

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #:	MATH 2301, CRN 11213	
Course Title:	Mathematics for the Social Sciences II	
Credit Hrs:	3	
Term:	Fall 2022	
Course Meetings & Location:	10:30 am - 11:50 am, TR - LART 303	
Prerequisite Courses:	MATH 1320	
Course Fee: (if applicable)	NA	
Instructor:	Thomas Taylor	
Office Location:	Bell Hall, 523	
Contact Info:	E-mail address	ttaylor2@utep.edu
	Phone #	915-747-8814 (Math Dept.)
Office Hrs:	TR 12:15pm - 1:30pm or by appt.	
Textbook(s), Materials:	Required:	Finite Mathematics & Applied Calculus, Warner and Constenoble, 7 th 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
	WebAssign Class Key	utep 8178 8752
Drop Date:	Friday, October 28th	
Course Objectives (Learning Outcomes):	<p>The <i>Mathematics for Social Sciences II</i> 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.</p> <p>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.</p>	

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: Class periods mostly have in-class work completed within the period. Additionally, out of class homework assignments are given. A semester inclusive of **quizzes, mid-terms** and a **final exam** will also assess learning. All works will be graded for completion and accuracy through the **WebAssign** portal.

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.

Technology:

1. MS Excel or Google Sheets
2. Required: WebAssign account
3. Basic Scientific Calculator at minimum, graphing calculator are recommended, but not required. A TI-83 or TI-84 graphing calculator.

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 you 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: 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.

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. Password is **ready**.

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. Password is **ready**.

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.

Course Schedule: We will cover these sections:

Chapter 6 - Linear Programming
Chapter 10 - Introduction to the Derivative
Chapter 11 - Techniques of Differentiation with Applications
Section 12.1- Maxima and Minima
Section 12.2 - Applications of Maxima and Minima
Chapter 13 - The Integral (13.1 – 13.4)
Section 14.1 – Integration by Parts
Section 14.2 - Area between Two Curves and Applications

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: If class is missed for a valid and documented reason, the daily class assignments, quizzes and exams may be made-up for full credit. **ALL MAKE-UPS** will be determined by me, and students should contact me in advance of any missed work, **latest by that very day**. Check your calendars now for potential conflicts with scheduled class assignments or exams. All other assignments should be turned in on time. If a scheduled homework assignment is late, a penalty of 20% of the possible credit will be deducted for each day the assignment is not turned in (including weekends). It is **NOT** the instructor's responsibility to inform students about material covered/information delivered during a lecture in which the student was absent for a non-documented reason. The instructor will NOT repeat the information delivered in a lecture via e-mails or phone calls or by any other means, on the basis that the lecture was missed.

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 Policy: Please see <https://www.utep.edu/student-affairs/osccr/>

Civility Statement: 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.

