

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

COURSE BASICS

Course Number: STAT 3320: CRN 25441
Course Title: Probability and Statistics for Computer Scientists
Credit Hours: 3
Term: Spring 2023
Meeting and Location: None –The course is entirely online via WebAssign and Blackboard
Prerequisite Courses: MATH 1312: Calculus II

INSTRUCTOR INFORMATION

Instructor: Christy Mielke
Office Location: Bell Hall 144
Online Only-Zoom meeting room link on Blackboard

Contact Info: 915-747-6773
E-mail address chmielke@utep.edu
Emergency Contact: (915)747-5761 (Math Department)

COURSE COMMUNICATION:

How we will stay in contact with each other:

Because this is an online class, we won't see each other in the ways you may be accustomed to: during class time, small group meetings, and office hours. However, there are several ways we can keep the communication channels open:

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 emailing me, be sure to email from your UTEP student account, and please put the course number (Stat 3320/CRN #) in the subject line. In the body of your e-mail, clearly state your question. Evening and weekend emails will be attended to during regular business hours. Other times at the discretion of the instructor.

Student Office Hours:

We will not be able to meet on campus, but I will still have office hours for your questions and comments about the course. You are not required to attend the sessions if you do not have questions.

- Tuesday and Wednesday from 10:30 am – 12 noon Mountain Time (Online in Zoom).
- If you do need help, and cannot attend during the scheduled time, please email me, at chmielke@utep.edu to schedule a one-on-one Zoom appointment.

To access office hours: The Zoom links are posted on the homepage of the Blackboard.

Announcements: Check the announcements posted on Blackboard and your UTEP e-mail frequently for any updates, deadlines, or other important messages.

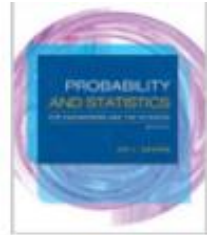
REQUIRED TECHNOLOGY AND MATERIALS

Textbook

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

Required

You must have the **Enhanced WebAssign access code**. This gives you full access to both the assignments and the e-book.



Optional

A hard copy of the textbook is available but not required for the class. The e-book is adequate and comes with the required access code.

Calculator

A Scientific Calculator with the permutation/combination key is required (example: TI-30XIIS). A graphing calculator similar to a TI-83 or TI-84 is recommended.

Online Components

You are required to have a Webassign homework account.

Ensure your **UTEP e-mail account** is working and that you have consistent access to the internet and a stable web browser. [Mozilla Firefox](#), [Google Chrome](#), and [Safari](#) are the most supported browsers for both Blackboard and WebAssign.

You will need to have regular access to a computer or laptop. Your cell phone is not sufficient for doing coursework.

You will need to have regular access to a computer or laptop. Your cell phone is not sufficient for doing coursework. 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
- [Java](#).

Blackboard

Blackboard will be our primary platform. Inside the Blackboard course, you will be able to see **announcements 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. You will **have a 14-day free trial** (from the start of classes), so that you may access your coursework immediately.

Option 1) To enroll in my class, use the WebAssign link located in the Blackboard, in the folder “START HERE”.



- Please use your **UTEP miners e-mail account and the name you registered for this class**. Remember your password.
- Next time you log in, click "Log In" and enter your **UTEP miners e-mail** and the password you created.
- The course view can be toggled between **Assignments and Course View**, I recommend Course View.

Option 2) To enroll in my class, **use the link below to register** for WebAssign using your **official UTEP email account**.

<https://www.getenrolled.com/?courseKey=utep99005603>

You only need to **register once**. The next time that you need to log in to WebAssign, visit www.webassign.net, click on "SIGN IN", enter your credentials, click on "My Courses", then click on the textbook for our class.

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.

You may also choose to purchase the access code directly from within **WebAssign**.

COURSE OVERVIEW

Course Objectives and 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 based on 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.

Activities and Assignments:

You will find all assignments on www.webassign.net. Please use Mozilla Firefox, Google Chrome, or Safari since WebAssign works best with these browsers. All work, including homework and exams, will take place through WebAssign.

Three exams and a comprehensive final exam will be given.

Resources:

You can access PowerPoint in Blackboard, I will provide Worksheets for each section that include notes and practice problems with solutions.

Tutoring

The MaRCS tutoring center offers free tutoring for math classes; their website has more information:

<https://www.utep.edu/science/math/marcs/>

There are several useful features in WebAssign designed to give extra help. **These include "Watch it" and "Master it" links**. These are publisher created and are enabled for any homework question in which they are available.

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

Class Activity Settings

Homework Assignments

All homework will be completed on WebAssign. Each question has 5 attempts. I recommend you get help after the 3rd incorrect submission rather than waiting until you are out of attempts to get help.

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 this as the first method of contact whenever you have homework questions.

Exams

To review for each exam, an exam review will be available one week before the exam date, on WebAssign. The review is **a homework score**, so be sure to complete the reviews. The exams will be available on WebAssign for three days and the date specified due dates are 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.

- **Exam 1:** Closes on Wednesday, February 14 at 11:59 PM Mountain Time
- **Exam 2:** Closes on Wednesday, March 27 at 11:59 PM Mountain Time
- **Exam 3:** Closes on Wednesday, May 1 at 11:59 PM Mountain Time

The password for all exams is the word **ready**.

If you choose to start an exam less than 120 minutes before the due date, the exam will conclude at the due date, and your answers will be auto-submitted.

Final Exam

The final exam will be **available for three days during final exams week**. This is a comprehensive exam and is required for all students. Remember, the final exam is worth 25% of your overall course grade. The final exam is timed **at 165 minutes (2hr 45min)** and will have an accessible scientific calculator.

The password for the final exam is the word **ready**.

- **Final Exam:** Will be open on Monday, May 8th, and closes on Wednesday, May 10th at 11:59 PM Mountain Time

Timed Assignments

For all timed assignments, **the clock begins once you open the assignment**. This clock will not stop for any reason, not even if you log out. For this reason, it is important to check for any updates on your computer before beginning the timed assignments. The due date will change to reflect the time limit for timed assignments once you begin the exam.

Please note: should you have circumstances beyond your control preventing you from completing the exam or quiz in the allotted time, you may email your instructor for more time, but be prepared to provide supporting documentation – such as a screenshot of the issue, or internet outage report for your area.

Extra Credit: You can earn extra credit on extra credit assignments in WebAssign. There is **a total of six extra credit assignments**. They are counted as an **extra 2%** towards your homework final scores.

Course Schedule:

- January 16th First Day of Classes
- January 31st Census Day (Last day to drop without a W)
- March 11th -15th Spring Break
- March 28th Drop Day (Last day to drop with a W)
- May 3rd Last Day of Class Meetings
- May 6th–10th Final Exams Week

Grading Policy

30%	Homework Assignments
15%	Exam I
15%	Exam II
15%	Exam III
25%	Final Exam

Letter grades are determined according to the following scale:

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

Drop Policy

*The Drop Date for this semester 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 emailing records@utep.edu by April 1st before 5:00 PM MDT. Please note that the College of Science will remain aligned with the university and **will not approve any drop requests after that date.**

Incomplete Grade Policy

Incomplete grades may be requested only in exceptional circumstances after you have **completed at least half of the course requirements.** Talk to me immediately if you believe an incomplete is warranted. If granted, we will establish a contract of work to be completed within the deadlines.

ADDITIONAL COURSE POLICIES AND STATEMENTS

Make-up Policy

Homework

An automatic homework extension can be requested within 3 days after the due date. To do so, log in to WebAssign and click on My Assignments. Scroll to the assignment you want to extend and click Request Extension. Select "Automatic" and "Accept" the extension. The **new due date will be 48 hours from** the time the extension is requested. Note, this means that **due time** 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 before requesting the automatic extension for it.

****All homework must be completed before the opening window of the exams****

University-Sponsored Events:

These include conferences, student-athlete competitions, etc. The student needs to inform me of any traveling conflicts before leaving and plan to make adequate arrangements to make up the missed material within one week of returning. Failure to do so will result in the forfeiture of points.

Exams

A make-up exam will only be given in extraordinary circumstances such as severe illness or death in the immediate family, and with appropriate documentation (e.g., doctor's note).

Alternative Means of Submitting Work in Case of Technical Issues

I strongly suggest that you submit your work with plenty of time to spare if you have a technical issue with the course website, network, and/or your computer. I also suggest you save all your work (answers to homework, quizzes, and exams) in a separate Word document or hand-written notebook as a backup. This way, you will have evidence that you completed the work and will not lose credit. If you are experiencing difficulties submitting your work through the course website, please contact the [UTEP Help Desk](#).

You can email me your backup document as a last resort. You must also have proof of the technical issue with either a screenshot of the WebAssign issue or an email from your internet provider about an outage in your area.

Attendance Policy:

As with every college course, attendance is essential for success. Try not to be absent unless it is necessary. If possible, it is better to let me know ahead of time when you will be absent. If you are absent, it is your responsibility to find out which assignments you need to make up.

You are expected to work toward the 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. You are expected to check Blackboard and your UTEP miner's e-mail regularly for announcements as well as the WebAssign Announcement section.

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>.

All students are expected and required to obey the law, comply with the Regents' Rules and Regulations, with System and University rules, with directives issued by an administrative official during his or her authorized duties, and observe standards of conduct appropriate for the university. A student who enrolls at the university is charged with the obligation to conduct himself/herself in a manner compatible with the university's function as an educational institution.

Any student who engages in conduct that is prohibited by Regents' Rules and Regulations, U. T. System or University rules, specific instructions issued by an administrative official, or by federal, state, or local laws is subject to discipline, whether such conduct takes place on or off-campus or whether civil or criminal penalties are also imposed for such conduct.

Course Netiquette Policy:

All correspondence with your instructor, TA, and other students should be conducted appropriately and professionally. Please be considerate of your tone and word choice when conducting correspondence.

Accommodation Policy:

The University is committed to providing reasonable accommodations and auxiliary services to students, staff, faculty, job applicants, applicants for admissions, and other beneficiaries of University programs,

services, and activities with documented disabilities to provide them with equal opportunities to participate in programs, services, and activities in compliance with sections 503 and 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA) of 1990 and the Americans with Disabilities Act Amendments Act (ADAAA) of 2008. Reasonable accommodations will be made unless it is determined that doing so would cause undue hardship to the University. Students requesting 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, email them at cass@utep.edu, or apply for accommodations online via the CASS portal.

COVID-19 Precautions

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 support you and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing.

The Centers 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

Please contact me immediately if you fall ill during the semester so that we can work together to formulate a strategy to help you get caught up as soon as you are physically able.

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 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.
- **UTEP Library:** Access a wide range of resources including online, full-text access to thousands of journals and eBooks plus reference service and librarian assistance for enrolled students.
- **Math Tutoring Center (MaRCS):** Ask a tutor for help and explore other available math resources.

Individual Resources

- [Military Student Success Center](#): Assists personnel in any branch of service to reach their educational goals.
- [Center for Accommodations and Support Services](#): Assists students with ADA-related accommodations for coursework, housing, and internships.
- [Counseling and Psychological Services](#): Provides a variety of counseling services including individual, couples, and group sessions as well as career and disability assessments.