

STAT 1380 Syllabus

Class Number: 15623

Credit Hours: 3

Meeting time and Location: 12:00 – 13:20 (Monday & Wednesday) @ LART 306

Prerequisite Courses: MATH 1319, 1320, 1508 or equivalent

Instructor: Yin Lin, Ph.D.

E-mail: ylin4@utep.edu

Office Hours: 4:00pm – 5:30pm (Monday and Tuesday) on Zoom

Emails will be answered between 9:00am -5:00pm Monday to Friday. Emails received outside of these windows will be addressed during the next period. I will make every attempt to respond to your e-mail within 24-48 hours of receipt. In the body of your e-mail, clearly state your question and be sure to put Stat 1380.

Textbook: You are not required to purchase a textbook for this class. The class materials are provided by Dana Center through Lumen Learning. We integrate the Lumen to Blackboard, so you don't need to access Lumen to complete your class work. All classwork will be on Blackboard. All intellectual property rights are owned by the Charles A. Dana Center or are used under license from the Carnegie Foundation for the Advancement of Teaching. The Texas Association of Community Colleges does not have rights to create derivatives.

Materials

- Scientific calculator which has statistical functions such as mean, standard deviation, etc
- One 3-ring binder for in-class activities and notes, etc.
- UT Dana Center Technology Tools: [DCMP Data Analysis Tools](#).

Course Overview

Course Objectives and Learning Outcomes

Statistical literacy emphasis 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.

This course emphasizes understanding and interpreting statistics in everyday life. We will explore topics ranging from medicine to economics and we will utilize statistics to help you understand and make sense of very complex topics. We do not focus on the theory behind statistics in favor of emphasizing the interpretation and correct understanding of statistical results in research and popular media.

Course Requirements

Structure of DCMP Course: The class curriculum is designed around about 25-minute in-class activities. These short bursts of active learning, combined with whole class discussions and summaries, produce increased memory retention. These 25 minute in-class activities are a part of a *three-step learning path*, which includes: a **preview assignment** (to be completed before class); an **in-class activity** (with **instructor support materials**); and a **practice assignment** (to be completed after class). Some in-class activities do not have a preview or practice assignment, but all in-class activities include instructor support materials.

Course Activities and Assignments:

You will need to read student corequisite Support and complete the previews before class; during class, take notes and attend the class activities; complete the practice assignment after class. All submitted assignments will be completed through Blackboard.

Required Work

1. **Preview Assignments (30%):** There will be daily Preview assignments that must be completed prior to class to be able to participate in the in-class activities and discussions. The average of all preview assignments will be used to calculate this grade. All preview assignments are posted on Blackboard LumenLearning platform and are due before covering that lesson in class. Each question has five attempts.
2. **In-Class Activities (10%):** There will be daily in-class activities, so attendance is part of this grade. Your participation is crucial to the learning during class time. The average of all in-class activity assignments will be used to calculate this grade. All in-class activities will be graded based on your participation and attendance in this class. Attending class every day is important to understand the material.
3. **Practice Assignments (20%):** There will be daily Practice assignments that must be completed after class. The average of all practice assignments will be used to calculate this grade. All practice assignments are posted on Blackboard and are due before midnight on Sundays. Each question has five submissions.
4. **Portfolio/Notebook (20%):** There will be 3 random days selected to grade your organized in-class activity handouts. In a 3-ring binder, keep all complete in-class activities in a whole punched folder, OR in a virtual drive, save all completed in-class activities. The average of all three notebook-checks will be used to calculate this grade.
5. **Projects (10%):** There will be approximately two mini-projects where you will reflect on what you have learned, explain key ideas, and investigate more involved problems. The average of the two projects will be used to calculate this grade. All mini projects are posted on Blackboard and are due before the posted deadline.
6. **Final Exam (10%):** The final exam is comprehensive and mandatory.

How to succeed in STAT 1380

- Before class: preview the next class and complete the preview questions
- During class: take note and attend the activities
- After Class: complete the practice questions

Participation:

You are expected to participate as a learning community by being prepared for class, engaging in group activities, joining class discussions, communicating your understanding of statistics and explaining class to others.

Tutoring

The MaRCS tutoring center offers free tutoring for math classes; their website has more information: <https://www.utep.edu/science/math/marcs/>. MaRCS is located on the 2nd floor at the library.

I am also available during office hours to help with questions.

Make-up Policy

You have 2 weeks as the last day can submit the assignments. The preview assignments have a 50% penalty for a late pass, and the practice assignments have no penalty.

If you feel that you have some extenuating circumstance or excused absence that will keep you from completing the class work promptly, please contact me immediately and be prepared to show supporting documentation.

University-Sponsored Events:

These include conferences and student competitions, among others. The student must inform me of any traveling conflicts before they leave and make adequate arrangements to make up for the missed material within one week

Required Technology and Materials

Online Components

Students will complete all classwork on Blackboard.

You will need to have regular access to a computer and/or laptop. Your cell phone is not sufficient for doing coursework. You will need to have regular access to a computer or laptop. You will need to download or update the following software:

- Microsoft Office (available for free through UTEP),
- [Adobe](#),
- [Windows Media Player](#) or [QuickTime Player](#), and

Blackboard

Blackboard will be our primary platform. You can see announcements and your grade, read class materials and complete class work inside the Blackboard course.

Grading Policy

Your grade will be based on Class Previews – complete before the class, Practices – complete after class; mini projects (complete them in class Week 5 and Week 7), a reflection final exam and in class participation and Note taking.

Assessment	Percentage
Preview	30%
Practice	20%
In class Participation	10%
Portfolio/Notebook	20%
Mini Projects	10%
Reflection Final Exam	10%

Letter grades are determined according to the following range:

Letter Grade	Range
A	Greater than or equal to 90
B	Greater than or equal to 80 but less than 90
C	Greater than or equal to 70 but less than 80
D	Greater than or equal to 60 but less than 70
F	Less than 60

Drop Policy

You may be dropped from this class without attending classes or completing any classwork for two weeks.

The Drop Date for this semester is November 1 before 5:00 PM Mountain Time. No drops will be approved after this date or time.

Students who decide to drop the course must process a drop form by emailing their miners' email accounts to records@utep.edu. Please note that the College of Science will remain aligned with the university and **will not approve any drop requests after that date.**

Additional Course Policies and Statements

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, and any act designed to give an 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 <https://www.utsystem.edu/offices/board-regents/regents-rules-and-regulations>.

Accommodation Policy:

Students requesting an accommodation based on a disability must register with the UTEP Center for Accommodations and Support Services (CASS). Contact the Center for Accommodations and Support Services at 915-747- 5148, or email them at cass@utep.edu , or apply for accommodations online via the CASS portal.

Military Statement:

If you are a military student with the potential of being called to military service or training during the semester, you are encouraged to contact me as soon as you receive your orders.

Copyright Statement:

Course Materials

All materials used in this course are protected by copyright law. The course materials are only for the use of students currently enrolled in this course and only for the purpose of this course. They may not be further disseminated.

COURSE RESOURCES:

Where you can go for assistance UTEP provides a variety of student services and support:

Academic and Technology Resources

- **Help Desk:** Students experiencing technological challenges (email, Blackboard, software, etc.) can submit a ticket to the UTEP Helpdesk for assistance. Contact the Helpdesk via phone, email, chat, website, or in person if on campus, Academic Resources.
- **Math Tutoring Center (MaRCS):** Ask a tutor for help and explore other available math resources.