

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

Course Number: MATH 1310: CRN 19016
Course Title: Trigonometry and Conics
Credit Hrs: 3
Term: Fall 2020
Course Meetings & Location: None – course is entirely online via WebAssign and Blackboard
Prerequisite Courses: Math 1309 with a grade of at least C or appropriate placement scores. (“S” is acceptable)

Instructor: Guillermo Heredia Jr.
Office Location: Online Only
Contact Info: Instructor email: gherediajr@utep.edu
Math Department: mathdept@utep.edu
Course coordinator: nfalhanna@utep.edu

Emails will be answered between 4:00 pm and 7:00 pm every weekdays Emails received outside of these windows will be addressed during the next time period or at my discretion, whichever is sooner.

Virtual Office Hrs: Wednesday 4:00 pm- 5:00 pm
Office hours are only held during normal university scheduling. Please allow one business day for the return of emails. Evening and weekend emails will be attended to during regular business hours. Other times at the discretion of the instructor. During off-scheduling (Finals week) or condensed scheduling (late start, closed university) hours will be adjusted appropriately.

Textbook: Pre-Calculus by Larson, 10th edition with the Enhanced WebAssign access card. You may purchase just the access card which contains the e-book:
ISBN-13: 978-1-337-27107-3
ISBN-10: 1-337-27107-1

Technology/Materials:

- Suggested: Graphing Calculator
- Required: WebAssign account
- You must have reliable internet and a computer that can run the required Lockdown Browser in order to take this online course. Please download the free WebAssign Lockdown Browser. This will be required in order to

complete the exams. It can be found at https://www.webassign.net/manual/student_guide/inst_all-lockdown-browser.htm

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 14-day free trial so that you may access your coursework immediately.

Instructions to access and register for WebAssign:

To enter you course on WebAssign on August 24, 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 XXXX XXXX in the three boxes given.
- 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 the 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. Exams will require the use of the WebAssign Lockdown Browser. Please download the browser here:
https://www.webassign.net/manual/student_guide/install-lockdown-browser.htm

For more information on the use of the browser, please see the student guide here:
https://www.webassign.net/manual/student_guide/t_s_assignments_lockdown_browser.htm

Test Out: If a student receives a grade of D or F, then they may take a comprehensive TestOut exam in January (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).

Resources: You will have course PowerPoint and video access through the Resources section of WebAssign **and Blackboard**. You can click on resources at the bottom of your WebAssign homepage and you will be able to access PowerPoint lectures from the publisher as well as the Cengage lecture videos for each section that we cover. These are great built in resources to add to what your instructor provides.

Class Activities & Policies: **Homework** - All homework will be completed on WebAssign with due dates as listed on the course calendar. Each question has 5 attempts. I recommend you get help after the 3rd incorrect submission rather than waiting until you are out of attempts to get help.

Quizzes – After a few sections of homework, you will have a 60-minute timed quiz over that material. The password for all quizzes is the word ready. Each question has 3 attempts. 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.

Exams – To review for each exam, a practice exam will be available. The practice exam is considered a homework score, so be sure to complete the practice exams. The exams will be available for a 24-hour period on the date specified by the course calendar. The exam itself is timed at 120 minutes (two hours) and will have an accessible scientific calculator. You have two attempts at each problem. The password for all exams is the word ready. If you choose to start an exam less than 120 minutes before the due date, the exam will conclude at the due date and your answers will be auto-submitted. You must have already downloaded the WebAssign Lockdown Browser in order to access the exams.

Final Exam – The final exam will be available for three days during final exam week, see course calendar. This exam is a comprehensive exam and is required for all students. You may not opt out of the final exam. However, the final exam score may be used to replace a lower exam 1, 2, or 3 score as long as it benefits the student. The final exam is timed at 165 minutes (2hr45min) and will have an accessible scientific calculator. The password for the final exam is the word ready. You must have already downloaded the WebAssign Lockdown Browser in order to access the exams.

For all timed assignments, the clock begins once you type the appropriate password. This 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.

Course Schedule: A comprehensive course schedule is available as a separate document. Semester highlights are included.

- August 24 – First day of classes
- September 9 – Census Day
- **October 30 – Drop Day (Last day to drop with a W)**
- December 4 – Dead day

Grading Policy: Your grade will be calculated as follows:

Homework	15%
Quizzes	15%
Exam 1	15%
Exam 2	15%
Exam 3	15%
<u>Comprehensive Final Exam</u>	<u>25%</u>
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 Drop Date for this semester is Friday October 30th, 2020 before 5:00 PM. No drops will be approved after this date or time.

Students who decide to drop the course must process a drop form, by emailing records@utep.edu by October 30th. 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:

Homework: An automatic homework extension can be requested within 7 days of the original due date. The new due date will be 48 hours from the time the extension is requested. Note, this means that the time due will also change. No penalty will be applied to problems submitted after the original due date.

Quizzes: 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.

Exams: 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 Wednesday, Sep 2nd 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. However, if you do not submit any assignments onto WebAssign for two consecutive weeks, 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, TA, and other students should be conducted in an appropriate manner.

Disability Statement: If you need 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.

Course Calendar: See separate document.