

Syllabus - Math 1320

Course Basics		Contact	
Course Number:	MATH 1320: CRN 10598	Instructor email:	Yin Lin, Ph.D. at ylin4@utep.edu
Course Title:	Math for Social Sciences I	Course coordinator:	Samantha Patterson at sjohnson5@utep.edu
Credit Hours:	3	Math Department:	mathdept@utep.edu
Term:	Fall 2023	Office hours:	TBA
Prerequisite Courses:	Math 0311 or placement by testing services		

Emails will be answered between 9:00am -5:00pm Monday to Friday. Emails received outside of these windows will be addressed during the next period. I will make every attempt to respond to your e-mail within 24-48 hours of receipt. In the body of your e-mail, clearly state your question and be sure to put Math 1320.

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: A student will be able to

- make meaningfully reflective connections between the mathematics of finance and the student's own situation and/or community engagement
- 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 including the expected value of a random variable. (Chapters 7, 8, & 9.1/9.3)
- model a situation utilizing an appropriate fundamental function (linear, quadratic, exponential, logarithmic) and solve for an unknown variable. (Chapters 1 & 2)
- validate a mathematical model algebraically and graphically, (Chapters 1 & 2)
- model basic financial functions associated with interest, annuities, and loans and solve for an unknown variable. (Chapter 3)
- construct and solve systems of linear equations utilizing multiple techniques. (Chapter 4)
- construct and graphically solve systems of linear inequalities and linear programming problems (Chapter 6.1 & 6.2)

REQUIRED MATERIALS

Textbook: Finite Mathematics & Applied Calculus by Waner and Costenoble 8th Edition

Required

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

Calculator

You can use online [the Desmos scientific calculator](#) that provided on WebAssign classwork.

Online Components

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

Blackboard

Blackboard : You can see announcements, grades, and course materials inside the Blackboard course.

WebAssign

WebAssign is an online Course of the publisher of our text. You must have reliable internet to take this course. **linked WebAssign to Blackboard, so no class key needed to enroll webAssign.** Before enrolling the class on Webassign, please watch the video that posted on Blackboard announcement. Please use your *UTEP miners e-mail*. **A 14-day free trial is from semester starts and ends on the second Sunday, so that you may access your coursework immediately. You are required to purchase an access code** to log in as soon as possible or before the grace period ends. If you purchased a new book from the UTEP bookstore, the code should have come with it.

Activities and Assignments

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

Resources/Assistance:

- WebAssign: PPT from the publisher and the Cengage lecture videos for each section we cover.
- WebAssign: some questions include “Watch it” and “Master it” links.
- Blackboard: Chapter Lecture videos, WebAssign homework examples
- Tutoring: The MaRCS tutoring center offers free tutoring for math classes. Their website has more information: <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. It is located on the top right corner of the question.
- I will also make some videos if the question is hard explain them through emails.

COURSE COMMUNICATION

Question about personal issues:	Email me or join my office hours
Questions on homework, quizzes, exams	Ask my Teacher (on WebAssign) or join my office hours
Deadlines for exams	Blackboard Announcement, emails, class calendar

Class Activity Settings on WebAssign

Category	# of submissions for each question	Time (mins)	Available	Make up?
Homework Assignment	5 (try to get help after the 3rd incorrect submission by clicking Ask My Teacher)	No time limit before the due date.	by exam	Auto extension
Quiz	2	60 mins after you open it.	by exam	20% penalty
Exams	2	120 mins after you open it.	48 hours	No, take the retake
Final	2	165 mins after you open it.	48 hours	No makeup, no retake

I recommend you get help after the 3rd incorrect submission rather than waiting until you are out of attempts to get help. Remember to start work early for each classwork.

Exam schedule:

- Exam 1: Available from Sunday, October 1st 12:01 AM to Monday, October 2nd 11:59 PM Mountain Time
 - covers 7.1 - 7.4; 8.1 - 8.5; 9.1, 9.3
- Exam 2: Available from Sunday, October 29th 12:01 AM to Monday, October 30th 11:59 PM Mountain Time
 - covers 1.1 - 1.4; 2.1 - 2.3
- Exam 3: Available from Sunday, December 3rd 12:01 AM to Monday, December 4th 11:59 PM Mountain Time
 - covers 3.1 – 3.3; 4.1 – 4.3; 6.1 & 6.2

- Final Exam: Available from Tuesday, December 12th 12:01 AM to Wednesday, December 13th 11:59 PM Mountain Time
 - covers all material for semester.

Schedule on Retake Exams

- Exam 1 Retake: Open from Sunday, October 8th 12:01 AM to Monday, October 9th 11:59 PM Mountain Time
- Exam 2 Retake: Open from Sunday, November 5th 12:01 AM to Monday, November 6th 11:59 PM Mountain Time
- Exam 3 Retake: Open from Thursday, December 7th 12:01 AM to Saturday, December 9th 11:59 PM Mountain Time

The password for timed assignments (Quizzes and exams) is the word **ready**.

Make-up Policy (No make up over 5 days after the due date for any reason)

	WebAssign	Time required/ Notes
Homework:	Auto extension	Within 3 days after the due date
Quiz:	No extension	Within 1 days after the due date with 20% of penalty
Exams	No make-up	Take the retake on the scheduled time
Final exam:	No make-up	No retake

You may not view the key to a homework assignment before requesting the automatic extension.

Make-up Policy details

Homework

An automatic homework extension can be requested within 2 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 72 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 prior to requesting the automatic extension for it.

****All homework and quizzes must be completed prior to the opening window of the final exam****

Quiz

An automatic quiz extension can be requested within 2 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 24 hours from the time the extension is requested. Note, this means that **due time** will also change. You will still have the 1-hour time limit after opening the quiz. **You'll only earn up to 80% credit for the late submission, but that's much better than a zero!**

Note, the extension for a quiz can only be requested after the due date. If you choose to start the quiz before the due date and run out of time, you cannot request an extension. For example, if you start the quiz at 11:30 PM on the day it is due, you will only have 30 minutes to complete the quiz and it will automatically submit at 11:59 PM. Think carefully about whether you have enough time to complete the quiz before you start.

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 – such as a university travel letter, medical documentation, military orders, etc.

Grading Policy

Category	%Weight	Numerical Value	Letter Grade
Homework	15%	90 or above	A
Quizzes	15%	80 or above but less than 90	B
Exam I	15%	70 or above but less than 80	C
Exam II	15%	60 or above but less than 70	D
Exam III	15%	Less than 60	F
Final Exam	25%		

Drop Policy

You may be dropped from this class if you don't enroll in WebAssign before Sunday (Sept. 3rd) or missed exam 1.

The Drop Date for this semester is Friday, November 3rd, 2023, before 5:00 PM MDT.

Students who decide to drop the course must process a drop form by sending an email from your official UTEP email account to records@utep.edu by the above date. Please note that the College of Science will remain aligned with the University and **will not approve any drop requests after that date.**

Attendance Policy

You are expected to work toward the completion of the course assignments daily. Your completed tasks measure attendance in this course. Failing to complete tasks is equivalent to being absent. Please complete work on scheduled time to avoid dropping from the course section. You must regularly check Blackboard and your UTEP Miners email for announcements and the WebAssign Announcement section.

Academic Integrity Policy

Any student who commits an act of academic dishonesty is subject to discipline. Scholastic dishonesty includes, but is not limited to, cheating, **taking an examination for another person**, any act designed to give an unfair advantage to a student or the attempt to commit such acts. **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.**

Accommodation Policy

Students requesting accommodation based on a disability must register with the UTEP Center for Accommodations and Support Services (CASS). Contact the CASS at 915-747- 5148, email them at cass@utep.edu. **No notes taker.**

Course Etiquette Policy

All correspondence with your instructor, TA, and tutors should be conducted appropriately and professionally. Please be considerate of your tone and word choice in all your posts.

Military Statement

If you are a military student with the potential of being called to military service or training during the semester, please get in touch with me as soon as you receive your orders.

Copyright Statement

All materials used in this course are protected by copyright law. The course materials are only for students currently enrolled in this course and only for this course. They may not be further disseminated.