Course #: Math 1320 CRN: 30662  
Course Title: Math for Social Sciences I  
Credit Hrs: 3  
Term: Summer 2016  
Course Meetings & Location: M-F 11:40-1:50. College of Business Admin 309

Prerequisite Courses: Placement examination or MATH 0311 or MATH 1305. Every student is individually, fully responsible for all prerequisites for this class. Lack of prerequisite knowledge is NOT AN EXCUSE and will NOT be accepted as an excuse to do poorly on any exam.

Instructor: Dr. Osvaldo Mendez,  
Office Location: Bell 217  
Contact Info: Phone # 747 6862  
E-mail address; osmendez@utep.edu  
Emergency Contact 747-5761

Office Hrs: M 8:30 PM-9:20 AM

Textbook(s), Materials: Required:  

**Finite Mathematics & Applied Calculus, Waner and Constenoble, 6th edition**

Textbook required at all class meetings. Homework is based on textbook. Exams is based on textbook. It is every student individual responsibility to make sure he/she has the correct homework problem set.

Course Objectives (Learning Outcomes): Math for Social Sciences as indicated in Official Catalog.

Course Content: Mathematics for Social Sciences (3-0). Topics of college algebra and geometry including the algebra of sets; linear, quadratic, exponential and logarithmic functions; systems of linear equations and inequalities; matrix algebra; probability and the mathematics of finance. Prerequisite: An adequate score on a placement examination or MATH 0311 or MATH 1305.
There will be two midterm exams and a final exam. No make-ups, no extra
time for arriving late to any exam.

**Activities/Assignments:**
Midterms and final will be based on regularly assigned homework.
Each student is responsible for working on the homework problems.
Questions about the homework are welcome during class time or during
office hours. All steps of every problem should be clearly detailed in all
exams. Exams with no legible printed name on each page will get ZERO
(0) credit, will not be graded and will not be returned.

**Assessment of Course**
Midterm exams, final exam.

**Course Schedule:**
The last day to drop the course without a "W" is Wednesday, June 8th. The last
day to drop the course with a "W" is Friday, June 24. Students who decide to
drop the course must process a drop form, in person, at the Registrar's Office, by
June 24. Please note that the College of Science will remain aligned with the
University and will not approve any drop requests after that date.

**Drop Date: 6/24/2016.**

**IMPORTANT:** After the drop date, you can be dropped only with an F.
No exceptions. The instructor will not grant a W after the drop date.

Second Midterm: Monday, June 20, 2016
Final exam: Friday, July 1st, 2016 (NO MAKE-UPS).

**EXAMS ARE CLOSED BOOK/CLOSED NOTES, NO
CALCULATORS ALLOWED. CELL PHONES MUST BE OFF AND
STOWED AWAY DURING EXAMS. THE FINAL EXAM IS
COMPREHENSIVE, CLOSED BOOKS, CLOSED NOTES, NO
CALCULATORS ALLOWED.**

The answers to all problems in all exams must be written clearly and
legibly. All work must be shown in detail. Answers with no detailed
supporting work will carry zero credit even if correct. Exams with no
names will carry a score of ZERO and will NOT be returned. The student
name must be written on every page of the exam.

**Grading Policy:**
Each Midterm is worth 30% of the final grade. The final exam is worth
40% of the final grade. No extra credits or extra work.
IN ORDER TO BE GRANTED AN INCOMPLETE, A STUDENT MUST
HAVE COMPLETED AT LEAST 60 PERCENT OF THE
COURSEWORK WITH A GRADE OF C OR BETTER. AN
INCOMPLETE WILL NOT BE GRANTED TO ANYBODY WHO HAS TAKEN THE FINAL EXAM.

**Make-up Policy:** No make ups. If a student misses a midterm for a VALID, OFFICIALLY DOCUMENTED reason, the weight of the missing exam will be transferred to the final. **No make up for the final exam.**

**Attendance Policy:** Any student with 3 or more absences from lecture might be automatically dropped from the class with an F. **Every student is individually, fully responsible for all the information/assignments and handouts given/distributed during every lecture, including but not limited to the material covered during missing lecture itself.** It is not the responsibility of the instructor to provide extra information to students who have missed lectures. Office hours are NOT intended to make up for missing lectures.


**Civility Statement:** Students are expected to arrive/leave on time and not to disrupt other student’s right to learning. Any student exhibiting behavior that is disruptive in the opinion of the instructor, will be asked to leave the classroom **and 50 points will be taken off his/her final grade, for every such occurrence.** No extra time for arriving late to any exam, including the final.

**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, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at [www.utep.edu/CASS](http://www.utep.edu/CASS). **CASS’ Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.**

The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.

**Dates** | **Sections Covered** | **Events**
---|---|---
6/6 | 1.1 Functions from three viewpoints 1.2 Functions and Models |  
6/7 | 1.3 Linear Functions and Models 1.4 Linear Regression |  
6/8 | 9.1 Quadratic Functions & Models 9.2 Exponential Functions & Models | Census Day (Last day to drop w/o a W)
6/9 | 9.3 Logarithmic Functions & Models |  
6/10 | 9.3 Logarithmic Functions & Models Exam #1 Review |  

*(Subject to change)*
<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tr>
<td>6/13</td>
<td><strong>Exam 1</strong></td>
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| 6/14 | 2.1 Simple Interest  
     | 2.2 Compound Interest |
| 6/15 | 2.3 Annuities, Loans, and Bonds  
     | 3.1 Systems of 2 Eqs./2 unknowns |
| 6/16 | 3.2 Using Matrices to Solve Systems  
     | 3.3 Applications of Systems of Eqns |
| 6/17 | 3.3 Applications of Systems of Eqns  
     | Exam #2 Review |
| 6/20 | **Exam 2** |
| 6/21 | 6.1 Sets and Set Operations  
     | 6.2 Cardinality |
| 6/22 | 6.3 Decision Algorithms  
     | 6.4 Permutations & Combinations |
| 6/23 | 6.4 Permutations & Combinations  
     | 7.1 Sample Spaces and Events |
| 6/24 | 7.2 Relative Frequency  
     | 7.3 Probability and Probability Models  
     | Course drop deadline |
| 6/27 | 7.4 Prob. & Counting Techniques  
     | 7.5 Conditional Probability |
| 6/28 | 7.5 Conditional Probability  
     | Exam #3 Review |
| 6/29 | **Exam 3** |
| 6/30 | Final Exam Review |
| 7/1  | **Final Exam**  
     | Put the final exam time |