

The University of Texas at El Paso  
College of Science  
Department of Mathematical Sciences

**Course #:** Math 2301 CRN 21607

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

**Credit Hours:** 3

**Term:** Spring 2015

**Course Meeting and Location:** TR 12:00 noon – 1:20 pm, COTT 207

**Prerequisite Courses:** Math 1320

**Instructor:** Tuesday J. Johnson

**Office Location:** Bell Hall 322

**Contact Information:** [tuesdayj@math.utep.edu](mailto:tuesdayj@math.utep.edu)

**Website:** <http://math.utep.edu/Faculty/tuesdayj>

**Office Hours:** Mon 9am – 10am, Tues/Thurs 10:45 am – 11:45 am

**Textbook, Materials:** Finite Mathematics & Applied Calculus, Waner and Constenoble, 6<sup>th</sup> edition.

**Required Technology:**

MS Excel and a WebAssign account.

**WebAssign:** <http://www.webassign.net/>

STEP 1: You must get an access code by either

Purchasing a new textbook, or

Purchasing an access code on the WebAssign website.

STEP 2: Sign in with your student ID as both username and password. The institution in utep.

**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.

## Course Activities/Assignments

**Exams.** We will have three mid-semester exams as well as a comprehensive final exam. The dates of the exams are on the course calendar and the final will be given Tuesday, May 12<sup>th</sup> from 1:00 pm until 3:45 pm. The date and time of the final exam cannot, and will not, be changed for any reason. The three midterm exams will combine to be worth 40% of your overall course grade and the final will be worth 25% of your course grade. If you are satisfied with your grade at the end of the semester, you may opt out of the final exam. If you choose to take the final exam it will be comprehensive and will count (regardless of whether it raises or lowers your grade).

**Homework.** We will have pop quizzes and projects occasionally, but most of our homework will be done online through [www.webassign.net](http://www.webassign.net). Homework will count for the remaining 35% of your overall course grade.

**Grading Policy:** All homework will be graded on webassign and so will be graded immediately. You will have deadlines for your homework but will have five attempts at each assignment. Once a deadline has passed you will no longer be able to access that homework. Do not miss your deadlines.

**Make-up Policy:** Make up work will not be allowed without written documentation stating the emergency or other reason for absence. Even with proper documentation, you are not guaranteed to be allowed to make up back work. If you know you will be missing an assignment or exam it is in your best interest to tell me before that date.

**Grading Scale:** Grades will be assigned on the standard scale: 90 – 100% for an A, 80 – 89% for a B, 70 – 79% for a C and so on. Grades will be calculated with the following weights:

Homework	30%
Midterm Exams	45%
Final Exam	25%

**Attendance Policy:** Attendance is expected and required. Tardiness and/or unexcused absences will result in poor classwork grades, leading to a low overall grade in the course.

**Academic Integrity Policy:** Acts of academic dishonesty will not be tolerated in this class. Lapses in academic integrity will be referred to the Dean of Students, as required, at <http://academics.utep.edu/Default.aspx?tabid=23785>.

**Civility Statement:** The course requires positive behaviors: Be on time and be focused on your work. Newspapers, magazines, other course work, headphones and cell phones will not be tolerated.

**Disability Statement:** If a student has or suspects s/he has a disability and needs an accommodation, s/he should contact the Disabled Student Services Office (DSSO) at 747-5148 or at [dss@utep.edu](mailto:dss@utep.edu) or go to Room 106 Union East Building. The student is responsible for presenting to the instructor and DSS accommodation letters and instructions. Once this is done the instructor in this course will comply with all requirements.

**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 it appears that your service will interfere with this course. I will work with you to ensure that your service will not adversely affect your academic progress.

**Tentative Course Schedule:** Attached

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

### Course Schedule (Subject to Change)

Updated January 17th, 2015

Week of	Sections Covered	Events
January 19 <sup>th</sup>	10.1, 10.2	
January 26 <sup>th</sup>	10.3, 10.4	
February 2 <sup>nd</sup>	10.5, 10.6	
February 9 <sup>th</sup>	11.1, 11.2	
February 16 <sup>th</sup>	Review, Exam 1	<b>Exam #1 (10.1 – 11.2)</b>
February 23 <sup>rd</sup>	11.3, 11.4	
March 2 <sup>nd</sup>	11.5, 12.1	
March 9 <sup>th</sup>		<b>Spring Break</b>
March 16 <sup>th</sup>	12.2, 12.3	
March 23 <sup>rd</sup>	12.4, 12.5	
March 30 <sup>th</sup>	Review	No class 3/31
April 6 <sup>th</sup>	Exam 2, 13.1	<b>Exam #2 (11.3 – 12.5)</b>
April 13 <sup>th</sup>	13.2, 13.3	
April 20 <sup>th</sup>	13.4, Review	
April 27 <sup>th</sup>	Exam 3, Final Review	<b>Exam #3 (13.1 – 13.4)</b>
May 4 <sup>th</sup>	Review for Final	
May 11 <sup>th</sup>	<b>Finals Week</b>	<b>Final Exam on Tuesday, May 12<sup>th</sup> from 1:00 – 3:45</b>

# Class Rules

The following class rules are for your benefit as much as they are for mine. Failure of a student to abide by the rules will result in being asked to leave for the remainder of the class day. Failure of the professor to abide by the rules will result in a reduced homework load for the students.

1. Cell phones will remain silent and put away for the entire class period. Texting, calling, or even using a phone as a calculator will result in the student being asked to leave class immediately.
2. We will have a daily attendance sheet. It is your responsibility to sign in each day. Not only is this a portion of your grade, if you have four absences I will drop you from the course. (Only 2 absences in a class that meets once a week.) This could affect your financial aid and academic standing.
3. All headphones, earbuds, and Bluetooth devices will be removed from your ears and neck while class is in session. You don't want me lecturing with headphones on, I don't want you "listening" with headphones on.
4. You must have a calculator for this class. Your cell phone is not a calculator. No exceptions.
5. There will be no photography, video or audio recording of the lecture or images from the lectures.
6. I do not award extra credit. If you complete all the assignments as they are assigned you will not need extra credit.
7. I do not accept late work without a valid written excuse.
8. All personal items including, but not limited to, back packs, purses, musical instruments, etc. must be placed at the front of the room during all exams.
9. All papers submitted must be stapled if there are two or more pages and all fringes must be removed from notebook paper.