

THE UNIVERSITY OF TEXAS AT EL PASO – SYLLABUS

Course #: 26231- STAT 3320
Course Title: Probability and Statistics for Computer Scientists
Credit Hours: 3
Term: Spring 2024
Course Meetings
Location: Delivered online. Students will not be required to meet at specific days or times.
Prerequisite Courses: MATH 1312 (Calculus II)
Instructor: Dr. Yin Lin
Contact Info: E-mail: ylin4@utep.edu

Emails will be answered between 9:00am -5:00pm Monday to Friday. Emails received outside of these windows will be addressed during the next time period or at my discretion. **Email:** UTEP e-mail is the best way to contact me. I will make every attempt to respond to your e-mail within 24-48 hours of receipt. When e-mailing me, be sure to email from your UTEP student account and please put the course number (CRN) in the subject line. In the body of your e-mail, clearly state your question. At the end of your e-mail, be sure to put your first and last name.

Office Hours: TBA

Textbook(s), Materials:

Probability and Statistics for Engineering and the Scientists by Jay. L. Devore 9th Edition.

Course Objectives (Learning Outcomes):

Students will be able to read a word problem or a corporate report, realize the uncertainty that is involved in a situation described, select a suitable probability model, estimate and test its parameters on the basis of real data, compute probabilities of interesting events and other vital characteristics, and make appropriate conclusions and forecasts. This course is designed to satisfy the Accreditation Board of Engineers and Technology requirements for probability and statistics.

Online Components

You are required to have a WebAssign account and purchase access code. Ensure your UTEP e-mail account is working and that you have consistent access to the internet and a stable web browser. [Google Chrome](#), and [Safari](#) are the most supported browsers for both Blackboard and WebAssign. Please use a computer and/or laptop to access WebAssign to coursework.

Blackboard: You will be able to see announcements, grades, and course materials.

WebAssign

WebAssign is an online Course Management System of Cengage, the publisher of our text. You must have reliable internet to take this course. Use the instructions below to access and register for WebAssign using your official **UTEP email account**. **A 14-day free trial will start from the day of semester starts, so you may access your coursework immediately.**

Instructions to access and register for WebAssign:

I linked WebAssign to Blackboard, so you don't need a class key. Go to Blackboard and select our class. Before enrolling the class on WebAssign, please watch the video: <https://play.vidyard.com/dAtEqvNNpKTogGj75zGtau>

Please use your UTEP miners e-mail

You are required to purchase an access code to log in as soon as possible and before the grace period ends. If you purchased a new book from the UTEP bookstore, the code should have come with it. When entering the code, enter all the words and characters in the boxes appropriately.

Activities and Assignments:

All work, including homework, quizzes, and exams, will take place through WebAssign.

Resources:

- WebAssign:
 - Lecture Videos through Resources You can find videos in the resources.
 - **Watch it** Video for some questions
- Blackboard:
 - Lecture Notes
 - Lecture Solutions
 - Lecture Videos

Tutoring

The MaRCS tutoring center offers free tutoring for math classes: <https://www.utep.edu/science/math/marcs/>

However, if you use the tutoring center OR other person(s) to help you take an exam. We will report you to the Office of Student Conduct and Conflict Resolution to investigate academic cheating if we find any evidence that you used any of them.

The Ask Your Teacher feature of WebAssign is the best way to ask questions about your homework as it shows me the entire problem. You are encouraged to use it whenever you have homework questions.

Class Activity Settings

Homework Assignments: Each question has 10 attempts.

Quizzes: A chapter quiz cover weekly material and timed 60 minutes. Each question has 6 attempts.

Exams: The exams will be available on WebAssign for a 48-hour period on the date specified by the course calendar and listed below. The exam itself is timed at 120 minutes (two hours) and will have an accessible scientific calculator. **You have two attempts at each problem.**

Final Exam: The final exam will open four days during final exam week. This exam is comprehensive, and you don't need to take the final exam if you did well for Exam 1, Exam 2 and Exam 3, because I will drop one of the lowest exam from 4 exams. The final exam is timed at 165 minutes (2hr 45min). The final exam will open on Friday May 3, 2024 at 12:00 AM and closes on Monday, May 6, at 11:59 PM Mountain Time.

All exams are timed assignments, the clock begins once you open the assignment. This clock will not stop for any reason, not even if you log out.

Jan. 31st- Class Census Day. This is the last day to drop without a W.

March 28 - Course Drop Deadline (After drop date, drop form won't be approved).

Grading Policy

25% Homework Assignments (drop one of the lowest one)

15% Quizzes (drop one of the lowest one)

60% (3 Exams and Final Exam) (drop one of the lowest one)

Letter grades are determined according to the following scale: (the grade on WebAssign is the correct)

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

Drop Policy: *The Drop Date is Thursday, March 28, 2024, 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 sending an email from your UTEP miners email account to records@utep.edu by before 5:00 PM MST. 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

Make-up Policy

Homework: An automatic homework extension can be requested within 7 days after the due date. The new due date will be 48 hours from the time the extension is requested. Note, this means that time due will also change. No penalty will be applied to problems submitted after the original due date. You may not view the answer key to a homework assignment prior to requesting the automatic extension for it.

Quiz: 20% penalty for automatic extensions for quizzes within 5 days after the due date. Quizzes are available before their due date. Please make plans to take the quiz early if you have a conflict.

Exams: A make-up exam (within 2 days after the due date) will only be given in extraordinary circumstances such as, severe illness or death in immediate family, with appropriate documentation (e.g. doctor's note).

If you feel like you have some extenuating circumstance or have an excused absence that will keep you from completing the assignment or quiz in a timely manner, please contact me right away and be prepared to show supporting documentation.

University Sponsored Events: Conferences, student athletes' competitions, etc... The student needs to inform me of any traveling conflicts before they leave and make adequate arrangements to make up the missed material with one week of returning.

Attendance Policy: You are expected to work toward completion of the course assignments daily. Attendance in this course is measured by the completed tasks. Failing to complete tasks is equivalent to being absent. Failure to complete assignments for several weeks may result in you being dropped from the course.

Because this is an online class, participation is assessed by the completion of module activities. Each week, you can fully participate in class by:

- Completing all assigned weekly readings and watching videos
- Completing all weekly assignments and quizzes
- Completing all exams as scheduled dates (at week 5, 10, 15 and 16)

Each aspect of the course builds on the previous topic. By completing things in the order provided, you are building the foundation needed for the next step.

Failure to submit any weekly assignment/quiz for two weeks, or failure to complete an exam will result in being dropped from the course. If you missed an exam and have some extenuating circumstance or have an excused absence that will keep you from completing an exam, please contact me right away and be prepared to show supporting documentation.

Please follow the class schedule and complete the class work weekly. Remember that No last week makeup class work or extra work for extra credits.

If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the Center for Accommodations and Support services (<http://cass.utep.edu/>) located in Union East Room 106. **No note taker is available for an online class.**

If you are a military student with the potential of being called to military service and /or training during the semester, you are encouraged to contact your instructor as soon as possible.