

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICS

Course Number:	1320, CRN 15PXMT1606
Course Title:	Mathematics for the Social Sciences I
Credit Hours:	3
Term:	Wintermester '15
Course Meeting Time:	9:00-12:00 M-S in LART 308 (1/5 until 1/16)
Prerequisite Courses:	Placement examination or MATH 0311 or MATH 1305
Instructor:	C. Mundy-Castle
Office Location:	Bell Hall 115
Contact Info:	Phone: 747-7794 E-mail: cmmundy@utep.edu
Office Hours:	M-F for one hour after class (12:00 to 1:00)
Textbook, Materials:	Finite Mathematics & Applied Calculus, Waner and Constenoble, 6 th Edition. You will not need to purchase this book, as it will be available for free on WebAssign .
Required Technology:	MS Excel, WebAssign .
Course Information:	<p>Math 1320 is a pre-calculus course for liberal arts, business and other non-science majors. The topics covered include:</p> <ul style="list-style-type: none">• Linear, quadratic, exponential, and logarithmic functions• Systems of linear equations• Matrix algebra• The mathematics of finance• The algebra of sets• Probability <p>Students will learn mathematical concepts and methods used in management, social science, and business. Students will develop the view that mathematics is an evolving discipline that is interrelated with human culture. Students will also understand the connections of mathematics to other disciplines.</p>
Assignments:	There will be at least one in-class assignment every class period, which you are to work on during class time. You are encouraged to work in groups on these assignments. You don't need to turn these in; they are for your own benefit. In addition, you will need to complete the Personal Study Plan on WebAssign.
Assessment:	For Wintermester your grade will be calculated by taking the greater of these two options: 100% final exam or 80% final exam, 20% Personal Study Plan.
Grading Policy:	If you score 70% or greater by either of the two grading assessments mentioned above, your grade for 1320 for fall 2013 will be changed to a C. Otherwise, your fall 2013 grade for 1320 will remain unchanged.
Make-up Policy:	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).

- Attendance Policy:** As with every college course, attendance is essential for success. Try not to be absent unless it is absolutely necessary. If possible, it is better to let me know ahead of time when you will be absent. If you are absent, it is your responsibility to find out which assignments you need to make up.
- Academic Integrity:** We will follow the university's policy in this course. You may find it [here](#).
- Civility:** 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 if you absolutely must answer your phone, calls should be taken outside of class. Please do not wear headsets or blue tooth devices during class. Please do not send text messages during class.
- 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. *CASS' Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.*
- 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 me as soon as possible.
- Course Schedule:** See bottom of page.
- Technology:** A TI-83 or TI-84 (or similar) graphing calculator is necessary. The TI-83 Plus calculator used during classes may be downloaded [here](#).
- Drop Deadlines:** There are no drop deadlines for Wintermester.
- Tutoring:** During Wintermester, the only tutoring available will be from the instructor, during office hours, or by private tutor.
- Websites:** In-class assignments, previous quizzes and exams, and other materials can be found at the instructor's [website](#). Information about the test-out exam can be found at the [Math 1320 website](#).

(Subject to change)

Day	Sections Covered
January 5 th	1.1, 1.2, 1.3, 1.4
January 6 th	1.4, 9.1, 9.2, 9.3
January 7 th	9.3, 2.1, 2.2
January 8 th	2.2, 2.3, 3.1
January 9 th	3.1, 3.2, 3.3
January 10 th	6.1, 6.2, 6.3
January 12 th	6.4, 7.1, 7.2
January 13 th	7.2, 7.3, 7.4
January 14 th	7.4, 7.5
January 15 th	Final Exam
January 16 th	Test-Out Exam in Library