

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

**Course Number:** 2301, CRN: 22068  
**Course Title:** Mathematics for the Social Sciences II  
**Credit Hours:** 3  
**Term:** Spring 2015  
**Course Meeting Time:** MW 9:00 am – 10:20 am EDUC 202  
**Prerequisite Courses:** Math 1320  
**Instructor:** Francisco Avila  
**Office Location:** Burges 311  
**Contact Info:** Phone: 747-8752  
E-mail: fco.avila.mat@gmail.com  
**Office Hours:** MW 10:30AM-12:00PM or by appointment.

**Textbook, Materials:** Finite Mathematics & Applied Calculus, Waner and Constenoble, 6<sup>th</sup> Edition. Note that this book may be purchased as an e-book on the WebAssign site or on this micro-site (cheapest way):  
<http://www.cengagebrain.com/micro/1-1EJM76U>

**Required Technology:** WebAssign account.

**WebAssign:** Go to the WebAssign [website](#) and follow these steps:

- 1) Under Username put your (UTEP's) ID number
- 2) Under Institution put UTEP
- 3) Under Password put your (UTEP's) ID number
- 4) Change your password: Click the tab that says "My Options". Change your password to something other than your 800 number, and remember it!

You will be given a two-week grace period during which you will be able to log in without an access code. You will need to purchase an access code to log in after this period. If you purchased a new book, the code should have come with it. Otherwise you'll have to buy one through the WebAssign site. E-book w/code is \$75.

**Course Objectives:** The *Mathematics for Social Sciences II* course is designed for students who major in business, social sciences, and liberal arts. The mathematical concepts will be focused on the real-life applications that students can relate to.

The course contains basic problems and their applications in mathematics, including but not limited to: matrices, limits, the derivative and its applications, and integrals and their applications.

A student who passes this course will be able to understand and work with these mathematical tools, and be able to apply them in future math courses and in their careers.

**Assignments:** You will find all assignments on <http://webassign.net/>. Please use Mozilla Firefox since WebAssign works best with this browser. Unannounced quizzes may be administered in the classroom. You may not use your book during the quizzes.

**Assessment:** Your overall grade will consist of the weighted average of your scores on the exams, homework quizzes, and the final exam. If it benefits you, the score you receive on the final exam will replace your lowest exam score.

**Grading Policy:** The usual grading scale will be used for this course (90%-100% is an A, 80%-89% is a B, etc.)

Three exams	45% (15% each)
Homework	15%
Quizzes	10%
Comprehensive final exam	30%
Total	100%

**Make-up Policy:** Make-up quizzes will only be given for students attending university sponsored events (such as student athletes traveling to meets), and only with prior notification and appropriate documentation. 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, as explained in the Handbook of Operating Procedures. You may find it [here](#). You may be directed to change seats at any time during exams.

**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](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.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.*

**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:** We will cover sections 4.1-4.3, chapter 10 (except 10.5), chapter 11 (except 11.6), sections 12.1-12.3, 13.1-13.2, and, if time permits, 14.1.

**Technology:** A scientific calculator is necessary; a TI-83 or TI-84 graphing calculator will be very helpful.

**Drop Deadlines:** The last day to drop the course without a "W" is Wednesday, February 4<sup>th</sup>. The last day to drop the course with a "W" is Monday, April 6<sup>th</sup>. Students who decide to drop the course must process a drop form, in person, at the Registrar's Office, by April 6<sup>th</sup>. Please note that the College of Science will remain aligned with the University and **will not approve any drop requests after that date.**

**Tutoring:** Online tutorials can be found [here](#). The Tutoring and Learning Center (TLC) offers free tutoring and is located in the campus library. There are several useful features of WebAssign designed to give extra help. There are numerous private tutors available. Please also make use of the instructor's office hours.

### Course Schedule: (Subject to change)

Week of	Sections Covered	Events
January 19	Syllabus, 3.1	
January 26	3.2, 3.3	
February 2	10.1, 10.2	
February 9	10.3, 10.4	
February 16	10.4, Review	Exam #1
February 23	10.6, 11.1	
March 2	11.2, 11.3	
March 16	11.4, 11.5	
March 23	11.5, 11.6	
March 30	11.6, Review	Exam #2
April 6	12.1, 12.2	The last day to drop the course with a "W" is Monday, April 6 <sup>th</sup>
April 13	12.2, 12.3	
April 20	12.4, 13.1	
April 27	Review	Exam #3
May 4	13.2, Review	
May 11	Final's week	<i>The comprehensive <b>final exam</b> will be given on <b>Wednesday, May 13<sup>th</sup></b> from 10:00am to 12:45pm.</i>