

THE UNIVERSITY OF TEXAS AT EL PASO

COLLEGE OF SCIENCE

DEPARTMENT OF MATHEMATICAL SCIENCES

COURSE BASICS

Course Number: MATH 1320: CRN 25834 and 26258
Course Title: Mathematics for Social Sciences I
Credit Hours: 3
Term: Spring 2021
Meeting and Location: None –The course is entirely online via WebAssign and Blackboard
Prerequisite Courses: Math 0311 or TSI score between 350 – 390
or placement by previous Accuplacer scores

INSTRUCTOR INFORMATION

Instructor: Francis Biney
Office Location: Via Zoom

Contact

Instructor e-mail: fbiney@utep.edu
Course coordinator: Samantha Patterson at sjohnson5@utep.edu
Math Department: mathdept@utep.edu

E-mails will be answered between 9am - 4pm MTWRF. E-mails received outside of these windows will be addressed during the next time period .

Office Hours: TR 3.30pm - 5.00pm via Zoom (I will send you link)

Office hours are a time where you can get individualized help from me. I am available to answer questions about course content and address any concerns you have about the class. During scheduled times, you may drop in without an appointment. You are not required to attend the sessions if you do not have questions. If you need help and cannot attend during the scheduled time, please e-mail me to schedule an appointment.

REQUIRED TECHNOLOGY AND MATERIALS

Textbook:

Finite Mathematics & Applied Calculus by Waner and Constenoble, 7th Edition with a WebAssign access card.

ISBN-10: 1-337-27420-8

ISBN-13: 978-1-337-27420-3

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, Adobe, Windows Media Player (or QuickTime Player), and Java.

Webassign

WebAssign is an online Course Management System of Cengage, the publisher of our text. You must have reliable internet to take an online course. Use the instructions below to access and register for WebAssign. You will have a 14-day free trial so that you may access your coursework immediately.

Instructions to access and register for WebAssign:

To enter your course on WebAssign on January 19, go to www.webassign.net and follow these steps:

- 1) Click on "Enter Class Key"
- 2) Enter the class key given by your instructor: XXXXXXXXXX be sure to include all three sections.
- 3) Verify the section number and instructor name, then enter your information. Please make sure that you use your UTEP miners e-mail and remember the password you create.
- 4) The next time you log in, click on "Log In" and enter your UTEP miners e-mail and the password you created.

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.

COURSE OVERVIEW

Course Objectives and Learning Outcomes

Math for Social Sciences I is a pre-calculus course designed for liberal arts, business, and non-science majors.

At the successful completion of this course:

- I. A student will be able to model a situation utilizing an appropriate fundamental function (linear, quadratic, exponential, logarithmic) and solve for an unknown variable
- II. A student will be able to validate a mathematical model algebraically and graphically
- III. A student will be able to model basic financial functions (interest, annuities, loans, and bonds).
- IV. Students will be able to construct and solve systems of linear equations utilizing multiple techniques (including row reduction).
- V. A student will be able to apply fundamental set and probability properties to calculate the probability for a given situation and utilize this to make decisions on the likelihood of outcomes.

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, quizzes, and exams, will take place through WebAssign.

Three exams and a comprehensive final exam will be given. If it benefits you, the score you receive on the final exam will replace your lowest exam score.

Maymester and Test Out:

If a student receives a grade of "D" or "F," they may register for the Maymester workshop or take a comprehensive Test Out exam. A grade of 70% or better on the written comprehensive Maymester final exam or a 70% or better on the comprehensive Test Out exam will replace a failing course grade with a grade of "C." (A grade change form will be signed and submitted by the coordinator for Math 1320, Mrs. Samantha Patterson).

Resources:

You will have course PowerPoint and video access through the Resources section of WebAssign and Blackboard. You can click on resources at the bottom of your WebAssign homepage. You will be able to access PowerPoint lectures from the publisher and the Cengage lecture videos for each section that we cover.

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.

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

Website

UTEP Math 1320 website: <http://www.math.utep.edu/classes/math1320/>

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.

Quizzes

After a few sections of homework, you will have a 60-minute timed quiz over that material. The quizzes may contain problems you have not seen previously, but they will be based on the same concepts.

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

Each question has 3 attempts. If you choose to start a quiz less than 60 minutes before the due date, the quiz will conclude at the due date, and your answers will be auto-submitted.

Exams

To review for each exam, complete the exam review, which will be available at least 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 24 hours 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.

- Exam 1: Opens 11:59 PM MST on Wednesday, February 17 and closes Thursday, February 18 at 11:59 PM MST
- Exam 2: Opens 11:59 PM MDT on Monday, March 29 and closes Tuesday, March 30 at 11:59 PM MDT
- Exam 3: Opens 11:59 PM MDT on Wednesday, May 5 at closes Thursday, May 6 at 11:59 PM MDT

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, meaning you may not opt-out of the final exam. 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**.

The final exam will open at 12:00 AM (midnight) MDT on Monday, May 10, and close on Wednesday, May 12, at 11:59 PM.

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 quiz or exam.

Course Schedule:

A comprehensive course schedule is attached as the last pages of this syllabus. Semester highlights are included.

- January 19 First Day of Classes
- February 3 Census Day (Last day to drop without a W)
- March 15 -19th Spring Break
- April 1 Drop Day (Last day to drop with a W)

Grading Policy

You will be graded on homework, quizzes, in-class exams, and a final exam

- 15% Homework Assignments
- 15% Quizzes
- 15% Exam I
- 15% Exam II
- 15% Exam III
- 25% Final Exam

Letter grades are determined according to the following scale:

Grade	Score	Alternative Grading Scale (if applicable)	
A	90-100		
B	80-89	S	70 - 100
C	70-79		
D	60-69	U	<70
F	<60		

ADDITIONAL COURSE POLICIES

Drop Policy

The Drop Date for this semester is Thursday, April 1, 2021, before 5:00 PM MDT. No drops will be approved after this date or time.

Students who decide to drop the course must process a drop form by e-mailing records@utep.edu by April 1 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.**

Make-up Policy

Homework

An automatic homework extension can be requested within 7 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 and get an extension for it.

Quiz

There are no automatic extensions for quizzes. Quizzes are available before their due date. Please make plans to take the quiz early if you have a conflict.

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:

These include conferences, student-athletes' 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 with 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).

Attendance Policy:

You are expected to work toward the completion of the course assignments daily. Attendance in an online 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 miners 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 STATEMENTS

Civility Statement:

All correspondence with your instructor, TA, and other students should be conducted in an appropriate and professional manner. Please be considerate of your tone and word choice when conducting correspondence.

Disability Statement

If you need accommodations for your success, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by e-mail to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website <https://www.utep.edu/student-affairs/cass/>

The student is responsible for informing me of the accommodations needed and will need to be proactive in having accommodations met.

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 possible.