

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

Course #: M1508
Course Title: Pre-Calculus
Credit Hrs: 5
Term: Summer 2015
Course Meetings & Location: MTWRF (11:40 am-1:40 pm) LART 103
Prerequisite Courses: M0311 or placement by Accuplacer

Instructor: Nada AL-Hanna
Office Location: Bell Hall 305
Contact Info: 747-8898
E-mail address: nfalhanna@utep.edu
Emergency Contact: nfalhanna@utep.edu
Office Hrs: MTR(11:00 am-11:30 am) or by appointment.


Textbook(s), Materials: Required: : Pre-Calculus by Larson, 9th Edition (available as e-book and hardcover)

Suggested: Graphical Calculator

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

The content of the entire course covers topics from basic mathematics and develop them using practical and theoretical tools, building applications and making a strong support for Calculus classes.

A student passing MATH1508 Precalculus course will be able to work with the concepts of functions (functions in general, exponential and logarithmic functions, polynomial and rational functions, trigonometric functions, etc), to solve a system of linear and non-linear equations and inequalities, to make basic operations with matrices, to apply mathematical induction method, to work with trigonometric functions and their properties, and to apply them in problems related to other branches of Science: Calculus, Algebra, Physics, Chemistry, Biology, Pharmacy, Engineering, Statistics, etc.

Course Activities/Assignments: You will find all assignments on <http://webassign.net/> . Please use Mozilla Firefox,  since WebAssign works best with this browser. **If you do not purchase WebAssign then you will not be able to take the online retake exams.** Unannounced quizzes may be administered in the classroom. Students may have 20 – 30 minute reading assignments due on WebAssign the day of each lecture.

Assessment of Course Objectives: There will be 3 exams. All exams, written by a committee, are administered in the classroom. A Retake Exam will be administered online. **You will have 1 hour and 30 minutes to complete 14 questions.** Your best score will be used as your exam grade. **If you do not take the written exam in class you will not be allowed to take a Retake Exam.**

If you fail the course, a comprehensive test out exam will be administered August 5, 2015. A grade of 70% or better on the comprehensive test out exam will replace a failing course grade with a grade of C.

Grading Policy: Your grade will be calculated as follows:

WebAssign assignments	10%
In Class Quizzes	15%
Exam 1	25%
Exam 2	25%
Exam 3	25%

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 July 3, 2015.

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 and attend all lectures. Attendance will be taken. **A student will be dropped if he/she misses 3 lectures.** Students are to arrive to class on time. It is the student's responsibility to make up missed assignments as determined by their instructor.

Civility Statement: Please turn off cell phones when you enter class and participate in class, active participation in this class is a vital part of your success.

Disability Statement: If a student has or suspects he/she has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at <dss@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.

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.

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

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

Course Schedule:

Summer Math 1508 2014			
Date	Day	Sections	NOTES
6/8/2015	Monday	Syllabus 1.1	
6/9/2015	Tuesday	1.2 - 1.3	
6/10/2015	Wednesday	1.4 - 1.5	
6/11/2015	Thursday	1.6 - 1.7	
6/12/2015	Friday	1.8 1.9	
6/15/2015	Monday	Quiz Chapter 1	Census Day
6/16/2015	Tuesday	2.1	
6/17/2015	Wednesday	2.3 - 2.4	
6/18/2015	Thursday	2.5 - 2.6	
6/19/2015	Friday	2.6	
		Must take written exam to qualify for retake exam	
6/22/2015	Monday	EXAM 1	
6/23/2015	Tuesday	3.1 - 3.2	online Retake Exam 1 (1:30 min)
6/24/2015	Wednesday	3.3	
6/25/2015	Thursday	3.4	
6/26/2015	Friday	3.5	
6/29/2015	Monday	Quiz Chapter 3	
6/30/2015	Tuesday	7.1 - 7.2	
7/1/2015	Wednesday	7.3 - 7.4	
7/2/2015	Thursday	No classes for 8 week courses	
7/3/2015	Friday	staff holiday	Cours Drop deadline
7/6/2015	Monday	Quiz Chapter 7	

7/7/2015	Tuesday	8.1	
7/8/2015	Wednesday	8.2	
7/9/2015	Thursday	8.3	
7/10/2015	Friday	4.1 - 4.2	
7/13/2015	Monday	Exam 2	
7/14/2015	Tuesday	4.2 - 4.3	online Retake Exam 2 (1:30 min)
7/15/2015	Wednesday	4.4 - 4.5	
7/16/2015	Thursday	4.6	
7/17/2015	Friday	4.7	
7/20/2015	Monday	Quiz Chapter 4	
7/21/2015	Tuesday	4.8	
7/22/2015	Wednesday	5.1-5.2	
7/23/2015	Thursday	5.2-5.3	
7/24/2015	Friday	5.3 - 5.4	
7/27/2015	Monday	Quiz Chapter 5	
7/28/2015	Tuesday	5.5	
7/29/2015	Wednesday	6.1 - 6.2	
7/30/2015	Thursday	6.1 - 6.2	
7/31/2015	Friday	REVIEW	
8/3/2015	Monday	Exam 3	
8/4/2015	Tuesday		online Retake Exam 3 (1:30 min)
8/5/2015		Test out Exams in the Library	
8/6/2015		Grades Due	