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

COURSE BASICS
Course Number: MATH 1310: CRN 17903
Course Title: Trigonometry and Conics
Credit Hours: 3
Term: Fall 2021
Meeting and Location: Online
Prerequisite Courses: Math 1309 with a grade of at least “C” or placement by testing services

INSTRUCTOR INFORMATION
Instructor: Guillermo Heredia Jr
Office Location: Online via Blackboard

Contact
Instructor email: gherediajr@utep.edu
Course coordinator: Nada Al-Hanna at nfalhanna@utep.edu
Math Department: mathdept@utep.edu

Emails will be answered between 6:00 pm and 9:00 pm/MTWR. Emails received outside of these windows will be addressed during the next time period or at my discretion, whichever is sooner.

Student Office Hours: MW 12:00 pm- 1:00 pm
https://us.bbcollab.com/guest/49311b367b2a480da5502bb962bf359d

Student office hours are a time where you can get individualized help from me. I am available to answer questions about course content and address any concerns you have about the class. During scheduled times, you may drop in without an appointment. You are not required to attend the sessions if you do not have questions. If you do need help, and cannot attend during the scheduled time, please email me to schedule an appointment.

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.
REQUIRED TECHNOLOGY AND MATERIALS

Textbook
Pre-Calculus by Larson, 10th edition with the Enhanced WebAssign access card.


Required
You must have the Enhanced WebAssign access code. This gives you the full access to both the assignments and the e-book.

Optional
A hard copy of the textbook is available, but not required for the class. The e-book is adequate and comes with the required access code.

Calculator
A graphing calculator is recommended.

Online Components
You are required to have a WebAssign account and the Enhanced WebAssign access code.

Ensure your UTEP e-mail account is working and that you have consistent access to the internet and a stable web browser. Mozilla Firefox, Google Chrome, and Safari are the most supported browsers for both Blackboard and WebAssign.

You will need to have regular access to a computer and/or laptop. Your cell phone is not sufficient for doing coursework. You will need to have regular access to a computer or laptop. Your cell phone is not sufficient for doing coursework. You will need to download or update the following software:

- Microsoft Office (available for free through UTEP),
- Adobe,
- Windows Media Player or QuickTime Player, and
- Java.

WebAssign
WebAssign is an online Course Management System of Cengage, the publisher of our text. You must have reliable internet to take this course. Use the instructions below to access and register for WebAssign using your official UTEP email account. 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 23, go to www.webassign.net and follow these steps:
1) Click on “Enter Class Key”
2) Enter the class key given by your instructor, be sure to include all three sections given:

    utep 7452 9837

3) Verify the section number and instructor name, then enter your information. Please make sure that you use your UTEP 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 UTEP miners e-mail and the password you created.

You are required to purchase an access code to log in as soon as possible and 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 OVERVIEW**

**Course Objectives and 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](http://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 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. 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.

Tutoring
The MaRCS tutoring center offers free tutoring for math classes, their website has more information: https://www.utep.edu/science/math/marcs/

There are several useful features in WebAssign designed to give extra help. These include “Watch it” and “Master it” links. These are publisher created and have been enabled for every homework question in which they are available.
The Ask Your Teacher feature of WebAssign is the best way to ask questions about your homework as it shows me the entire problem. You are encouraged to use this as your first method of contact whenever you have homework questions.

I am also available during office hours to help with questions.

Class Activity Settings
Homework Assignments
All homework will be completed on WebAssign. 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 quizzes may contain problems you have not seen previously, but they will be based on the same concepts.
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, an exam review will be available one week prior to the exam date, on WebAssign. The review is a homework score, so be sure to complete the reviews. The exams will be available on WebAssign for a 24-hour period on the date specified by the course calendar and listed below. The exam itself is timed at 120 minutes (two hours) and will have an accessible scientific calculator. You have two attempts at each problem.

- Exam 1: Opens 11:59 PM MDT on Monday, Oct 4th and closes Tuesday, Oct 5th at 11:59 PM MDT
- Exam 2: Opens 11:59 PM MDT on Monday, Oct 25th and closes Tuesday, Oct 26th at 11:59 PM MDT
- Exam 3: Opens 11:59 PM MST on Wednesday, Dec 1st and closes Thursday, Dec 2nd at 11:59 PM MST

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.

Final Exam

The final exam will be available for three days during final exam week. This exam is a comprehensive exam and is required for all students. Remember, the final exam is worth 25% of your overall grade. The final exam is timed at 165 minutes (2hr 45min) and will have an accessible scientific calculator.

The password for the final exam is the word **ready**.

The final exam will open at 12:00 AM (midnight) MST on Monday, Dec 6th and close on Wednesday, Dec 8th at 11:59 PM MST.

**Timed Assignments:**
For all timed assignments, the clock begins once you open the assignment. 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. The due date will change to reflect the time limit for timed assignments once you begin the quiz or exam.

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

- **August 23rd** First Day of Classes
- **September 6th** Labor Day Holiday
- **September 8th** Census Day (Last day to drop without a W)
- **October 29th** Drop Day (Last day to drop with a W)
- **November 25-26th** Thanksgiving Holiday
- **December 2nd** Last Day of Class Meetings
- **December 3rd** Dead day
- **December 6-10th** Final Exam Week

**Grading Policy**
You will be graded on homework, quizzes, in-class 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:
<table>
<thead>
<tr>
<th>Grade</th>
<th>Score</th>
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<tbody>
<tr>
<td>A</td>
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<tr>
<td>B</td>
<td>80-89</td>
</tr>
<tr>
<td>C</td>
<td>70-79</td>
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<tr>
<td>D</td>
<td>60-69</td>
</tr>
<tr>
<td>F</td>
<td>&lt;60</td>
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</tbody>
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**Drop Policy**

*The Drop Date for this semester is Friday, October 29th, 2021, before 5:00 PM MDT. No drops will be approved after this date or time.*

Students who decide to drop the course must process a drop form by sending an email from your miners email account to records@utep.edu by Oct 29 before 5:00 PM MDT. Please note that the College of Science will remain aligned with the university and will not approve any drop requests after that date.

**Incomplete Grade Policy**

Incomplete grades may be requested only in exceptional circumstances after you have completed at least half of the course requirements. Talk to me immediately if you believe an incomplete is warranted. If granted, we will establish a contract of work to be completed with deadlines.

**COURSE COMMUNICATION:**

How we will stay in contact with each other

- **Email:** UTEP e-mail is the best way to contact me. I will make every attempt to respond to your e-mail within 24-48 hours of receipt. When e-mailing me, be sure to email from your UTEP student account and please put the course number in the subject line. In the body of your e-mail, clearly state your question. At the end of your e-mail, be sure to put your first and last name, and your university identification number.

- **Announcements:** Check the Blackboard and WebAssign announcements frequently for any updates, deadlines, or other important messages.

**ADDITIONAL COURSE POLICIES AND STATEMENTS**

**Make-up Policy**

**Homework**

An automatic homework extension can be requested within 7 days after the due date. To do so, log in to WebAssign and click on My Assignments. Scroll to the assignment you want to extend and click Request Extension. Select “Automatic” and “Accept” the extension. The new due date will be 48 hours from the time the extension is requested. Note, this means that time due will also change. No penalty will be applied to problems submitted after the original due date.

You may not view the answer key to a homework assignment prior to requesting the automatic extension for it.
Quiz
There are no automatic extensions for quizzes. Quizzes are available before their due date. Please make plans to take the quiz early if you have a conflict.

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:*
These include conferences, student athletes’ competitions, 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 such as, severe illness or death in immediate family, and with appropriate documentation (e.g. doctor’s note).

**Alternative Means of Submitting Work in Case of Technical Issues**
I strongly suggest that you submit your work with plenty of time to spare if you have a technical issue with the course website, network, and/or your computer. I also suggest you save all your work (answers to homework, quizzes, and exams) in a separate Word document or hand-written notebook as a back-up. This way, you will have evidence that you completed the work and will not lose credit. If you are experiencing difficulties submitting your work through the course website, please contact the [UTEP Help Desk](mailto:helpdesk@utep.edu).

You can email me your back-up document as a last resort. You must also have proof of the technical issue with either a screen shot of the WebAssign issue or email from your internet provider of an outage in your area.

**Attendance Policy:**
You are expected to work toward completion of the course assignments daily. Attendance in an online course is measured by the completed tasks. Failing to complete tasks is equivalent to being absent. Failure to complete assignments for several weeks may result in you being dropped from the course. You are expected to check Blackboard and your UTEP 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, and any act designed to give an 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, comply with the Regents' Rules and Regulations, with System and University rules, with directives issued by an administrative official during his or her authorized duties, and 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.

Course Netiquette Policy:

All correspondence with your instructor, TA, and other students should be conducted in an appropriate and professional manner. Please be considerate of your tone and word choice when conducting correspondence.

Accommodation Policy:
The University is committed to providing reasonable accommodations and auxiliary services to students, staff, faculty, job applicants, applicants for admissions, and other beneficiaries of University programs, services and activities with documented disabilities in order to provide them with equal opportunities to participate in programs, services, and activities in compliance with sections 503 and 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA) of 1990 and the Americans with Disabilities Act Amendments Act (ADAAA) of 2008. Reasonable accommodations will be made unless it is determined that doing so would cause undue hardship on the University. Students requesting an accommodation based on a disability must register with the UTEP Center for Accommodations and Support Services (CASS). Contact the Center for Accommodations and Support Services at 915-747-5148, or email them at cass@utep.edu, or apply for accommodations online via the CASS portal.

COVID-19 Accommodations
Students are not permitted on campus when they have a positive COVID-19 test, exposure or symptoms. If you are not permitted on campus, you should contact me as soon as possible so we can arrange necessary and appropriate accommodations. (classes with on-campus meetings) Students who are considered high risk according to CDC guidelines and/or those who live with individuals who are considered high risk may contact Center for Accommodations and Support Services (CASS) to discuss temporary accommodations for on-campus courses and activities. Apply at cassportal.utep.edu and fill out a three-question application. You will be scheduled to meet with disability coordinator to discuss your unique situation.

COVID-19 Precautions
You must STAY AT HOME and REPORT if you (1) have been diagnosed with COVID-19, (2) are experiencing COVID-19 symptoms, or (3) have had recent contact with a person who has received a positive coronavirus test. Reports should be made at screening.utep.edu. If you know of anyone who should report any of
these three criteria, you should encourage them to report. If the individual cannot report, you can report
on their behalf by sending an email to COVIDaction@utep.edu.

For each day that you attend campus—for any reason—you must complete the questions on the UTEP
screening website (screening.utep.edu) prior to arriving on campus. The website will verify if you are
permitted to come to campus. Under no circumstances should anyone come to class when feeling ill or
exhibiting any of the known COVID-19 symptoms. If you are feeling unwell, please let me know as soon as
possible, and alternative instruction will be provided. Students are advised to minimize the number of
encounters with others to avoid infection.

Please contact me immediately if you fall ill during the semester so that we can work together to formulate
a strategy to help you get caught up as soon as you are physically able.

**Military Statement:**

If you are a military student with the potential of being called to military service or training during the
semester, you are encouraged to contact me as soon as you receive your orders.

**Copyright Statement:**

**Course Materials**

All materials used in this course are protected by copyright law. The course materials are only for the use
of students currently enrolled in this course and only for the purpose of this course. They may not be
further disseminated.

**Class Recordings**

The use of recordings will enable you to have access to class lectures, group discussions, and so on in the
event you miss a synchronous or in-person class meeting due to illness or other extenuating circumstance.
Our use of such technology is governed by the Federal Educational Rights and Privacy Act (FERPA) and
UTEP’s acceptable-use policy. A recording of class sessions will be kept and stored by UTEP, in accordance
with FERPA and UTEP policies. Your instructor will not share the recordings of your class activities outside
of course participants, which include your fellow students, teaching assistants, or graduate assistants, and
any guest faculty or community-based learning partners with whom we may engage during a class session.
You may not share recordings outside of this course. Doing so may result in disciplinary action.

**COURSE RESOURCES:**

Where you can go for assistance UTEP provides a variety of student services and support:

**Academic and Technology Resources**

- **Help Desk**: Students experiencing technological challenges (email, Blackboard, software, etc.)
can submit a ticket to the UTEP Helpdesk for assistance. Contact the Helpdesk via phone, email,
chat, website, or in person if on campus, Academic Resources.
- **UTEP Library**: Access a wide range of resources including online, full-text access to thousands
of journals and eBooks plus reference service and librarian assistance for enrolled students.
• **Math Tutoring Center (MaRCS):** Ask a tutor for help and explore other available math resources.

**Individual Resources**

• **Military Student Success Center:** Assists personnel in any branch of service to reach their educational goals.

• **Center for Accommodations and Support Services:** Assists students with ADA-related accommodations for coursework, housing, and internships.

• **Counseling and Psychological Services:** Provides a variety of counseling services including individual, couples, and group sessions as well as career and disability assessments.