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

Course #:	Math 1411, CRN 12882
Course Title:	Calculus I
Class Key:	**utep 6597 0756**
Credit Hrs:	4
Term:	Fall 2019
Course Meetings & Location:	Monday and Wednesday from 9:30-10:20 at Liberal Arts room 307; Tuesday and Thursday from 9:30-10:20 at Liberal Arts room 303
Prerequisite Courses:	Math 1508 with a grade of at least C or appropriate placement scores.

Instructor:	Dr. Rocio E. Gallardo
Office Location:	Bell Hall 130 E
Contact Info:	(915) 747-5703 E-mail address regallardo@utep.edu Emergency Contact (915)747-5703
Office Hrs:	Monday from 6:00-7:00 p.m.

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)

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 exams 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 Winter-mester or take a comprehensive TestOut exam after Winter-mester. A grade of 70% or better on the comprehensive Winter-mester 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 Calculus, Tuesday J. Johnson).

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 Friday November 1, 2019. 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:	Please do not use smart phones, smart watches, IPads, blue tooth or any smart device during quizzes and exams. Cell phones and tablets 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. Calculators may not be shared during quizzes and 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:	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 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.*

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 Calendar:

Material for Exam 1: Chapter 1 and Chapter 2 up to 2.5

Date	Day	Sections	Description
8/26/2019	Monday	Syllabus	
8/27/2019	Tuesday	1.1	A Preview of Calculus
8/28/2019	Wednesday	1.2	Finding Limits Graphically and Numerically
8/29/2019	Thursday	1.3	Evaluating Limits Analytically
9/2/2019	**Monday**	**University Closed**	**Labor Day**
9/3/2019	Tuesday	1.3	Evaluating Limits Analytically
9/4/2019	Wednesday	1.4	Continuity and One-Sided Limits
9/5/2019	Thursday	1.5	Infinite Limits
9/9/2019	Monday	*Quiz/Study Groups*	*optional*
9/10/2019	Tuesday	2.1	The Derivative and the Tangent Line Problem
9/11/2019	Wednesday	2.2	Basic Differentiation Rules of Change
9/12/2019	Thursday	2.3	Product and Quotient Rules and Higher-Order Derivatives
9/16/2019	Monday	*Quiz/Study Groups*	*optional*
9/17/2019	Tuesday	2.4	The Chain Rule
9/18/2019	Wednesday	2.4	The Chain Rule
9/19/2019	Thursday	2.5	Implicit Differentiation
9/23/2019	Monday	*Quiz/Study Groups*	*optional*
9/24/2019	Tuesday	Review	
9/25/2019	Wednesday	2.6	Related Rates
9/26/2019	Thursday	**Exam 1**	
Oct. 4	**Exam 1 Retake Library 204A Online Testing** **Students will not be allowed to begin the exam after 5:45PM.**		

Material for Exam 2: Section 2.6 and Chapter 3

Date	Day	Sections	Description
9/30/2019	Monday	3.1	Extrema on an Interval
10/1/2019	Tuesday	3.2	Rolle's Theorem and the Mean Value Theorem
10/2/2019	Wednesday	3.2	Rolle's Theorem and the Mean Value Theorem
10/3/2019	Thursday	3.3	Increasing and Decreasing Functions & First Derivative Test
10/4/2019	Friday	**Retake Exam 1**	
10/7/2019	Monday	*Quiz/Study Groups*	*optional*
10/8/2019	Tuesday	3.3	Increasing and Decreasing Functions & First Derivative Test
10/9/2019	Wednesday	3.4	Concavity and the Second Derivative Test
10/10/2019	Thursday	3.4	Concavity and the Second Derivative Test
10/14/2019	Monday	*Quiz/Study Groups*	*optional*
10/15/2019	Tuesday	3.5	Limits at Infinity
10/16/2019	Wednesday	3.6	A summary of Curve Sketching
10/17/2019	Thursday	3.7	Optimization Problems
10/21/2019	Monday	*Quiz/Study Groups*	*optional*
10/22/2019	Tuesday	3.7	Optimization Problems
10/23/2019	Wednesday	3.8	Newton's Method
10/24/2019	Thursday	Review	
10/28/2019	Monday	Review	
10/29/2019	Tuesday	**Exam 2**	
10/30/2019	Wednesday	4.1 - 4.2	Antiderivatives and Indefinite Integration-Area
10/31/2019	Thursday	4.3	Riemann Sums and Definite Integrals
11/1/2019	**Friday**	**Course Drop Deadline**	**Students must have grade from Exam 2 in order to drop**
Nov. 8	**Exam 2 Retake Library 204A Online Testing** **Students will not be allowed to begin the exam after 5:45PM.**		
Material for Exam 3	**Fall 2013**		

Date	Day	Sections	Description
11/4/2019	Monday	4.4	The Fundamental Theorem of Calculus
11/5/2019	Tuesday	4.5	Integration by Substitution
11/6/2019	Wednesday	4.5	Integration by Substitution
11/7/2019	Thursday	4.6	Numerical Integration
11/8/2019	Friday	**Retake Exam 2**	
11/11/2019	Monday	*Quiz/Study Groups*	*optional*
11/12/2019	Tuesday	5.1	The Natural Logarithmic Function: Differentiation
11/13/2019	Wednesday	5.2	The Natural Logarithmic Function: Integration

11/14/2019	Thursday	5.3	Inverse Functions
11/18/2019	Monday	*Quiz/Study Groups*	*optional*
11/19/2019	Tuesday	5.4	Exponential Functions: Differentiation and Integration
11/20/2019	Wednesday	5.5	Bases Other than *e* and Applications
11/21/2019	Thursday	5.6	Inverse Trigonometric Functions: Differentiation
11/25/2019	Monday	*Quiz/Study Groups*	*optional*
11/26/2019	Tuesday	5.7	Inverse Trigonometric Functions: Integration
11/27/2019	Wednesday	5.8	Hyperbolic Functions
11/28/2019	Thursday	**No classes**	**Thanksgiving**
12/2/2019	Monday	*Quiz/Study Groups*	*optional*
12/3/2019	Tuesday	Review	
12/4/2019	Wednesday	**Exam 3**	
12/5/2019	Thursday	Return Exam	
12/6/2019		No classes	Dead day
Evening classes following the final Exam Schedule on www.utep.edu			
Dec. 12	**Exam 3 retakes**	**Library 204A**	**Online Testing**
Material for Exam 1: Chapter 1 and Chapter 2 up to 2.5			

Date	Day	Sections	Description
8/26/2019	Monday	Syllabus	
8/27/2019	Tuesday	1.1	A Preview of Calculus
8/28/2019	Wednesday	1.2	Finding Limits Graphically and Numerically
8/29/2019	Thursday	1.3	Evaluating Limits Analytically
9/2/2019	**Monday**	**University Closed**	**Labor Day**
9/3/2019	Tuesday	1.3	Evaluating Limits Analytically
9/4/2019	Wednesday	1.4	Continuity and One-Sided Limits
9/5/2019	Thursday	1.5	Infinite Limits
9/9/2019	Monday	*Quiz/Study Groups*	*optional*
9/10/2019	Tuesday	2.1	The Derivative and the Tangent Line Problem
9/11/2019	Wednesday	2.2	Basic Differentiation Rules of Change
9/12/2019	Thursday	2.3	Product and Quotient Rules and Higher-Order Derivatives
9/16/2019	Monday	*Quiz/Study Groups*	*optional*
9/17/2019	Tuesday	2.4	The Chain Rule
9/18/2019	Wednesday	2.4	The Chain Rule
9/19/2019	Thursday	2.5	Implicit Differentiation
9/23/2019	Monday	*Quiz/Study Groups*	*optional*
9/24/2019	Tuesday	Review	
9/25/2019	Wednesday	2.6	Related Rates
9/26/2019	Thursday	**Exam 1**	

Oct. 4	**Exam 1 Retake Library 204A Online Testing** **Students will not be allowed to begin the exam after 5:45PM.**

Material for Exam 2: Section 2.6 and Chapter 3

Date	Day	Sections	Description
9/30/2019	Monday	3.1	Extrema on an Interval
10/1/2019	Tuesday	3.2	Rolle's Theorem and the Mean Value Theorem
10/2/2019	Wednesday	3.2	Rolle's Theorem and the Mean Value Theorem
10/3/2019	Thursday	3.3	Increasing and Decreasing Functions & First Derivative Test
10/4/2019	Friday	**Retake Exam 1**	
10/7/2019	Monday	*Quiz/Study Groups*	*optional*
10/8/2019	Tuesday	3.3	Increasing and Decreasing Functions & First Derivative Test
10/9/2019	Wednesday	3.4	Concavity and the Second Derivative Test
10/10/2019	Thursday	3.4	Concavity and the Second Derivative Test
10/14/2019	Monday	*Quiz/Study Groups*	*optional*
10/15/2019	Tuesday	3.5	Limits at Infinity
10/16/2019	Wednesday	3.6	A summary of Curve Sketching
10/17/2019	Thursday	3.7	Optimization Problems
10/21/2019	Monday	*Quiz/Study Groups*	*optional*
10/22/2019	Tuesday	3.7	Optimization Problems
10/23/2019	Wednesday	3.8	Newton's Method
10/24/2019	Thursday	Review	
10/28/2019	Monday	Review	
10/29/2019	Tuesday	**Exam 2**	
10/30/2019	Wednesday	4.1 - 4.2	Antiderivatives and Indefinite Integration-Area
10/31/2019	Thursday	4.3	Riemann Sums and Definite Integrals
11/1/2019	**Friday**	**Course Drop Deadline**	**Students must have grade from Exam 2 in order to drop**
Nov. 8	**Exam 2 Retake Library 204A Online Testing** **Students will not be allowed to begin the exam after 5:45PM.**		

Material for Exam 3 Fall 2013

Date	Day	Sections	Description
11/4/2019	Monday	4.4	The Fundamental Theorem of Calculus
11/5/2019	Tuesday	4.5	Integration by Substitution
11/6/2019	Wednesday	4.5	Integration by Substitution
11/7/2019	Thursday	4.6	Numerical Integration
11/8/2019	Friday	**Retake Exam 2**	

11/11/2019	Monday	*Quiz/Study Groups*	*optional*
11/12/2019	Tuesday	5.1	The Natural Logarithmic Function: Differentiation
11/13/2019	Wednesday	5.2	The Natural Logarithmic Function: Integration
11/14/2019	Thursday	5.3	Inverse Functions
11/18/2019	Monday	*Quiz/Study Groups*	*optional*
11/19/2019	Tuesday	5.4	Exponential Functions: Differentiation and Integration
11/20/2019	Wednesday	5.5	Bases Other than *e* and Applications
11/21/2019	Thursday	5.6	Inverse Trigonometric Functions: Differentiation
11/25/2019	Monday	*Quiz/Study Groups*	*optional*
11/26/2019	Tuesday	5.7	Inverse Trigonometric Functions: Integration
11/27/2019	Wednesday	5.8	Hyperbolic Functions
11/28/2019	Thursday	**No classes**	**Thanksgiving**
12/2/2019	Monday	*Quiz/Study Groups*	*optional*
12/3/2019	Tuesday	Review	
12/4/2019	Wednesday	**Exam 3**	
12/5/2019	Thursday	Return Exam	
12/6/2019		No classes	Dead day
Evening classes following the final Exam Schedule on www.utep.edu			
Dec. 12	**Exam 3 retakes**	**Library 204A**	**Online Testing**