

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

Course number: M1310, CRN: 29411
Course Title: Trigonometry and Conics
Credit Hours: 3
Term: Spring 2020
Course Meetings & Location: MW 7:30 a.m.-8:50 a.m
LART 203
Prerequisite Courses: Math 1309 with a grade of at least C or appropriate placement scores.

Instructor: Guillermo Heredia Jr.
Office Location: Bell Hall 322
Contact Info: 747-8738
E-mail address: gherediajr@utep.edu
Emergency Contact: (915)747-5761 (Math Department)
Office Hrs: MTWR 11:00 a.m.-12:15 p.m.

Textbook(s), Materials: Required: Pre-Calculus by Larson, 10th edition (available as e-book and hardcover)

Class Key: Will be distributed.

Required Technology: WebAssign account.

Recommended technology: Graphing Calculator.

Course Objectives
(Learning Outcomes): Students are expected to have a clear understanding of the ideas of Trigonometry and Conics 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 Math 1310 Trigonometry and Conics course will be able to work with the concepts of 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.

To work with conics (Parabola, Ellipses, and Hyperbolas), rotation of conics, parametric equations, polar coordinates, and graphs of polar equations,..., etc

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 a final exam. These are departmental exams and must be taken in class on the assigned date (found on the calendar). **NO EXTRA CREDIT OR CURVES ON EXAMS. If it benefits you, the score you receive on the final exam will replace your lowest exam score.**

If a student receives a grade of D or F, then they may take a comprehensive TestOut exam in June (you will be emailed the exact date). A grade of 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, Mrs. Nada Al-Hanna).

Grading Policy: Your grade will be calculated as follows:

WebAssign homework	15%
Quizzes	15%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Comprehensive Final Exam	25%
Total	100%

The grading scale for this course is:

90 – 100 = A

80 – 89 = B

70 – 79 = C

60 – 69 = D

0 – 59 = F.

Drop Policy: The Last day to drop the course with a "W" is Friday, April 3rd. Students who decide to drop the course must process a drop form, in person, at the Registrar's Office, April 3rd. Please note that the College of Science will remain aligned with the University and **will not approve any drop requests after that 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: As with every college course, attendance is essential for success. Try not to be absent unless it is absolutely necessary. If

possible, it is better to let me know ahead of time when you will be absent. If you are absent, it is your responsibility to find out which assignments you need to make up

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).

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.*

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.

