

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

COURSE BASICS

Course Number: STAT 3320: CRN 35195
Course Title: Probability and Statistics for Computer Scientists
Credit Hours: 3
Term: Summer 2023
Meeting and Location: Online - 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(Not on campus for the summer)
Online Only - Zoom meeting link on Blackboard (by appointment)

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:

Email: UTEP e-mail is the best way to contact me. I will make every attempt to respond to your e-mail within 24 hours of receipt. When emailing me, be sure to email from your UTEP student account, and please put the **course number (Stat 3320) 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:

Office hours are a time if you would like to get live-virtual help, you may attend my office hours (one-on-one by appointment only) or Mr. Marco Gomez's Zoom office hours (Course TA, his office hours are Tuesday and Thursday - from 10 am to 11 am. Wednesday from 5 pm to 6 pm. The Zoom links are posted on the homepage of the Blackboard.

Please note that the office hours are strictly for helping with homework problems. They are not for lecturing. You will need to utilize all resources available first. Come prepared with the problems that you need help with.

My Office Hours: via Zoom (one-on-one) by appointment thru email.

TA Office Hours: TA's Zoom office hours link is posted on the homepage on 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 download or update the following software:

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

Blackboard

Inside the Blackboard course, you will be able to see announcements and course materials. Each chapter will have a folder where you can find my personal lecture videos and the worksheets that I use to lecture with. These specific sets of materials will help prepare you for your homework assignments and subsequently your exams. I highly recommend watching my lecture videos.

Webassign

WebAssign is an online Course Management System of Cengage, the publisher of our text. You must have reliable internet to take this course.

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

<https://www.getenrolled.com/?courseKey=utep11709003>

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 in-order to keep your account active. The eBook option from the UTEP bookstore comes with an access code. You may also choose to purchase the access code directly from within WebAssign. You have three (3) days of free WebAssign access. The free-trial ends on Thursday, July 13.

WebAssign Resources

You will have access to the eBook from within your WebAssign homepage. You will also be able to access and view lecture videos that Cengage has created for each section of the book.

You will be able to view your current grades and all the due dates for the assignments for this course.

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.

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.

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, extra credit assignments, and exams, will take place through WebAssign. Nothing is to be turned in or completed via email or Blackboard.

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

Homework, three midterm exams, and a comprehensive final exam will be given. There is no retake for all exams.

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 and the TA the entire problem. You are encouraged to use this as the first method of contact whenever you have homework questions. I ask that you attempt the problems on your own before asking for help and that you be clear on what you are struggling to understand. The Ask Your Teacher Feature has a chat box that will allow us to communicate back and forth about the problem.

Exams

To review for each exam, an exam review will be available before the exam date, on WebAssign. The exam review is a **homework score**, so be sure to complete the reviews. The exams will be available on WebAssign 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. The password for all exams is the word **ready**.

- Exam 1: Available from Monday, July 17, 12:00 am to Tuesday, July 18, 11:59 pm Mountain Time
- Exam 2: Available from Tuesday, July 25, 12:00 am to Sunday, July 26, 11:59 pm Mountain Time
- Exam 3: Available from Thursday, August 3, 12:00 am to Friday, August 4, 11:59 pm Mountain Time
- Final Exam: Available from Tuesday, August 8, 12:01 am to Wednesday, August 9, 11:59 pm MT
The final exam is timed at 165 minutes (2hr 45min) and will have an accessible scientific calculator.

Timed Exams:

For all exams, the timer begins once you click on the link to open the assignment. So, enter the password **ready** as soon as possible. This timer 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. It is also important to ensure that your laptop is fully charged or plugged in. Once you begin the exam, the due date will change to reflect the time limit.

Extra Credit: You can earn extra credit on extra credit assignments in WebAssign. There is a total of four extra credit assignments. You will receive extra credit towards your final scores.

Make-up Policy:

Homework

One (1) extension per homework assignment can be requested within 24 hours after the due date. To do so, log in to WebAssign and click on My Assignments then Past Assignments. Scroll to the assignment you want to extend and click Request Extension. Select "Automatic" and "Accept" the extension. You will have 24 hours from the time that you click "Accept" to complete the extended assignment. Note and pay close attention to the new due date and time. You will not be penalized for submitting late work. However, it is best to turn in your homework assignments by the original due date so that you are ready for exams and do not fall behind.

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

WARNING: Do NOT view the answer key to a homework assignment before requesting an extension for it. You will be denied an extension from both WebAssign and from me if you view the answer key.

Exams

Extensions on exams will only be granted for solid reasons that are accompanied by verifiable documentation. Verifiable documentation includes but is not limited to the following: (1) a doctor's note, (2) military orders, (3) university-sponsored event notice, (4) a clear screenshot or video of the technical issue at the time it is happening, (5) a Cengage help-desk ticket number, (6) a report showing there was an outage (of electricity, Internet, or WebAssign), (7) court summons, (8) police report, (9) obituary notice.

Course Schedule:

- *July 11th* *First Day of Classes*
- *July 13th* *Census Day (Last day to drop without a W)*
- *July 27th* *Drop Day (Last day to drop with a W)*
- *August 7th* *Last Day of Class*

Grading Policy

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

Students who decide to drop the course must process a drop form by emailing records@utep.edu by July 27th 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

Attendance Policy:

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 in a timely manner is equivalent to being absent. Being absent without appropriate communication may result in you being dropped from the course. You are expected to check the course schedule and the due dates on WebAssign regularly. You should also be frequently checking Blackboard and your UTEP miner e-mail for announcements.

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.

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.

I strongly discourage the use of sites such as Chegg, CourseHero, math apps, etc. in this class. If found to have consulted or contributed any material related to this class, you will be automatically reported to the Office of Student Conduct and Conflict Resolution as this could be considered a violation of the H.O.O.P. The HOOP can be found here [Handbook of Operation Procedures](#)

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 [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.

As you will be taking online exams this semester, please take a moment to review this list of activities considered cheating by the Office of Student Conduct and Conflict Resolution (OSCCR). [Ways to Cheat](#)

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.

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.

UNIVERSITY RESOURCES

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

Academic and Technology Resources

- **[Math Tutoring Center \(MaRCS\)](#)**: Ask a tutor for help and explore other available math resources. Tutoring is provided on a walk-in basis; appointments are not needed. Please visit their website, MaRCS Tutoring Center, for online tutoring. Their website has more information: <https://www.utep.edu/science/math/marcs/>
- **[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.

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.

Health

- UTEP counseling center, Student Health and Wellness Center
- El Paso coronavirus hotline (915) 212-6843, El Paso COVID-19 information,
- El Paso's 24-hour Mental Health Crisis Line (915) 779-1800
- National Suicide Prevention Hotline or Veterans Crisis Line 1-800-273-8255
- NAMI (National Alliance Against Mental Illness) of El Paso (915) 534-5478