

## THE UNIVERSITY OF TEXAS AT EL PASO – SYLLABUS

Course #: 16762 - STAT 3320  
Course Title: Probability and Statistics for Computer Scientists  
Credit Hours: 3  
Term: Fall 2022  
Course Meetings: 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](mailto: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, whichever is sooner. I will make every attempt to respond to your e-mail within 24-48 hours of receipt.

**Office Hours:** Sign in to Blackboard> Click the Office Hours link > on **Monday – Tuesday: 11:30 – 1:00pm**

### 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

- WebAssign: Enroll WebAssign through Blackboard and purchase access code to complete classwork
- **Blackboard:** You will be able to see announcements, and course materials.
- Consistent access to the internet and a stable web browser. [Google Chrome](#), and [Safari](#)
- Please use a computer and/or laptop to access WebAssign to coursework.
- All work, including homework, quizzes, and exams, will take place through WebAssign.

### WebAssign

WebAssign is an online Course Management System of Cengage. 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**. **14-day free trial is from the day class starts and end on the second Sunday, so that you may access your coursework immediately.**

### Instructions to access and register for WebAssign:

WebAssign linked to Blackboard, so you don't need a class key. You are in the wrong place if asking you enter class key. Before enroll the class on Webassign, please watch the video on Blackboard.

**You are required to purchase an access code** to log in as soon as possible or before **the 14<sup>th</sup> day after class starts**. 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.

### Tutoring

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

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.

## Resources:

- **WebAssign:**
  - Lecture Videos through Resources
  - **Watch it** Video for some questions
- **Blackboard:**
  - Lecture Notes
  - Lecture Solutions
  - Lecture Videos

## Class Activity Settings on WebAssign

- **Homework:** All homework is assigned by weekly. Each question has 10 attempts.
- **Quiz:** A chapter quiz is over weekly material. Each question has 6 attempts.
- **Exams:** The exams will be available on WebAssign for a 72-hour period on the date specified by the course calendar and listed below. The exam itself is timed at 120 minutes (two hours). **You have two attempts at each problem within 2 hours. Final Exam** will open 3 days during final exam week. It is a comprehensive exam and you don't need to take the final exam if you did well for the first 3 Exams. The final exam is timed at 165 minutes (2hr 45min). I will drop one of the lowest exam from 4 exams.

### *Timed Assignments:*

For all timed exams, the clock begins once you open it. This clock will not stop for any reason, not even if you log out. The due date will change to reflect the time limit for timed exams once you begin the exam.

## Grading Policy

25% Homework Assignments (drop the lowest one)

15% Quizzes (drop the lowest one)

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

## Letter grades are determined according to the following scale:

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

## Make-up Policy

- **Homework:** **An automatic homework extension can be requested within 7 days after the due date through WebAssign.** The new due date will be 48 hours from the moment the extension is requested. No penalty will be applied to problems submitted after the original due date. **Prior to requesting the automatic extension for it, you may not view the answer key.**
- **Quiz:** **There are no automatic extensions for quizzes.** Quizzes are available before their due dates. Please make plans to take the quiz early if you have a conflict.
- **Exam:** 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, and 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 within one week of returning.

### Attendance Policy:

You are expected to work toward completion of the course assignments weekly. Attendance in this course is measured by the completed tasks. Failing to complete tasks is equivalent to being absent. **Failure to submit any weekly assignment/quiz for two weeks, or failure to complete an exam will result in being dropped from the course before the drop date.** 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 in 2 days 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.**

Because this is an online class, participation is assessed by fully participate in class by:

- Completing all assigned readings and watching videos, all assignments and quizzes, all exams

### Drop rule

- ✓ **Failure to submit any weekly assignment for two weeks, or failure to complete an exam will result in being dropped from the course.**
- ✓ **Anyone who has not registered for WebAssign and has not submitted assignments by Sunday, August 28, at 11:59 pm will be dropped from the course.**

### Others

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 online class.**

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