

2019-2020

Pre-Calculus

"The capacity to learn is a gift;
the ability to learn is a skill;
the willingness to learn is a choice."

Brian Herbert

Kylie Bowles

Email: bowlesk@eraisd.net

Phone: 940-665-5961

Conference Period: 7th period (1:25-2:10)

Tutoring hours: Mon.- Fri. 7:30 am-7:50 am, 3:35 pm-4:00 pm, Wed. 3:35 pm-5:30 pm
(additional time available- please set up time by email)

Overview

Pre-Calculus is intended to prepare students for a comprehensive course in calculus and is required for a major in mathematics, physics, chemistry, engineering, and computer science, as well as many of the life sciences.

Textbook

Pearson Precalculus: Graphical, Numerical, Algebraic (2016) online

Classroom rules/expectations

1. Be on time and must be seated in the assigned seat when the bell rings. Go to the restroom; get a drink, etc. between classes. Don't ask to go during class unless it is an emergency.
2. Bring *all* necessary materials to class daily. Students should bring to class each day a chromebook, charger, pencil, paper, and dry erase marker.
3. DO YOUR WORK. Do your work and allow others to do the same.
4. SHOW RESPECT FOR OTHERS.

Consequences

1. Teacher warning/parent contact.
2. Teacher detention
3. Office referral

Academic Integrity

Anyone caught cheating will be given a **zero** for that grade.

Grading Procedures

Grading:	Daily Assignments	40%
	Tests & Projects	45%
	Six Weeks Test	15%

Daily assignments will include homework and quizzes. Online assignments are due by midnight the day after assigned. All other assignments are due at the beginning of class. **Homework will be assigned daily** with class time to begin. A weekly assignment/homework board is posted at all times. Late papers will be accepted with a 20-point penalty per day. No late papers will be accepted after they have been graded and returned to other students.

If you miss class, check the assignments on the assignment calendar and do any missed work immediately. **YOU** are responsible to find out what you missed and make up the work within two days of returning to school.

There will be at least two tests per six weeks. If a student fails a test, they will have two days after they received their grade to correct the test for half of their points back. Corrections may only be done in my classroom during activity period or during tutoring times. Six-week tests will be the last week of each grading period. Students should prepare by reviewing tests and quizzes taken during that grading period.

Tentative Course Schedule

1st Six Weeks

P. Prerequisites

1. Functions & Graphs

2nd Six Weeks

2. Polynomial, Power, and Rational Functions

3. Exponential, Logistic, and Logarithmic Functions

3rd Six Weeks

4. Trigonometric Functions

5. Analytic Trigonometry

4th Six Weeks

6. Applications of Trigonometry

7. Systems and Matrices

5th Six Weeks

8. Analytic Geometry in Two and Three Dimensions

9. Discrete Mathematics

6th Six Weeks

10. Statistics and Probability

11. An Introduction to Calculus: Limits, Derivatives, and Integrals

Please sign and return the following:

I HAVE READ, UNDERSTAND, AND I AGREE WITH THE CONTENT, PROCEDURES, AND EXPECTATIONS EXPLAINED IN THIS SYLLABUS.

Student Signature: _____

Parent/Guardian signature: _____

Parent/Guardian email: _____