

**THE UNIVERSITY OF TEXAS AT EL PASO**  
**COLLEGE OF SCIENCE**  
**DEPARTMENT OF MATH**

Course #: M1411  
Course Title: Calculus I  
Credit Hrs: 4  
Term: Spring 2018  
Course Meetings & Location: LART 307 MTWR 10:30am – 11:20am  
Prerequisite Courses: Math 1508 with a grade of at least C or appropriate placement scores.


Instructor: Dr. Julio Urenda  
Office Location: LIB 504  
Contact Info: 747-7005  
E-mail address [jcurenda@utep.edu](mailto:jcurenda@utep.edu)  
Emergency Contact: (915)747-5761 (Math Department)  
Office Hrs: MTWR 11:25am – 11:55am

Textbook(s), Materials:      Required: Calculus by Larson, 11th Edition (available as e-book and hardcover)  
We recommend purchasing one of the Lifetime of Edition option.

Required: Basic Scientific Calculator (a calculator without graphing, derivative or integration capabilities)

Class Key: **utep 3255 2688**

Course Objectives (Learning Outcomes): Students are expected to have a clear understanding of the ideas of Calculus as a solid foundation for subsequent courses in mathematics and other disciplines as well as for direct application to real life situations.

Course Activities/Assignments: You will find all assignments on <http://webassign.net/> . Please use Mozilla Firefox, , or Google Chrome since WebAssign works best with these browsers. Unannounced quizzes may be administered in the classroom.

Assessment of Course Objectives: There will be 3 exams and one comprehensive final. These are departmental exams and to be taken in class during the assigned date as found on the calendar. NO EXTRA CREDIT OR CURVES ON EXAMS. NO REPLACEMENT OF EXAM WITH FINAL EXAM. A Retake Exam, for improvement, will be administered in the library after exam 1, 2 and 3. The best grade will be recorded for student grade.

To register for a retake exam go to <http://www.math.utep.edu/classes/retake/>. Failure to register means that you may not take this optional exam. Students must attempt the written exams, failure to take the first two written exam will result in the student to be dropped from this class.

If a student receives a grade of D or F, they may register for Maymester or take a comprehensive TestOut exam after Maymester. A grade of 70% or better on the comprehensive Maymester exam or a 70% or better on the TestOut exam will replace a failing course grade with a grade of C. (A grade change form will be signed and submitted by the coordinator for Pre-Calculus, Mr. Julian Viera.).

Grading Policy: Your grade will be calculated as follows:

WebAssign	10%
Quizzes	15%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Comprehensive Final	30%

The grading scale for this course is:

90 – 100 = A

80 – 89 = B

70 – 79 = C

60 – 69 = D

0 – 59 = F.

**The Drop Date for this semester is Thursday March 29, 2018.  
No drops will be approved after this date.**

Make-up Policy: No makeup exams will be allowed except with proper documentation, i.e. doctor's note, hospital's note, or UTEP excused absence document.

Attendance Policy: Students must attend every class. Students are to arrive on time to class. It is the student's responsibility to find out what assignment must be made up when they are absent.

Civility Statement: Calculators may not be shared during quizzes and exams. 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 any calls should be taken outside of class. Please do not wear headsets or blue tooth devices during class. Please don't talk in class. Cell phone calculators may not be used on quizzes or exams. Active participation in class is expected, teamwork in class will be implemented.

Video or pictures of lectures must have written consent from the instructor and student(s).

Academic Integrity Policy: The University policy is that all suspected cases or acts of alleged scholastic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic 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 unfair advantage to a student or the attempt to commit such acts. Each student is responsible for notice of and compliance with the provisions of the Regents' Rules and Regulations, which are available for inspection electronically at <http://www.utsystem.edu/bor/rules/homepage.htm>.

All students are expected and required to obey the law, to comply with the Regents' [Rules and Regulations](#), with System and University rules, with directives issued by an administrative official in the course of his or her authorized duties, and to observe standards of conduct appropriate for the University. A student who enrolls at the University is charged with the obligation to conduct himself/herself in a manner compatible with the University's function as an educational institution.

Any student who engages in conduct that is prohibited by Regents' [Rules and Regulations](#), U. T. System or University rules, specific instructions issued by an administrative official or by 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 conduct.

**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 must contact me as soon as possible **before** you leave.

**Disability Statement:** If a student has or suspects she/he has 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](mailto:cass@utep.edu), or visit their office located in UTEP Union East, Room 106. The student is responsible for presenting to the instructor any CASS accommodation letters and instructions. For additional information, please visit the CASS website at [www.utep.edu/CASS](http://www.utep.edu/CASS). *CASS' Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.*

**Webpage's for PreCalculus:** Visit our website and read the course information thoroughly at <http://www.math.utep.edu/classes/calculus/>

or find us on facebook for information and News  
<http://www.facebook.com/pages/UTEP-PreCalculusCalculus/180583381999326>

**Course Schedule:**

<b>Material for Exam 1: Chapter 1 and Chapter 2 up to 2.5</b>			
<b>Date</b>	<b>Day</b>	<b>Sections</b>	<b>Description</b>
1/15/2018	Monday	No Classes	
1/16/2018	Tuesday	Syllabus	
1/17/2018	Wednesday	1.1	A Preview of Calculus
1/18/2018	Thursday	1.2	Finding Limits Graphically and Numerically
1/22/2018	Monday	Quiz/Study Groups	
1/23/2018	Tuesday	1.3	Evaluating Limits Analytically
1/24/2018	Wednesday	1.4	Continuity and One-Sided Limits
1/25/2018	Thursday	1.5	Infinite Limits
1/29/2018	Monday	Quiz/Study Groups	
1/30/2018	Tuesday	2.1	The Derivative and the Tangent Line Problem
1/31/2018	Wednesday	2.2	Basic Differentiation Rules of Change - <b>Census Day</b>
2/1/2018	Thursday	2.3	Product and Quotient Rules and Higher-Order Derivatives
2/5/2018	Monday	Quiz/Study Groups	
2/6/2018	Tuesday	2.3	Product and Quotient Rules and Higher-Order Derivatives
2/7/2018	Wednesday	2.4	The Chain Rule

2/8/2018	Thursday	2.4	The Chain Rule
2/12/2018	Monday	Quiz/Study Groups	
2/13/2018	Tuesday	2.5	Implicit Differentiation
2/14/2018	Wednesday	Review	Review
2/15/2018	Thursday	<b>Exam 1</b>	
<b>Feb. 23</b>	<b>Retake Exam</b>	<b>Library 204A</b>	<b>Online Testing</b>

<b>Material for Exam 2: Section 2.6 and Chapter 3</b>			
Date	Day	Sections	Description
2/19/2018	Monday	2.6	Related Rates
2/20/2018	Tuesday	2.6	Related Rates
2/21/2018	Wednesday	3.1	Extrema on an Interval
2/22/2018	Thursday	3.2	Rolle's Theorem and the Mean Value Theorem
<b>2/23/2018</b>	<b>Friday</b>	<b>Exam 1 Retake</b>	
2/26/2018	Monday	Quiz/Study Groups	
2/27/2018	Tuesday	3.2	Rolle's Theorem and the Mean Value Theorem
2/28/2018	Wednesday	3.3	Increasing and Decreasing Functions & First Derivative Test
3/1/2018	Thursday	3.4	Concavity and the Second Derivative Test
3/5/2018	Monday	Quiz/Study Groups	
3/6/2018	Tuesday	3.5	Limits at Infinity
3/7/2018	Wednesday	3.6	A summary of Curve Sketching
3/8/2018	Thursday	3.7	Optimization Problems
<b>3/12/2018</b>	<b>3/16/2018</b>	<b>No Classes</b>	<b>Spring Break</b>
3/19/2018	Monday	Quiz/Study Groups	
3/20/2018	Tuesday	3.7	Optimization Problems
3/21/2018	Wednesday	3.8	Newton's Method
3/22/2018	Thursday	Review	
3/26/2018	Monday	4.1	Antiderivatives and Indefinite Integration
3/27/2018	Tuesday	<b>Exam 2</b>	
3/28/2018	Wednesday	4.2	Area
<b>3/29/2018</b>	Thursday	4.3 - Return Exam 2 <b>March 29 is course drop deadline</b>	Riemann Sums and Definite Integrals
3/30/2018	<b>No Classes</b>	<b>Cesar Chavez</b>	

<b>Material for Exam 3: Chapter 4 and 5</b>			
Date	Day	Sections	Description
4/2/2018	Monday	Quiz/Study Groups	
4/3/2018	Tuesday	4.3	Riemann Sums and Definite Integrals
4/4/2018	Wednesday	4.4	The Fundamental Theorem of Calculus
4/5/2018	Thursday	4.5	Integration by Substitution
<b>4/6/2018</b>	<b>Retake Exam 2</b>	<b>Library 204A</b>	<b>Online Testing</b>
4/9/2018	Monday	Quiz/Study Groups	
4/10/2018	Tuesday	4.6	Numerical Integration
4/11/2018	Wednesday	5.1	The Natural Logarithmic Function: Differentiation

4/12/2018	Thursday	5.2	The Natural Logarithmic Function: Integration
4/16/2018	Monday	Quiz/Study Groups	
4/17/2018	Tuesday	5.3	Inverse Functions
4/18/2018	Wednesday	5.4	Exponential Functions: Differentiation and Integration
4/19/2018	Thursday	5.4	Exponential Functions: Differentiation and Integration
4/23/2018	Monday	Quiz/Study Groups	
4/24/2018	Tuesday	5.5	Bases other than e and Applications
4/25/2018	Wednesday	5.6	Inverse Trigonometric Functions: Differentiation
4/26/2018	Thursday	5.7	Inverse Trigonometric Functions: Integration
4/30/2018	Monday	Quiz/Study Groups	
5/1/2018	Tuesday	5.8	Hyperbolic Functions
5/2/2018	Wednesday	<b>Exam 3</b>	
5/3/2018	Thursday	<b>REVIEW</b>	
<b>5/4/2018</b>	<b>Friday</b>	<b>Dead Day</b>	
<b>10-May</b>	<b>Retake Exam 3</b>	<b>Library 204A</b>	<b>Online Testing</b>
<b>Final Exam Schedule</b>			
<b>Time your class meets on Mondays</b>	<b>Date of final exam</b>	<b>Final exam day and time</b>	
10:30 AM	5/10/2018	Thursday 10:00AM - 12:45PM in your Thursday classroom	