

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

**Course Number:** MATH 1320 CRN 36157  
CRN 36519

**Course Title:** Mathematics for Social Sciences I

**Credit Hours:** 3

**Term:** Summer 2020

**Course Meetings & Location:** Online via WebAssign and Blackboard ( You will receive an email letting you know the time we will meet in Blackboard Collaborative for virtual class)

**See attached course calendar for meeting days.**

**Prerequisite Courses:** M0311 or TSI score between 350 – 390 or placement by previous Accuplacer scores or enrolled in a Co-Requisite (M0312)

**Course Fee: (if applicable)** None

**Instructor:** Martha Delgado

**Office Location:** Blackboard Virtual Office

**Contact Info:** Math Department: [mathdepth@utep.edu](mailto:mathdepth@utep.edu)

E-mail address: [madelgado8@utep.edu](mailto:madelgado8@utep.edu)

**Office Hours:** By Appointment (send me an email to set a meeting time)  
Office hours are only held during normal university scheduling. Please allow one business day for the return of emails. Evening and weekend emails will be attended to during regular business hours. Other times at the discretion of the instructor.

During off-scheduling (Finals week) or condensed scheduling (late start, closed university) hours will be adjusted appropriately.

**Textbook:** Finite Mathematics & Applied Calculus, Waner and Constenoble, 7<sup>th</sup> Edition with a WebAssign access code.

**Technology/Materials** Scientific Calculator (permutation/combination key required)  
OR  
A TI-83 or TI-84 (or similar) graphing calculator is recommended.  
WebAssign account is required

**WebAssign:** WebAssign is an online Course Management System of Cengage, the publisher of our text. You must have reliable internet in order to take an online course. You will use the instructions below to access and register for WebAssign.

**You are registered for a pilot section of this course and so the cost of WebAssign is being covered on your behalf. You should not need to pay to have access for this class, in this semester only. Please enroll yourself immediately in order to have the best start to your semester. For this specific course, access code is free.**

**Instructions to access and register for WebAssign:**

To enter your course on WebAssign on June 22th

1. Use Mozilla Firefox, Google Chrome, or Safari since WebAssign works best with these browsers.
2. Go to [www.webassign.net](http://www.webassign.net)
3. Click on “Enter Class Key”
4. Enter the class key given by your instructor: utep 8741 7832 as shown below:

A screenshot of the WebAssign interface showing three input fields for a class key. The first field contains the text 'utep', the second field contains 'XXXX', and the third field contains 'XXXX'. The fields are arranged horizontally and are part of a form for entering a class key.

5. Verify the section number and instructor name, then enter your information. Please make sure that you use your miners email and that you remember the password that you create.
6. The next time you log in, click on “Log In” and enter your miners’ email and the password that you created.

You will also need to install the free WebAssign Lockdown Browser. You can find the download, and all relevant information, here: [https://www.webassign.net/manual/student\\_guide/install-lockdown-browser.htm](https://www.webassign.net/manual/student_guide/install-lockdown-browser.htm)

The lockdown browser will not be an active browser; it will only be enabled for exams. WebAssign will automatically activate the lockdown browser when it needs to, you will always use your regular browser (Chrome, Firefox, or Safari) to enter WebAssign.

**Course Objectives:** Math 1320 is a pre-calculus course designed for liberal arts, business, and non-science majors.

**Learning Outcomes:**

At the successful completion of this course:

- I. Students will be able to model a situation utilizing an appropriate fundamental function (linear, quadratic, exponential, logarithmic) and solve for an unknown variable.
- II. Students will be able to validate a mathematical model algebraically and graphically
- III. Students will be able to model basic financial functions (interest, annuities, loan, and bonds).
- IV. Students will be able to construct and solve systems of linear equations utilizing multiple techniques (including row reduction).

Students 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  
(Daily):**

All work, including homework, quizzes, and exams, will take place through WebAssign. You will find all assignments on [www.webassign.net](http://www.webassign.net).

Daily activities are:

- ✓ Assigned readings, videos, tutorials.
- ✓ Homework
- ✓ Quizzes

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.**

**Assessment of Course  
Objectives:**

Most of your work will come in the form of Homework (15%), and Quizzes (15%).

Students will be responsible to access WebAssign to read lessons in the e-book, watch videos, tutorials, and PowerPoints given in the daily activities, and submit each assignment on time.

All quizzes will be password protected as they are timed at 60 minutes each. Type the password **ready** when you are ready to begin each quiz.

Exams are also timed, but at two hours each. There will be 15 – 20 questions on each of the three exams. To review for the exam, a practice exam will be available. Exams will be available for a 24-hour period on specified date. Practice exams will count as a homework grade, and will be extremely valuable in order to study for your exam. Exam password for exams 1, 2, and 3 is the word: **ready**

You will have a comprehensive final exam. Everyone must take the final exam, regardless of current standing in the course. This exam will be available for a 24 hour period according to the course calendar. Your final exam will have a time limit of two hours and forty-five minutes (165 minutes) and will have a password of: **ready**.

For all timed assignments, the clock begins once you type the password. The 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 prior to beginning the timed assignments.

**Activity Specific Policies:**

**Homework Assignment Settings:** Each question has 5 attempts. The entire question needs to be submitted at once. You will be able to see the answer to the problem you just submitted. After each submission, the numbers will randomize. It is recommended you get help after the

3<sup>rd</sup> incorrect submission rather than waiting till you're out of attempts to get help.

**Quiz Settings:** Each quiz will consist of questions from the sections indicated in parentheses. The quiz is password protected and timed. You will have 60 minutes to complete the quiz from the time you type in the password: **ready**. Each question has two attempts and will not randomize after the first submission. To ensure you are successful, make sure the internet connection is stable, you are ready to focus on the quiz for the next 60 minutes, and you have given yourself enough time before the due date. 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.

**Make-up policy:**

**Homework:** An automatic homework extension can be requested within 1 day after the due date. The new due date will be 24 hours from the time the extension is requested. Note, this means that **time due** will also change. There will be no penalty applied to problems submitted after the original due date.

**Quiz :** There are no automatic extensions for quizzes.

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, etc...) The student needs to inform me of any traveling conflicts before they leave and 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.

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

**Grading Policy:**

Your overall grade will consist of the weighted average of your scores from the daily activities, the three exams, and the final exam. **If it benefits you, the score you receive on the final exam will replace your lowest exam score.** Final exam is required.

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

**Attendance Policy:**

You are expected to work toward completion of the course assignment daily and to attend all scheduled class meetings via Blackboard Collaborative Ultra. However, if you do not submit any assignments onto WebAssign for three consecutive business days, then you will be dropped from this class due to lack of effort. You are expected to check Blackboard and your miners email regularly for announcements as well as the WebAssign Announcement section.

As a UTEP Prep participant, attendance is crucial to your success. Attendance is taken daily. Individual course policies must be adhered to and you are expected to complete an average of thirty hours of class/homework per week. You are expected to attend any and all online class sessions and login to Blackboard a minimum of 4 hours per day. Two consecutive days of not logging into Blackboard is considered an absence. After two absences you will be reported to the UTEP Prep Coordinator. Poor attendance, lack of effort or failure to actively participate in classroom and program activities will affect your grades and your continued participation in UTEP Prep.

**Test Out:**

If a student receives a grade of “D” or “F”, then they may take a comprehensive Test Out exam. A grade of 70% or better on the comprehensive Test Out exam, will replace a failing course grade with a grade of “C”. The Test Out exam will be offered on **August 5th**. (A grade change form will be signed and submitted by the coordinator for Math 1320, Ms. Tuesday Johnson.)

**Course Schedule:**

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

- June 22 – Classes Begin
- July 31 – Last Day of Classes
- July 31 – Final Exam
- August 5 – Test Out Exam (optional, free)

**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, any act designed to give 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, to comply with the Regents' Rules and Regulations, with System and University rules, with directives issued by an administrative official in the course of his or her authorized duties, and to 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.

**Civility Statement:** All correspondence with your instructor and other students should be conducted in an appropriate manner.

**Disability Statement:** If you need classroom accommodations for your success, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to [cass@utep.edu](mailto: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 be responsible for proactive actions in regard to having accommodations met

**Military Statement:** 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.

**Tutoring:** The MaRCS tutoring center offers free tutoring, click here for more information: <https://www.utep.edu/science/math/marcs/> or via email [marcs@utep.edu](mailto:marcs@utep.edu). There are several useful features of WebAssign designed to give extra help. Please also make use of the instructor's office hours.

**Websites:** WebAssign, [www.webassign.net](http://www.webassign.net).

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

## Class Procedures

We will use WebAssign primarily for this course. Blackboard will be used for additional instructor resources.

1. On the first day of class, June 22<sup>nd</sup>, you must use the WebAssign Class Key provided by your instructor to create your account on WebAssign and start working on your assignments. (See attendance policy.)
2. The first assignment to complete is called Entering Math Answers in Enhanced WebAssign. In fact, you won't be able to access any other assignments until you score 100% on this one. This assignment details how to enter your answers on WebAssign.
3. Once you complete that first assignment, follow the course calendar to work on the rest of the assignments daily. I strongly suggest that you follow this order on all sections: first read the textbook and PowerPoint and watch the lecture video for the current section, then complete the homework assignment. The quizzes are designed to help you test your knowledge of the material in a limited time frame. The exams are a major portion of your grade so be sure to log on and complete your exams during the times they are open.
4. The quizzes are times at 60 minutes each. Once you click on the quiz, you will have 60 minutes to finish it. Once you start the quiz, the timer begins and keeps going even if you log out, so be sure that you have an uninterrupted 60 minutes before you click on the quiz. The password for every quiz is the word **ready**.
5. Each of the three semester exams are timed exams. Once you click on the exam, you will have 2 hours to finish 15 – 20 questions. Once you start the exam, the timer begins and keeps going even if you log out, so be sure that you have an uninterrupted two hours before you click on the exam. The password for every main exam is the word **ready**.
6. The final exam is also a timed exam. Once you click on the final exam you will have 2 hours and 45 minutes to finish 20 questions. Once you start, the timer begins and keeps going even if you log out, so be sure that you have an uninterrupted two hours and forty-five minutes before you click on the exam. The password for your comprehensive final exam is the word **ready**.
7. It is essential that you try to keep up with the calendar that accompanies the syllabus. We cover several sections each week. There are no extensions on quizzes or exams without a documented reason, so you need to keep up on the homework so that you can be successful on the exams.
8. You can get extensions for the homework assignments. You have two days to request the extension, but once you have requested it you only have one day from the time you accepted the extension to complete the assignment. Note, the time due will not necessarily be 11:59PM. In order to request an extension for a homework assignment, the deadline had to pass. Click on Past Assignments and then click on "Ask for Extension" on the assignment you wish to extend. If you view the answer key first, the system will not let you request the extension. Homework extensions come with no penalty, however the best thing to do is to get your work done on time. If you rely too much on taking extensions, you will get too far behind and not be prepared for quizzes and exams when they come. You cannot ask for extensions after the last day of class.
9. **Resources:** You can click on resources at the bottom of your WebAssign homepage and you will be able to access PowerPoint lectures from the publisher as well as the Cengage lecture videos for each section that we cover. These are great built in resources to add to what your instructor provides.

First week of class, I will provide my teaching assistant as well as your peer leader email and office hours. They will be your helping human resource.



I hope this will help to get you started in the course. You should be able to start working on the WebAssign assignments beginning Monday, June 22<sup>nd</sup>. Please log in on June 22<sup>nd</sup> and get started on the course. Anyone who has not registered for WebAssign and has not submitted any assignments into WebAssign by Wednesday, June 24<sup>th</sup> at 11:59 PM will be **dropped** from the course. I will be monitoring who has not registered after the first day and sending reminder emails.

Please let me know if you have any questions. Good luck in the course!

Martha Delgado

## Course Calendar Subject To Change

Week	Dates	Sections Covered	Assignments due at 11:59 PM		
<b>1</b>	22-Jun	<b>Course introduction</b>			<b>Notes</b>
		Entering Math Answers in Enhanced WebAssign	Homework	22-Jun	Must earn 100%
		Example Tutorial Assignment	Homework	22-Jun	Must earn 100%
	23-Jun	<b>1.1 Functions from 3 viewpoints</b>	Homework	23-Jun	
	24-Jun	<b>1.2 Functions and Models</b>	Homework	24-Jun	
		<b>Quiz 1 (1.1-1.2)</b>		<b>24-Jun</b>	Timed, Password: ready
	25-Jun	<b>1.3 Linear Functions and Models</b>	Homework	25-Jun	
		<b>Quiz 2 (1.3)</b>		<b>25-Jun</b>	Timed, Password: ready
26-Jun	<b>1.4 Linear Regression</b>	Homework	26-Jun		
<b>2</b>	29-Jun	<b>2.1 Quadratic Functions &amp; Models</b>	Homework	29-Jun	
		<b>Quiz 3 ( 2.1)</b>		<b>29-Jun</b>	Timed, Password: ready
	30-Jun	<b>2.2 Exponential Functions &amp; Models</b>	Homework	30-Jun	
	1-Jul	<b>2.3 Logarithmic Functions &amp; Models</b>	Homework	1-Jul	
		<b>Quiz 4 (2.2 - 2.3)</b>		<b>1-Jul</b>	Timed, Password: ready
		Practice Exam # 1		2-Jul	
		<b>Exam 1</b>		<b>3-Jul</b>	Opens 24 hours prior to due date Timed, Password: ready
<b>3</b>	6-Jul	<b>3.1 Simple Interest</b>	Homework	6-Jul	
	7-Jul	<b>3.2 Compound Interest</b>	Homework	7-Jul	
		<b>Quiz 5 (3.1 - 3.2)</b>		<b>7-Jul</b>	Timed, Password: ready
	8-Jul	<b>3.3 Annuities, Loans, and Bonds</b>	Homework	8-Jul	
		<b>Quiz 6 (3.3)</b>		<b>8-Jul</b>	Timed, Password: ready
	9-Jul	<b>4.1 Systems of 2 Eqs./2 unknowns</b>	Homework	9-Jul	
	10-Jul	<b>4.2 Using Matrices to Solve Systems</b>	Homework	10-Jul	
	<b>Quiz 7 (4.1-4.2)</b>		<b>10-Jul</b>	Timed, Password: ready	
<b>4</b>	13-Jul	<b>4.3 Applications of Systems of Eqns</b>	Homework	13-Jul	
		<b>Quiz 8 (4.3)</b>		<b>13-Jul</b>	Timed, Password: ready
		Practice Exam # 2		14-Jul	
		<b>Exam 2</b>		<b>15-Jul</b>	Opens 24 hours prior to due date Timed, Password: ready
	16-Jul	<b>7.1 Sets and Set Operations</b>	Homework	16-Jul	
17-Jul	<b>7.2 Cardinality</b>	Homework	17-Jul		
	<b>Quiz 9 (7.1-7.2)</b>		<b>17-Jul</b>	Timed, Password: ready	
<b>5</b>	20-Jul	<b>7.3 Decision Algorithms</b>	Homework	20-Jul	
	21-Jul	<b>7.4 Permutations &amp; Combinations</b>	Homework	21-Jul	
		<b>Quiz 10 (7.3-7.4)</b>		<b>21-Jul</b>	Timed, Password: ready
	22-Jul	<b>8.1 Sample Spaces and Events</b>	Homework	22-Jul	
	23-Jul	<b>8.2 Relative Frequency</b>	Homework	23-Jul	
	<b>Quiz 11 (8.1-8.2)</b>		<b>23-Jul</b>	Timed, Password: ready	
24-Jul	<b>8.3 Probability and Probability Models</b>	Homework	24-Jul		
<b>6</b>	27-Jul	<b>8.4 Prob. &amp; Counting Techniques</b>	Homework	27-Jul	
	28-Jul	<b>8.5 Conditional Probability</b>	Homework	28-Jul	
		<b>Quiz 12 (8.3, 8.4, 8.5)</b>		<b>28-Jul</b>	Timed, Password: ready
		Practice Exam # 3		29-Jul	
		<b>Exam 3</b>		<b>29-Jul</b>	Opens 24 hours prior to due date Timed, Password: ready
	30-Jul	Practice Final Exam		30-Jul	
	<b>Final Exam</b>		<b>31-Jul</b>	Opens 24 hours prior to due date Timed, Password: ready	