

# THE UNIVERSITY OF TEXAS AT EL PASO

## COLLEGE OF SCIENCE

DEPARTMENT OF MATHEMATICAL SCIENCES

### COURSE BASICS

Course Number: MATH 1411: **21216**  
Course Title: Calculus I  
Credit Hours: 4  
Term: Spring 2026  
Meeting and Location: Mon, Tue, Wed, Thu, 11:30 to 12:20, Psychology Building 307  
Prerequisite Courses: MATH 1508 with a grade of C or higher or proper placement



### INSTRUCTOR INFORMATION

Instructor: Dr Kenneth Duru  
Office Location: Bell Hall 211  
Email: [kduru@utep.edu](mailto:kduru@utep.edu)  
Office Hours: Tue, Thu, 12:30 to 13:30

Emails will be answered Monday to Friday *between 9:00 to 17:00*. Emails received outside these windows will be addressed during the subsequent period or at my discretion, whichever is sooner. 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. During scheduled times, you are welcome to drop in without an appointment. You are only required to attend the sessions if you have questions or concerns. If you need help and cannot participate during the scheduled time, please email me to schedule an appointment.

### Supplementary Contact

Math Department: [mathdept@utep.edu](mailto:mathdept@utep.edu)  
Course coordinator: Dr. Julio Urenda - [jcurenda@utep.edu](mailto: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 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 suggested but not necessary. A 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),
- [Respondus Lockdown Browser and Monitor](#),
- [Adobe](#),
- [Windows Media Player](#) or [QuickTime Player](#), and
- [Java](#).

## Blackboard

We will post initial materials on Blackboard, but WebAssign will be our primary platform.

### Modules:

This course is designed using a modular format. Each chapter is “packaged” as a single module so that all the materials, lecture notes, submission areas, and discussion posts are in one location for a given week.

## 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. Your instructor will provide you with an access code or link.

Instructions to access and register for WebAssign:

On the first day of classes, go to [www.webassign.net](http://www.webassign.net) and follow these steps:

- 1) Click on “Enter Class Key.”
- 2) Enter the class key given by your instructor. Be sure to include all three sections shown:

<https://www.getenrolled.com/?courseKey=utep92544098> ✚

UTEP\_9254\_4098 \*

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.

## Activities and Assignments

You will find assignments on [www.webassign.net](http://www.webassign.net). Please use Mozilla Firefox, Google Chrome, or Safari since WebAssign works best with these browsers.

### Resources

You will have access to PowerPoint and video resources through the Resources section of WebAssign. 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 created by the publisher and enabled for every homework question for which they are available.

Your instructor is also available during office hours to assist with any questions you may have.

## Class Activity Description

### Homework Assignments ✚

Practice is an essential component of learning mathematics, and completing your homework is a key factor in your learning process. All online homework problems have a limited number of attempts. It is recommended to seek help rather than waiting until you have exhausted your tries.

## Quizzes

After a few homework assignments, you will have a quiz covering that material. These questionnaires may contain problems you have not encountered previously, but they will be based on the same concepts.

## Exams

An exam review will be available a few days before the exam date. The exam review counts as homework, so complete it promptly. Exams will be available only on the date specified below.

**Exam 1**      **Thursday, February 19, 2026**

**Exam 2**      **Thursday, April 2, 2026**

**Exam 3**      **Thursday, May 7, 2026**

You can retake each midterm exam to improve your grade, if desired. *The exact dates are available on the course calendar.* **The same rules apply to retake examinations.**

## Final Exam

The final exam will be available only 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).

## Timed Online Assignments

For all timed assignments, the clock starts when you open the task, so you cannot return to it later. It will not stop for any reason, not even if you log out. For this reason, checking for updates on your computer before beginning the timed assignments is vital. The due date will be adjusted to reflect the time limit for timed tasks once you begin the task. Also, if you choose to start an assignment less than the time window before the due date, the assessment will conclude at the due date, and your answers will be auto-submitted.

## Password-Protected Assignments

Your instructor will provide the password for all such assignments.

## 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%

95%

5%

— Attendance

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	F

## Course Adjustments

The instructional team may make reasonable adjustments to course policies, schedules, assessments, or procedures when necessary to maintain fairness and academic integrity or to address logistical/technical constraints. Updates through the official LMS and/or official course communications supersede prior versions.

## Drop Policy

*The Drop Date for this semester is April 2, 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 it 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. During scheduled times, you are welcome to drop in without an appointment. You are only required to attend the sessions if you have questions or concerns. If you need help and cannot participate during the scheduled time, please email or text me to schedule an appointment.

Office hours are only held during regular university scheduling. Please allow at least one business day for email returns. Evening and weekend emails will be addressed during regular business hours; other times will be at the instructor's discretion.

Hours will be adjusted appropriately during off-scheduling periods (such as Finals week) or condensed scheduling periods (late start, closed university).

## 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 must not view the key to a homework assignment before requesting the automatic extension.

#### Quizzes

Quizzes admit no extensions. They are available only 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 a quiz promptly, be sure to get in touch with your instructor 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., a doctor's note).

#### Proof of Work and 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. You must save all your work (answers to discussion points, homework, quizzes, exams, and essays) in a separate document. 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 get in touch with the UTEP Help Desk.

As a last resort, you can email your instructor your documents. 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

You are expected to work diligently on completing the course assignments daily and attend all scheduled class meetings. Your completed tasks count toward your attendance in this course. Failing to complete designated tasks is equivalent to being absent from class. Please complete assignments consistently to avoid being dropped from the course. Please see the UTEP [catalog](#) for more details. You must regularly check Blackboard, your UTEP Miner's email, and WebAssign for announcements.

## **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 the Regents' Rules and Regulations and complying with them 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 the University's appropriate standards of conduct. 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 is 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](mailto: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 your instructor 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 at Academic Resources if on campus.
- [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.