
THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF Mathematical Sciences

Course #: 14112
Course Title: Mathematics for the Social Sciences I
Credit Hrs: 3
Term: Fall 2009
Course Meetings & Location: MW 6 - 7:20 pm ; LART 208
Prerequisite Courses: Math 0311, or Accuplacer Score of 35 or higher
Course Fee: (if applicable)
Instructor: Claudia L. Talamantes
Office Location:
Contact Information: 434-3033 or cltalamantes@utep.edu

Office Hrs: After class or by appointment

Textbook: Finite
Mathematics &
Applied
Calculus by
Waner and
Costenoble, 4th
Edition

Course Objectives
(Learning Outcomes):

1. Apply algebraic, geometric, and statistical methods to modeling and solving real-world problems.
2. Represent and evaluate mathematical information verbally, numerically, graphically and symbolically.
3. Expand mathematical reasoning skills and formal logic to develop convincing mathematical arguments.
4. Use technology to enhance mathematical thinking and understanding.
5. Interpret mathematical models such as formulas, graphs, tables and schematics.
6. Draw inferences from mathematical models.

General Information About the Course:

Math 1320 is a precalculus course for liberal arts, business, and other non-science majors. The topics covered include:

- **Linear, quadratic, exponential and logarithmic functions**
 - **Systems of linear equations**
 - **Matrix algebra**
 - **The mathematics of finance**
 - **The algebra of sets and probability.**
-

Course I will assign homework from the textbook. I will not
Activities/Assignmen collect textbook hw problems, but you should solve them,
ts: in order to have a good performance in the exams and
receive 10 points extra credit towards each exam.
Teacher will collect a random homework from sections
tested and it must include procedures and diagrams to
receive the extra credit points.

Assessment of
Course
Objectives:

Four unit tests will be given plus a comprehensive final exam. There are no re-tests or make-up exams. No notes or index cards are allowed during exams. There are no extra credit assignments. Each exam will count 100 points with the lowest grade of the unit exams to be replaced by the final exam grade, if it is to the student's advantage. Each student is required to take all the four exams and the final exam.

Make up Exams

There will be no make-up exams

All tests will be worth 90% of your grade and 10% for **attendance**. For every absence you will lose 1%.

Final grade Scale:

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

I. Instructor's Policies

A. **Cheating**

Students will be dropped from this course for cheating. Cheating consists of submitting someone else's work under your name, obtaining information from someone other than the instructor during an exam, making copies of disks (either program or work/files), etc. The duplication of program disks is prohibited by law and punishable by fine.

B. Attendance--Drops

It is the student's responsibility to attend class as per the schedule. It is also the student's responsibility to withdraw from the course for whatever reason. The instructor assumes no responsibility for student withdrawal from the course or for the completion of student's course work. If you are unable to attend class, you are still responsible for material covered during that class period. Please ask one of your classmates for notes.

C. Children in the Classroom/cell phones

Children will **not** be allowed in the classroom.
No cell phones allowed in the class

Make-up Policy: Make-up exams and quizzes will be given only in extraordinary circumstances, which must be documented as early as possible. No late homework accepted. **There is no makeup final exam.**

Attendance Policy: It is the student's responsibility to attend every class, if you miss a class, you will miss a lot of information. If you try to go from one class to another without studying, you will most likely be completely lost during the next class. Students are expected to arrive for class on time and to remain for the class entire period. It is essential to pay attention in class and take legible notes. It is essential to read the textbook and work through the example problems given in the book and class. Failure to accomplish the above, as a minimum almost invariably, ensures a less than satisfactory grade for this course.

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. For further information, please refer to: <http://academics.utep.edu/Default.aspx?tabid=23785> or <http://www.lib.iastate.edu/commons/resources/facultyguides/plagiarism/dishonest.html> .

Civility Statement: Calculators may not be shared during quizzes and exams. Please do not use cell phones, pagers, iPods, MP3 players, blue tooth devices, etc. during class. Cell phones and pagers should be set to silent or vibrate, and any calls should be taken outside of class. Please do not wear headsets or blue tooth devices during class. Please don't talk in class. Cell phone calculators may not be used on quizzes or exams. Active participation in class is expected, teamwork in class will be implemented.

Disability Statement: If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at dss@utep.edu or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.

Military Statement: If you are a military student with the potential of being called to military service and/or training during the semester, please contact me by the end of the first week of class

Week	Dates	Lessons covered	Homework due from these lessons
1	August 24 -30	1.1, 1.2, 1.3	
2	August 31 – Sept 6 Sept 1	1.4, 1.5 Labor Day	
3	Sept. 7 – 13	Review, Exam I	
4	Sept 14 – 20	9.1, 9.2	
5	Sept. 21 – 27	9.3, 9.4. 2.1	
6	Sept. 28 – Oct. 4	2.2, 2.3, Review	
7	Oct. 5 – 11	Exam II , 5.1, 5.2	
8	Oct. 12 – 28	5.3, 6.1	
9	Oct. 19 – 25	6.2, 6.3	
10	Oct. 26 – Nov. 1	6.4, Review	
11	Nov. 2 – 8	Exam III , 7.1	
12	Nov. 9 – 15	7.2, 7.3	
13	Nov. 16 – 22	7.4, 7.5	
14	Nov. 23 – 29 Nov. 27 – 28	Review, Exam IV Thanksgiving	
15	Nov. 30 – Dec. 6	Review for Final Exam	
16	Dec. 7 – 13	Final Exam Wed Dec. 9	7 – 9:45 pm

This is an approximate schedule.