

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

**Math for Social Sciences I - 30652 - MATH 1320**

Type	Time	Days	Where	Date Range	Schedule Type
Class	11:40 am - 1:50 pm	MTWRF	Liberal Arts Building 102	Jun 12, 2016 - Jul 07, 2016 Final Exam: July. 10 <sup>th</sup> , 2016	Lecture (LECT)

**Credit Hours:** 3

**Term:** Summer I, 2017

**Prerequisite Course:** M0311 or TSI score between 350 – 390 or placement by previous accuplacer scores

**Instructor:** Dr. Emil Schwab

**Contact Info:** Office Location: BH 201  
Phone: 747-6758  
E-mail: eschwab@utep.edu

**Office Hours:** TBA

**Textbook and Materials:** Waner and Costenoble, *Finite Mathematics and Applied Calculus* 6<sup>th</sup> and graphing calculator( TI-85/86 or similar)

**Course Contents:**

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

- Linear, Quadratic, Exponential, Logarithmic Functions and Models
- Systems of Linear Equations and Matrices
- The Mathematics of Finance
- Sets and Probability

Students will learn mathematical concepts and methods used in economics, social science, and business. Students will apply mathematical methods by modeling and solving real-world problems. Students will also understand the roles that mathematics and mathematical modeling play in other disciplines and in life.

**Exams and Assignments:**

There will be three unit exams (each worth 100 points) during the semester and a comprehensive final exam (also worth of 100 points). Regularly homework will be assigned. The homework will not be collected, but will be discussed in class. The exams will include problems from homework.

## Syllabus

### **Grading Policy:**

Each exam including the final represents 25% of the final grade. The final grade will be determined by the average of all exams scores including the final, respecting the following grading scale: A 90-100; B 80-89; C 70-79; D 60-69; F below 60  
Extra credit work won't be given for this class.

### **Make-up Policy:**

Make-ups/retests will be given only under extraordinary circumstances documented by the student and at the discretion of the instructor.

### **Attendance & Withdrawal:**

It is the student's responsibility to attend class, to be in contact with all the information transmitted in the class and to make up the work for the missed class. It is expected that everyone attend every class and arrive on time.

It is the student's responsibility to drop the class. Any student with 4 or more absences from lecture might be automatically dropped from the class by instructor. The deadline to drop or to be dropped with an automatic W is **June 30<sup>th</sup>**, 2017. After the drop deadline the College of Science will not approve any drops (W) and you can be dropped only with an F.

### **Academic Integrity Policy:**

Students are required to follow UTEP policy (Academic Dishonesty at UTEP) available at <http://academics.utep.edu/Default.aspx?tabid=23785>

### **Disability Statement:**

If you have a disability and need classroom accommodations, 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 at [www.sa.utep.edu/cass](http://www.sa.utep.edu/cass).  
The student is responsible for presenting to the instructor any CASS 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 course of the semester, you are encouraged to contact the instructor as soon as possible.

### **Tentative Schedule:**

June 20<sup>th</sup> – Exam 1

June 28<sup>th</sup> – Exam 2

July 6<sup>th</sup> – Exam 3

July 10<sup>th</sup> – Final Exam ( 1:00pm)

June 30<sup>th</sup>      Summer 1 Drop/Withdrawal Deadline

July 4<sup>th</sup>        Independence Day Holiday – University closed