

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

**DEPARTMENT OF MATHEMATICS**

**Course Number:** 2301, CRN 11927

**Course Title:** Mathematics for the Social Sciences II

**Credit Hours:** 3

**Term:** Fall 2014

**Course Meeting Time:** MW, 6:00 pm - 7:20 pm in Cotton 201

**Prerequisite Courses:** Math 1320

**Instructor:** Talamantes, C

**Office Location:** Bell Hall 215

**Contact Info:** 434-3033

E-mail: cltalamantes@utep.edu

**Office Hours:** In classroom after class

**Textbook, Materials:** Finite Mathematics & Applied Calculus, Waner and Constenoble, 6th Edition

**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:** There will be an in-class assignment every class period, which you are to work on during your own time or class time by instructors' discretion. You will not have to turn in all of assignments; they are for your own benefit to be able to pass exams. However, instructor might pick up random homework for a grade and it must be neat and organized with procedures. There will be announced/unannounced quizzes based on homework.

**Assessment:** Your overall grade will consist of the weighted average of your scores on the exams, homework, quizzes and the final exam.

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

Two exams 40% (20% each)

Homework quizzes 20%

Attendance 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 missed and notes.

**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.

**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 with a "W" is Friday, Oct 31<sup>th</sup>. **Students will not be dropped by the instructor.** Students who decide to drop the course must process a drop form, in person, at the Registrar's Office, by Oct 31<sup>th</sup>.

**Tutoring:** The Tutoring and Learning Center (TLC) offers free tutoring and is located on the third floor of the campus library. There are numerous private tutors available. Please also make use of the instructor's office hours.

### Approximate Calendar

| Week | Dates         | Sections Covered | Events                                      |
|------|---------------|------------------|---|
| 1    | 8/25 – 8/29   | 4.1 4.2          |   |
| 2    | 9/1 – 9/5     | 10.1, 10.2       | 9/1 – Labor Day, no class                   |
| 3    | 9/8 – 9/12    | 10.3 , 10.4      | 9/10 – Census Day                           |
| 4    | 9/15 – 9/19   | 10.4, Review     |   |
| 5    | 9/22 – 9/26   | Exam I           | <b>Exam 1 this week</b><br>(Exact date TBA) |
| 6    | 9/29 – 10/3   | 11.1, 11.2       |   |
| 7    | 10/6– 10/10   | 11.3,11.4        |   |
| 8    | 10/13 – 10/17 | 11.4, 11.5       |   |
| 9    | 10/20 – 10/24 | Review           | <b>Exam 2 this week</b><br>(Exact date TBA) |

|           |                     |                    |  |
|-----------|---------------------|--------------------|--|
| 10        | 10/27 – 10/31       | Exam II            | 10/31 – Course drop deadline.<br>(Last day to drop with a W) |
| 11        | 11/3 – 11/7         | 12.1, 12.2         |  |
| 12        | 11/10 – 11/14       | 12.3               |  |
| 13        | 11/17 – 11/21       | 13.1, 13.2         |  |
| 14        | 11/24 – 11/28       | 13.2, 14.1         | 11/27-28 – Thanksgiving Holiday,<br>no class                 |
| 15        | 12/1 – 12/5         | Final Exam Review  | 12/5 – Dead Day, no class                                    |
| <b>16</b> | <b>12/8 – 12/12</b> | <b>FINAL EXAMS</b> | <b>TBA</b>   |

**FINAL EXAM DATE:** \_\_\_\_\_