

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

Course Number: 2301 CRN: 33664

Course Title: Mathematics for the Social Sciences II

Credit Hours: 3

Term: Summer 2021

Course Meeting Time: None – course is entirely online via WebAssign and Microsoft Teams.

Prerequisite Courses: Math 1320

Instructor: Dr. Rocio Gallardo

Office Location: Online Only

Contact Info: Phone: 915-747-5703
E-mail: regallardo@utep.edu
Emails will be answered between 9:30 AM MDT and 6:00 PM MDT, Mon. – Thurs. Emails received outside of this window will be addressed during the next time period or at my discretion, whichever is sooner

Virtual Office Hours: Tuesday 10:00 a.m. to 11:00 a.m. MW via Microsoft Teams.
Office hours are only held during normal university scheduling. Please allow one business day for the return of emails. Evening and weekend emails will be attended to during regular business hours. Other times at the discretion of the instructor. During off-scheduling (Finals week) or condensed scheduling (late start, closed university) hours will be adjusted appropriately.

Textbook, Materials: Finite Mathematics & Applied Calculus, Waner and Constenoble, 7th Edition with an Enhanced WebAssign access code. You may purchase just the access card which contains the e-book. ISBN-10: 1-337-27420-8
ISBN-13: 978-1-337-27420-3

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.

Technology/Materials:

1. MS Excell
2. Required: WebAssign account
3. Basic Scientific Calculator at minimum, graphing calculator are recommended, but not required.

WebAssign:

WebAssign is an online Course Management System of Cengage, the publisher of our text. You must have reliable internet in order to take an online course. You will use the instructions below to access and register for WebAssign. You will have a 14-day free trial so that you may access your coursework immediately.

Instructions to access and register for WebAssign:

To enter your course on WebAssign, go to www.webassign.net and follow these steps:

- 1) Click on “Enter Class Key”
- 2) Enter the class key given by your instructor (in blackboard: **utep 4754 0588** in the three boxes given).
- 3) Verify the section number and instructor name, then enter your information. Please make sure that you use your miners email and that you remember the password that you create.
- 4) The next time you log in, click on “Log In” and enter your miners email and the password that you created.

You are required to purchase an access code to log in as soon as possible and definitely before the grace period ends. If you purchased a new book from the UTEP bookstore, the code should have come with it. When entering the code, enter all the words and characters in the boxes appropriately.

**Course Activities/
Assignments:**

You will find all assignments on www.webassign.net. Please use Google Chrome, Mozilla Firefox, or Safari since WebAssign works best with these browsers. All work, including homework, quizzes, and exams, will take place through WebAssign.

Resources: You will have course PowerPoint and video access through the Resources section of WebAssign and Blackboard homepage. You can click on resources at the bottom of your WebAssign homepage and you will be able to access PowerPoint lectures from the publisher as well as the Cengage lecture videos for each section that we cover. These are great built in resources to add to what I provide.

Class Activities & Policies:

Homework: All homework will be completed on WebAssign.

Quizzes: After a few sections of homework, you will have all day to complete the quiz over that material. No password for the quizzes.

Exams: To review for each exam, an exam review will be available. The review is considered a homework score, so be sure to complete the reviews. The exams will be available for a 24-hour period on the date specified by the course calendar. The exam will be open from 7:00 a.m. to 11:59 p.m. No password for the exams.

Retake Exams: A retake exam, for improvement, will appear on WebAssign after the original exam according to the class calendar. The best grade of the two will be recorded. You do not have to take the retake exam if you are satisfied with your original exam score. The retakes will be available for a 24-hour period on the date specified.

Final Exam – The final exam will be available for three days during final exam week, see course calendar. This exam is a comprehensive exam and is required for all students. You may not opt out of the final exam. However, the final exam score may be used to replace a lower exam 1, 2, or 3 score as long as it benefits the student.

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: You will be graded on homework, quizzes, and exams.
15% Homework
15% Quizzes
15% Exam I
15% Exam II
15% Exam III
25% Final Exam

Letter grades are determined according to the following scale: Grade Score
A 90-100
B 80-89
C 70-79
D 60-69
F <60

- 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, 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:** We will cover sections 4.1-4.3, chapter 10, chapter 11, sections 12.1-12.2, 13.1-13.4 and 14.1-14.2.
- 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 April 1th.** 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.

Tutoring:

Online tutorials can be found [here](#). 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.

Course Calendar:

See separate Document

Math 2301 Summer I 2020				
Wk	Date	Day	Sections	Description
1	6/7/20	Monday	Webassign resgistration and 5.1-5.2	Matriz, Addition, subtractions, scalar multiplication. Matrix multiplication
	6/8/20	Tuesday	5.3 and 10.1	Matrix Inversion/ Limits numeracally and graphically
	6/9/20	Wednesday	10.2-10.3	Continuity and limits algebraically
	6/10/20	Thursday	10.4-10.5 & 10.6	Average rate of change/ Introduction to derivatives
	6/11/20	Friday		
	6/13/20	Sunday	HW sections 4.1-4.3 and chpater 10	Complete HW 4.1-4.3 and chapter 10 via webassign, before 11:59 p.m.
2	6/14/20	Monday	Quiz Chapter 4 and 10 @ 11:59 p.m. via webassign.	Complete Quiz chpater 4 and 10 via webassign, before 11:59 p.m.
	6/15/202	Tuesday	11.1-11.2 and 11.3	Power rule derivatives/ Marginal Analysis/ Product/Quotient rule
	6/16/20	Wednesday	11.4-11.6	Chain rule/ Logs and Exponents/Implicit Differentiation
	6/17/20	Thursday	Exam I chapter 4 and 10 @ 11:59 p.m.	Complete Exam I via webassign before 11:59 p.m.
	6/18/20	Friday		
	6/20/20	Sunday	HW sections 11.1-11.5	Complete HW 11.1-11.5 via webassign before 11:59 p.m.
3	6/21/20	Monday	Quiz chapter 11 and RETAKE EXAM I chapter 4 and 10 @ 11:59 p.m.	Complete Quiz chpater 11 via webassign, before 11:59 p.m. RETAKE EXAM I chapter 4 and 10 @ 11:59 p.m.
	6/22/20	Tuesday	12.1-12.2 and 13.1	Maxima and Minima/ Applications / Indefinite Integral
	6/23/20	Wednesday	13.2-13.4	Integral with u substitution
	6/24/20	Thursday	14.1-14.2	Definite integral
	6/25/20	Friday	Exam II Chpater 11 (11.1-11.6)	Complete Exam II via webassign before 11:59 p.m.
	6/27/20	Sunday	HW sections 12.1-12.2 and 13.1-13.4	Complete HW 12.1-12.2 and 13.1--13.4 ia webassign before 11:59 p.m.
4	6/28/20	Monday	Quiz sections 12.1-12.2 and 13.1-13.4 and 14.1-14.2. RETAKE EXAM II chapter 11 @ 11:59 p.m.	Complete Quiz chpater 12.1-12.2 and 13.1-13.4 via webassign, before 11:59 p.m. RETAKE EXAM II chapter 11 @ 11:59 p.m.
	6/29/20	Tuesday		
	6/30/20	Wednesday	RETAKE EXAM III Chpater 12.1-12.2 and 13.1 -13.4 Exam III Sections 12.1-12.2; 13.1-13.4 and 14.1-14.2	
	7/012020	Thuraday	Final exam @ 11:59 p.m.	Complete Final exam via webassign beofre 11:59 p.m.