

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

Course Number: MATH 1310 CRN 36117

Course Title: Trigonometry and Conics

Credit Hrs: 3

Term: Summer II 2020

Course Meetings & Location: Online via WebAssign and Blackboard

Prerequisite Courses: Math 1309 with a grade of at least C or appropriate placement scores.

Course Fee: (if applicable) None

Instructor: Guillermo Heredia Jr.

Office Location: Bell Hall 322

Contact Info: Office Phone number: (915) 747-8738

Math Department Phone number: (915) 747-5761

E-mail address: gherediajr@utep.edu

Office Hrs: By Appointment

Office hours are only held during normal university scheduling.
During off-scheduling (Finals week) or condensed scheduling (late start, closed university) hours will be adjusted appropriately.

During off-scheduling (Finals Week) or condensed scheduling (late start, closed university) hours will be adjusted appropriately.

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

Technology/Materials Suggested: Graphing Calculator

Required: Webassign account

Webassign: WebAssign is an online Course Management System of Cengage, the publisher of our text. You must have reliable internet in order to take an online course. You will use the instructions below to access and register for WebAssign. You will have a four-day free trial so that you may access your coursework immediately.

Instructions to access and register for WebAssign:

To enter your course on WebAssign on July 7, go to www.webassign.net and follow these steps.

- 1) Click on “Enter Class Key”
- 2) Enter the class key given by your instructor: utep 9187 6035 as shown below:

utep	9187	6035
------	------	------

- 3) Verify the section number and instructor name, then enter your information. Please make sure that you use your miners email and that you remember the password that you create.
- 4) The next time you log in, click on “Log In” and enter your miners email and the password that you created.

You are required to purchase an access code to log in as soon as possible and definitely before this grace period ends. If you purchased a new book from the UTEP bookstore, the code should have come with it. When entering the code, enter all the words and characters in the boxes appropriately.

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

Activities and Assignments: You will find all assignments on www.webassign.net. Please use Mozilla Firefox, Google Chrome, or Safari since WebAssign works best with these browsers. All work, including homework, quizzes, and exams, will take place through WebAssign.

Three exams and a comprehensive final exam will be given. **If it benefits you, the score you receive on the final exam will replace your lowest exam score.**

Test Out: If a student receives a grade of "D" or "F", then they may take a comprehensive Test Out exam. A grade of 70% or better on the comprehensive Test Out exam, will replace a failing course grade with a grade of "C". The Test Out exam will be offered on August 5th. (A grade change form will be signed and submitted by the coordinator for Math 1310, Mrs. Nada Al-Hanna.)

Course Schedule: A comprehensive course schedule is attached as the last pages of this syllabus. Semester highlights are included.

- July 7 – Classes Begin
- July 9 – Census Day (Last day to drop without a W)
- July 24 – Drop Day (Last day to drop with a W)
- July 31 – Last Day of Classes
- August 3&4 – Summer 2 Final Exam
- August 5 – Testout Exam

Grading Policy: You will be graded on homework, quizzes, exams, and a final exam

- 15% Homework Assignments
- 15% Quizzes
- 15% Exam I
- 15% Exam II
- 15% Exam III
- 25% Final Exam

Letter grades are determined according to the following scale:

Grade	Score
A	90-100
B	80-89
C	70-79
D	60-69
F	<60

Assessment of Course Objectives: You will have course PowerPoint and video access through the Resources section of WebAssign. All homework will be completed on WebAssign. After few sections of homework, you will have a 60-minute timed quiz over that material. The password for all quizzes is the word: **ready**. The exams are also timed, but at two hours each. There will be 15 – 20 questions on each of the three exams. To review for the exam, a practice exam will be available. The exams will be available for a 24-hour period on the date specified. The practice exam will count as a homework grade. The exam password for exams 1, 2, and 3 is the word: **ready**

You will have a comprehensive final exam. This exam will be available for a 24-hour period according to the class calendar. Your final exam will have a time limit of two hours and forty-five minutes (165 minutes) and will have a password of: **ready**.

For all timed assignments, the clock begins once you type the password. The clock will not stop for any reason, not even if you log out. For this reason, it is important to check for any updates on your computer prior to beginning the timed assignments.

Homework/Quiz Policies: Homework Assignment Settings: Each question has 5 attempts. The entire question needs to be submitted at once. You will be able to see the answer to the problem you just submitted. After each submission, the numbers will randomize. I recommend you get help after the 3rd

incorrect submission rather than waiting until you're out of attempts to get help. You will receive 5% extra credit for any problems submitted 24 hours before the due date.

Quiz Settings: Each quiz consists of questions from the sections indicated in parentheses. The quiz is password protected and timed. You will have 60 minutes to complete the quiz from the time you type in the password: **ready**. Each question has two attempts and will not randomize after the first submission. To ensure you are successful, make sure the internet connection is stable, you are ready to focus on the quiz for the next 60 minutes, and you have given yourself enough time before the due date. If you choose to start a quiz less than 60 minutes before the due date, the quiz will conclude at the due date and your answers will be auto-submitted. You will receive 5% extra credit for quizzes submitted at least 24 hours before the due date.

Make-up Policy: Homework: An automatic homework extension can be requested within 1 day after the due date. The new due date will be 24 hours from the time the extension is requested. Note, this means that **time due** will also change. There will be no penalty applied to problems submitted after the original due date.

Quiz: There are no automatic extensions for quizzes.

If you feel like you have some extenuating circumstance, or have an excused absence that will keep you from completing the assignment or quiz in a timely manner, please contact me right away and be prepared to show supporting documentation.

University Sponsored Events: (conferences, student athletes, etc...) The student needs to inform me of any traveling conflicts before they leave and make adequate arrangements to make up the missed material with one week of returning. Failure to do so, will result in the forfeiture of points.

Exam: A make-up exam will only be given in extraordinary circumstances (severe illness, death in immediate family), and with appropriate documentation (e.g. doctor's note).

Attendance Policy: If you do not submit any assignments on WebAssign by July 9 at 11:59 PM, then you may be dropped from this class for lack of effort. You are expected to work toward completion of the course assignment daily. You are expected to attend all class meetings via Blackboard Collaborative Ultra. However, if you do not submit any assignments onto WebAssign for three consecutive business days, then you may be dropped from this class due to lack of effort. You are expected to check

Blackboard and your miners email regularly for announcements as well as the WebAssign Announcement section.

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 <https://www.utsystem.edu/offices/board-regents/regents-rules-and-regulations>.

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.

Civility Statement: All correspondence with your instructor and other students should be conducted in an appropriate manner.

Disability Statement: If you need classroom accommodations for your success, 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 <https://www.utep.edu/student-affairs/cass/>

The student is responsible for informing me of the accommodations needed and will be responsible for proactive actions in regards to having accommodations met.

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 are encouraged to contact your instructor as soon as possible.

Tutoring: The MaRCS tutoring center offers free tutoring, click here for more information: <https://www.utep.edu/science/math/marcs/>. There are several useful features of WebAssign designed to give extra help. Please also make use of the instructor's office hours.

Websites: WebAssign, www.webassign.net.