Math 1508 Syllabus

COURSE BASICS

Course Number: MATH 1508: CRN 22054
Course Title: Pre-Calculus
Credit Hours: 5
Term: Spring 2023
Meetings & Location: LART 203 MW at 12:00 – 1:20pm; LART 303 T @ 12:30 – 1:20; Online TR @ 12:30 – 2:20
Prerequisite Courses: M0311 or TSI score between 350 – 390 or placement by testing services

INSTRUCTOR INFORMATION

Instructor: Dr. Yin Lin
Office Location: Bell Hall 316
Office hours: TBA on Blackboard

Contact
Instructor email: ylin4@utep.edu
Course coordinator: Julio Urenda, Ph. D. at jcurenda@utep.edu
Math Department: mathdept@utep.edu

Emails will be answered between 9:00am -5:00pm Monday to Friday. Emails received outside of these windows will be addressed during the next time period or at my discretion, whichever is sooner. 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 CRN 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. (No student ID# needed)

Student Office Hours:

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

Office hours are only held during regular 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 instructor's discretion.

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, 11th Edition (available as e-book and hardcover) with the WebAssign access card.

ISBN-13: 9780357457207 (This is the ISBN for the WebAssign code for Larson/Precalculus 11e.)
Required
You must have the WebAssign access code. This gives you full access to both the assignments and the e-book.

Optional
A print copy of the textbook is available but optional 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 you have consistent internet access 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 or laptop.

Blackboard
Blackboard will be our primary platform. You can see announcements, grades, and course materials inside the Blackboard course.

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 to access your coursework immediately.

Instructions to access and register for WebAssign:
To enter your course on WebAssign on Jan. 17th, 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 8739 1589
3) Verify the section number and instructor name, then enter your information. Please make sure you use your UTEP miners email and remember the password 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 must purchase an access code to log in as soon as possible and before the grace period ends. If you bought 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 clearly understand Precalculus’s ideas as a solid foundation for subsequent courses in mathematics and other disciplines and direct application to real-life situations.
The entire course’s content covers topics from fundamental mathematics and develops them using practical and theoretical tools, building applications, and making strong support for univariate calculus.

Upon successful completion of this course you will:

I. internalize the concept of function in general while recognizing and manipulating the following classes of univariate functions and their inverses where applicable:
   a. exponential
   b. polynomial
   c. rational
   d. trigonometric
II. identify and solve systems of linear and non-linear equations and inequalities.
III. perform elementary matrix operations and relate them to solving linear problems.
IV. identify the applicability and use of mathematical induction.
V. familiarize yourself with trigonometry and apply it to solve problems in science and engineering.

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, exams, and workshops, will take place through WebAssign.

Three exams, with retake options, will be given.

Mini-master and Test Out:
If students receive a "D" or "F," they may register for the Mini-master workshop or take a comprehensive Test Out exam. A 70% or better rate in the Mini-semester course or 70% on the complete Test Out exam will replace a failing course grade with a grade of "C."

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 access PowerPoint lectures from the publisher and the Cengage lecture videos for each section we cover. In Blackboard, I will provide Worksheets for each team, including notes and practice problems with solutions.

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 valuable 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.

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

Website
UTEP Math 1508 website: http://www.math.utep.edu/classes/precalculus/
Class Activity Settings

Homework Assignments
All homework will be completed on WebAssign. Each question has five attempts. I recommend you get help after the 3rd incorrect submission rather than waiting until you are out of attempts to get help.

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 contact method whenever you have homework questions.

Quizzes
After a few homework sections, you will have a 60-minute timed quiz on that material. These questionnaires may contain problems you have yet to see, but they will be based on the concepts developed in the course.

Each question has three 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 before the exam date on WebAssign. The review assignment is part of your mandatory homework.

The exam will be available for the entirety of the day listed below, but once you start it, you have 120 minutes to finish it. However, 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 regardless of your progress. You will have access to a scientific calculator and a maximum of two attempts per problem.

Exam 1    Thursday, February 16, 2023
Exam 2    Tuesday, March 28, 2023
Exam 3    Thursday, May 4, 2023

Retake Exams
A retake exam, for improvement, will appear on WebAssign after the initial exam according to the class calendar and listed below. The best grade of the two will be recorded. You do not have to take the retake exam if you are satisfied with your original exam score. The rules for exams and retake exams are identical. Their due dates are listed below:

Exam Retake 1    Friday, February 24, 2023
Exam Retake 2    Friday, April 7, 2023
Exam Retake 3    Thursday, May 11, 2023

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.

Workshop:
The workshop is 5% of your overall grade.

The category score for the Personal Study Plan is computed by averaging all of the Personal Study Plan chapter quizzes.

- Each chapter quiz in the Personal Study Plan is weighted equally.
- No chapter quizzes are dropped when computing the category average.
- Practice quizzes do not count toward the category average.

You must score an 80% on a quiz for it to count toward your workshop grade.

How to use your PSP to demonstrate mastery of knowledge acquired in this course:

1) If needed, expand a chapter to see the included sections.
2) To study a section, view Tutorial materials and take the Practice Quiz until you understand the material.
3) When ready, take the Chapter Quiz to demonstrate your knowledge.

**Practice Quizzes:** Retake as often as needed. You are taking a chapter quiz to update the practice quiz scores. Your last quiz scores are shown below.

**Chapter Quizzes:** Retake only to improve your score. Your last score counts toward your grade, even if it is lower than a previous score.

**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, checking for any updates on your computer before beginning the timed assignments is essential. The due date will change to reflect the time limit for timed tasks once you start the quiz or exam.

**Grading Policy**

You will be graded on homework, quizzes, workshop, and exams.

<table>
<thead>
<tr>
<th>Assessment</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Workshop</td>
<td>5%</td>
</tr>
<tr>
<td>Exams (three in total)</td>
<td>25% each</td>
</tr>
</tbody>
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Letter grades are determined according to the following range:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Range</th>
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<tbody>
<tr>
<td>A</td>
<td>Greater than or equal to 90</td>
</tr>
<tr>
<td>B</td>
<td>Greater than or equal to 80 but less than 90</td>
</tr>
<tr>
<td>C</td>
<td>Greater than or equal to 70 but less than 80</td>
</tr>
<tr>
<td>D</td>
<td>Greater than or equal to 60 but less than 70</td>
</tr>
<tr>
<td>F</td>
<td>Less than 60</td>
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**Drop Policy**

*The Drop Date for this semester is Thursday, March 30th, 2022, before 5:00 PM Mountain Time. No drops will be approved after this date or time.*

Students who decide to drop the course must process a drop form by e-mailing [records@utep.edu](mailto:records@utep.edu) by March 30th 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.

**COURSE COMMUNICATION:**

- **Office Hours:** We will not be able to meet on campus, but I will still have office hours for your questions and comments about the course.
- **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.
- **Announcements:** Check the Blackboard and WebAssign announcements frequently for updates, deadlines, or other important messages.
ADDITIONAL COURSE POLICIES AND STATEMENTS

Make-up Policy

Homework
An automatic homework extension can be requested within seven 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 when the extension is requested. Note that this means that the time owed 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 before requesting the automatic extension.

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 promptly, please get in touch with me immediately and be prepared to show supporting documentation.

University-Sponsored Events:
These include conferences and student competitions, among others. The student needs to inform me of any traveling conflicts before they leave and make adequate arrangements to make up the missed material within one week of returning. Please do so to avoid the forfeiture of points.

Exams
A make-up exam will only be given in extraordinary circumstances, such as severe illness or death in the immediate family, and with appropriate documentation (e.g., doctor’s note).

Workshop:
There is no makeup for the workshop.

Alternative Means of Submitting Work in Case of Technical Issues
You should submit your work with plenty of time to spare if you have a technical issue with the course website, network, and 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 backup. This way, you will have evidence that you completed the work and will not lose credit. If you need help submitting your work through the course website, please get in touch with UTEP Help Desk.

You can email me your backup document as a last resort. You must also have proof of the technical issue with either a screenshot of the WebAssign issue or an email from your internet provider about an outage in your area.

Attendance Policy:
You are expected to work toward the completion of the course assignments daily. The completed tasks measure attendance in this course. Failing to complete tasks is equivalent to being absent. Please complete assignments for several weeks to avoid being dropped from the course. You must regularly check Blackboard and your UTEP miner’s email for announcements and the WebAssign Announcement section.

Academic Integrity Policy:
Each student is responsible for notice of and compliance with the Regents’ Rules and Regulations provisions, 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 their official duties, and observe appropriate standards of conduct for the University. A student who enrolls at the University is obliged to conduct themselves in a manner compatible with the University’s function as an educational institution. Any student who engages in conduct that Regents’ Rules prohibit 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 behavior.

Course Etiquette Policy:

All correspondence with your instructor, TA, and other students should be conducted appropriately and professionally. Please be considerate of your tone and word choice when working on a post.

Accommodation Policy:
Students requesting 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, email them at cass@utep.edu, or apply for accommodations online via the CASS portal.

COVID-19 Precautions
Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 symptoms. If you feel unwell, please let me know as soon as possible so we can work on appropriate accommodations. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu so that the Dean of Students Office can support you and help communicate with your professors. The Student Health Center is equipped to provide COVID-19 testing.

Military Statement:
If you are a military student with the potential of being called to service or training during the semester, 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 students currently enrolled in this course and only for this course. They may not be further disseminated.

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, reference service, and librarian assistance for enrolled students.
• **Math Tutoring Center (MaRCS):** Ask a tutor for help and explore other available math resources.