveys, quality control, etc.) will be stressed. Critical thinking will be encouraged.

Assignments: There will be assignments and short projects from the book approximately every two weeks. Some of them might be turned in via Blackboard. Projects and assignments will not be graded on correctness, only on completion. Anyway, you are supposed to try to do these assignments and projects in good faith and in the best way you can. The instructor could ask randomly some of the students about their responses in the assignments or projects. “Play the game fairly!”.

Activities: They will be assigned in classroom and must be turned in, in the classroom. Activities will have to be done in groups or individually. They will be used mainly to extend some of the topics covered in the class. The same as with activities, they will be graded only on completion. Instructor expects you discuss with your classmates and the instructor when doing the activities. Come on! Express your opinion!

Discussion boards: On blackboard. If any, they will be used for extra credit.

Contents: The course will be based on the chapters 1-5, 7, 8, 10, 11, 14, 20, and 22 of the textbook (but we will not cover necessarily all the sections of each chapter).

Exams:

Exam 1. Chapters 1-5 (**In classroom**)

Exam 2. Chapters 7 and 8 (**In classroom**)

Exam 3. Chapters 10 and 11 (**Online**)

Final Comprehensive Exam (**In classroom**). It will include chapters 14, 20, 22 and the chapters previously seen in the course.

At least one week before an exam takes place, I will let you know, and some review problems will be available for you on blackboard. Your class notes will be very useful too.

Distribution of Credit:

Homework/Projects/Activities/	30%
Exams	50%
Final Exam	20%

Score (%) Final Grade

At least 85.....A

At least 75.....B

At least 65.....C

Classroom Behavior

Any personal conversations during a lecture are disruptive to the rest of the class and the instructor. Students who do not respect the rights of other people in the classroom will be asked to leave.

Attendance

Students are expected to attend lectures. Anyway, attendance is not mandatory. It is your responsibility to have a classmate to give you copies of notes, handouts, and announcements.

Academic misconduct

Academic misconduct (plagiarism, cheating, or any other form) is a very serious academic offense and will be dealt with rigorously.

Disabilities

If you have or believe you have a disability that will require accommodations or modifications, you may wish to self-identify by contacting the Disabled Student Services Office (DSSO; 747-5148; East Union Building room 108; slopez@utep.edu; www.utep.edu/dsso/) to show documentation or register for testing and services. DSSO will ask you to discuss needed accommodations with me within the first 2 weeks of the semester or as soon as disability is known, and at least 5 working days before an exam. DSSO provides note taking, sign language, interpreter, reader and/or scribe services, priority registration, adaptive technology, diagnostic testing for learning disabilities, assistance with learning strategies/tutoring, alternative testing location and format, and advocacy. All information provided to DSSO is kept strictly confidential.

Final Exam: The comprehensive final exam will be given during the finals week on date to be announced.

COVID-19 Statement

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you are feeling unwell, please let me know as soon as possible, so that we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID 19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org