THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE

DEPARTMENT OF MATHEMATICAL SCIENCES

COURSE BASICS

Course Number:	MATH 1411: CRN - 11265		
Course Title:	Calculus I		
Credit Hours:	4		
Term:	Fall 2025		
Meeting and Location:	Tuesday & Thursday	Liberal Arts (LART) 203	12:00 PM – 1:20 PM
	Wednesday	Liberal Arts (LART) 203	12:30 PM – 1:20 PM

Prerequisite Courses: MATH 1508 with a grade of C or higher or proper placement

INSTRUCTOR INFORMATION

Instructor: Martha Delgado
Office Location: Bell Hall 115 & Library 218
Email: madelgado8@utep.edu

Office Hours: By appointment:

- Send me an email to set up a meeting.
- Include your information:

Your name and course name

Office hours are only held during normal university schedules. 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 (Final week) or condensed scheduling (late start, closed university) hours will be adjusted appropriately.

Supplementary Contact

Math Department: mathdept@utep.edu
Course coordinator: Dr. Julio Urenda - jcurenda@utep.edu

COURSE OVERVIEW

Course Objectives

You will gain a solid understanding of the concepts of differential and integral calculus, providing a strong foundation for subsequent courses in mathematics and other disciplines, as well as direct applications to real-life situations. Topics include limits, continuity, differentiation, and integration of functions of a single variable.

Learning Outcomes

Upon successful completion of Calculus I, you will:

- Compute limits and derivatives of algebraic, transcendental, and piece-wise defined functions.
- Identify and apply the most common derivative rules associated with the algebra of functions.
- Compute definite and indefinite integrals of algebraic, trigonometric, inverse trigonometric, exponential, logarithmic, and piece-wise defined functions.
- Determine the continuity and differentiability of a function on its domain.
- Analyze the derivative of a function to determine.
    - Critical values
    - Inflection Points
    - Subsets of monotonicity
    - Subsets of fixed concavity
- Analyze the graph of a function to estimate its derivative and infer functional properties.
- Solve problems in a range of mathematical applications using the derivative of the integral and
- Familiarize and apply.
    - Rolle's Theorem
    - The Mean Value Theorem
    - The Intermediate Value Theorem
    - The Fundamental Theorem of Calculus

REQUIRED MATERIALS

Textbook

Calculus by Larson, 12th Edition (available as e-book and hardcover) with an Enhanced WebAssign Access code. ISBN-13: 978 0357749135

Required

You must have the Enhanced WebAssign access code. This gives you full access to both the assignments and the e-book.

Optional

A hard copy of the textbook is available, but it is optional for the class. The e-book is adequate and comes with the necessary access code.

Calculator

A scientific calculator (e.g., TI-30XIIS) is required. A graphing calculator with derivative and integration capabilities is not allowed.

Online Components

You must have a WebAssign account (free) and the Enhanced WebAssign access code (paid access).

Ensure your UTEP e-mail account works, you have consistent internet access, and you have a stable web browser. Mozilla Firefox, Google Chrome, and Safari are the most supported browsers for Blackboard and WebAssign.

You will need to have regular access to a computer or laptop. There may be a need for more than just a cell phone for completing coursework. You will need to download and update the following software:

- Microsoft Office (available for free through UTEP),
- Adobe,
- Windows Media Player or QuickTime Player, and
- Java.

WebAssign

WebAssign is an online course management system used by Cengage, the publisher of our textbook. ***You must have a reliable internet connection to take this course***. Follow the instructions below to access and register for WebAssign using your official UTEP email account. You will have a 14-day free trial to access your coursework immediately.

Accessing and Registering for WebAssign through Blackboard

On the first day of classes, sign in to **Blackboard** and follow these steps:

1. Enter your **Math 1411** course.
2. On the **Course Content**, click on the **"MATH 1411 11265 – WebAssign."**
3. You will be redirected to the **WebAssign platform**.
4. Follow the prompts to create your WebAssign account.
    - **Use your UTEP email when registering.**

You must purchase an access code to log in as soon as possible and before the grace period ends. If you bought a new book from the UTEP bookstore, the code should have been included with it. When entering the code, please enter all the words and characters in the boxes correctly.

Activities and Assignments

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

Resources:

You will have access to PowerPoint and video resources through the Resources section of WebAssign and Blackboard. You can click on "Resources" at the bottom of your WebAssign homepage to access PowerPoint lectures from the publisher and Cengage lecture videos for each section we cover.

Tutoring

The MaRCS tutoring center offers free tutoring for math classes. Their website has more information: https://www.utep.edu/science/math/marcs/.

Several valuable features in WebAssign are designed to provide extra help. These include “Watch it” and “Master it” links, which were publisher-created and enabled for every homework question for which they are available.

I am also available during office hours to assist with any questions you may have.

Class Activity Settings

Homework Assignments

All homework will be completed on WebAssign. Each question has five attempts. I recommend getting help after the third incorrect submission, rather than waiting until you have exhausted your attempts to seek assistance.

The Ask Your Teacher feature of WebAssign is the best way to ask questions about your homework, as it shows me the entire problem. You are encouraged to use this as your first contact method whenever you have homework questions.

Quizzes

Quizzes will be taken in the classroom on the day announced during class (usually after I answer any questions you may have from the WebAssign assignments). Quizzes are **graded manually**, and scores are **uploaded manually in WebAssign**; however, the system will **automatically average your quiz scores**.

Exams

An exam review will be available on WebAssign a few days before the exam date. The exam review is a homework score, so complete it promptly.

E**xams will be taken in the classroom**, starting with **Exam 2 on Thursday, October 30th**, and continuing with **Exam 3 on Thursday, December 4th**.

Exam 1	**Friday, September 26, 2025**
Exam 2	**Thursday, October 30, 2025**
Exam 3	**Thursday, December 4, 2025**

Final Exam

The final exam will be taken in the classroom on **Tuesday** of final exam week. This comprehensive exam is required for all students and is worth 30% of their course grade. It is timed at 165 minutes (2 hours and 45 minutes).

Grading Policy

Your graded work decomposes as follows:

Category	Percentage Weight Towards Final Grade
Homework	10%
Quizzes	15%
Exam I	15%
Exam II	15%
Exam III	15%
Comprehensive Exam	30%

Letter grades are determined according to the following scale:

Numerical Value	Letter Grade
90 or above	A
80 or above but less than 90	B
70 or above but less than 80	C
60 or above but less than 70	D
Less than 60	C

We will establish a work contract to be completed within the deadlines.

Drop Policy

The Drop Date for this semester is October 31st before 5:00 PM MDT. No drops will be approved after this date or time.

Students who decide to drop the course must process a drop form by emailing from their official UTEP email account to records@utep.edu by the above date. When emailing, be sure to use their official UTEP Miners email account and include their full name, student ID number, and complete class details, such as the course name, number, and CRN. Please note that the College of Science will remain aligned with the University and **will not approve any drop requests after that date**.

Incomplete Grade Policy

Incomplete grades may be requested only in exceptional circumstances after you have completed at least half of the course requirements. Talk to me immediately if you believe an incomplete is warranted.

Course Schedule

The last pages of this syllabus contain a comprehensive course schedule and highlights of the semester. For more details, refer to the UTEP Academic Calendar.

COURSE COMMUNICATION

Student office hours are when you can get individualized help from me. I can answer questions about course content and address your concerns in class.

- **Email:** The best way to contact me is via UTEP email. I will make every attempt to respond to your email within 24-48 hours of receipt. Email me from your UTEP student account and put the course number in the subject line. In the body of your email, clearly state your question. Put your first and last name and university identification number at the end of your email.

- **Announcements:** Check the Blackboard and WebAssign announcements frequently for updates, deadlines, or other important messages.

UNIVERSAL COURSE POLICIES AND STATEMENTS

Make-up Policy

Homework

A homework extension can be requested within seven days of the due date. To do so, log in to WebAssign and click on My Assignments. Scroll to the assignment you want to extend and click Request Extension. Select "Automatic" and "Accept" the extension. The new due date will be 48 hours before the request for the extension. Note that this also means the timing will change. No penalty will be applied to problems submitted after the original due date. You may request an extension for each homework assignment only once, so be sure you are prepared to complete the work when you accept the extension.

You may not view the key to a homework assignment before requesting the automatic extension.

Quizzes

Quizzes are not extended. They are available on their due date. Please make plans to take the quiz early if you have a conflict.

If you believe you have an extenuating circumstance or an excused absence that will prevent you from completing the assignment or quiz promptly, please contact me immediately and be prepared to provide supporting documentation.

University-Sponsored Events

These include, but are not limited to, attending conferences and athletic competitions. Please inform me of any travel conflicts before they leave and make adequate arrangements to cover the missed material within one week of their return. Please do so to avoid the forfeiture of points.

Exams

A make-up exam will only be given in extraordinary circumstances, such as severe illness or death in the immediate family, and with appropriate documentation (e.g., doctor's note).

Alternative Means of Submitting Work in Case of Technical Issues

I strongly suggest submitting your work with plenty of time to spare if you encounter a technical issue with the course website, network, or computer. I encourage you to save all your work (answers to discussion points, quizzes, exams, and essays) in a separate Word document as a backup. This way, you will have evidence that you completed the work and will not lose credit. If you are experiencing difficulties submitting your work through the course website, please contact the UTEP Help Desk.

As a last resort, you can email me your backup document. You must also provide proof of the technical issue, such as a screenshot or an email from your internet provider describing an outage in your area.

Attendance Policy

Attendance will be taken at every class meeting, after 3 unexcused absences, you will be dropped from the course.

You are expected to work diligently on completing the course assignments daily. Your completed tasks measure attendance in this course. Failing to complete tasks is equivalent to being absent from work.

Please complete the job within several weeks to avoid being dropped from the course section. You must regularly check Blackboard and your UTEP Miners email for announcements, as well as the WebAssign Announcement section.

Academic Integrity Policy

The University policy is that all suspected cases or acts of alleged academic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of academic dishonesty is subject to discipline. Academic dishonesty includes but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give an unfair advantage to a student or the attempt to commit such acts.

Each student is responsible for notifying and complying with the Regents' Rules and Regulations provisions, which are available for inspection electronically at https://www.utsystem.edu/offices/board-regents/regents-rules-and-regulations.

All students are expected and required to obey the law, comply with the Regents' Rules and Regulations, as well as System and University rules, and directives issued by administrative officials during their authorized duties. They are also expected to observe appropriate standards of conduct for the University. Students who enroll at the university must conduct themselves in a manner compatible with its function as an educational institution.

Any student who engages in conduct that Regents' Rules prohibit, Regulations, U. T. System or University rules, specific instructions issued by an administrative official, or federal, state, or local laws are subject to discipline, whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such behavior.

Course Etiquette Policy

All correspondence with your instructor, TA, and other students should be conducted appropriately and professionally. Please be considerate of your tone and word choice in all your posts.

Accommodation Policy

The University is committed to providing reasonable accommodations and auxiliary services to students, staff, faculty, job applicants, applicants for admissions, and other beneficiaries of University programs, services, and activities with documented disabilities to provide them with equal opportunities to participate in programs, services, and activities in compliance with sections 503 and 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA) of 1990 and the Americans with Disabilities Act Amendments Act (ADA) of 2008. Reasonable accommodations will be made unless it is determined that doing so would cause undue hardship for the University. Students requesting accommodation based on a disability must register with the UTEP Center for Accommodations and Support Services (CASS). Contact the Center for Accommodations and Support Services at 915-747-5148, email them at cass@utep.edu, or apply for accommodations online via the CASS portal.

Military Statement

If you are a military student who may be called to military service or training during the semester, please contact me as soon as you receive your orders.

Copyright Statement

All materials used in this course are protected by copyright law. The course materials are intended for students currently enrolled in this course and are exclusive to this course. They may not be further disseminated.

Culture of Care Statement

UTEP promotes a culture of care and excellence. In this course, I strive to model kindness and do my best to support you in your learning while maintaining high expectations and achieving positive learning outcomes.

COURSE RESOURCES

Where you can go for assistance, UTEP provides a variety of student services and support:

Academic and Technology Resources

- **Help Desk**: If you are experiencing technical challenges (email, Blackboard, software, etc.), you can submit a ticket to the UTEP Help Desk for assistance. Contact the Helpdesk via phone, email, chat, website, or in person, if on campus, at Academic Resources.
- **UTEP Library**: Access a wide range of resources, including online full-text access to thousands of journals and eBooks, a reference service, and librarian assistance.
- **Math Tutoring Center (MaRCS)**: Ask a tutor for help and explore other available math resources.

Individual Resources

- **Military Student Success Center**: Assists personnel in any service branch and their dependents in reaching educational goals.
- **Center for Accommodations and Support Services**: This organization assists students with ADA-related accommodations for coursework, housing, and internships.
- **Counseling and Psychological Services**: Provides various counseling services, including individual, couples, and group sessions, as well as career and disability assessments.

This is a living document; updates may be posted to the LMS.