



Pre-AP Algebra II Instructional Plan

Course Overview

Welcome to Pre-AP Algebra 2. In the course, students solidify and extend the understanding of functions and data analysis developed in prior courses. Students build upon linear, quadratic, and exponential functions as they work to define logarithmic, polynomial, rational, square root, cube root, and trigonometric functions, as it relates to Pre-AP Algebra II and TEKS requirements.

Throughout the year, students will:

- Understanding and graphing absolute value functions.
- Rewriting absolute value inequalities without inequalities.
- Learning the Completing the Square process.
- Using graphs to determine characteristics of polynomial equations and vice versa.
- Using various means to solve polynomials and systems of equations.
- Using characteristics of an equation (zeros, roots, etc.) to create an expectation of the visual of its graph.
- Understanding the various transformations that may be applied to a polynomial function.
- Contrast and compare various numerical bases and their applications.
- Using inverse functions to rewrite an equivalent polynomial.
- Determining domain and range of a polynomial function.

Contact Information

Teacher Name: Alejandro de la Rosa Azumendi

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Phone: 432-240-5000

Classroom Expectations

Our classroom is a safe learning place, which encourages teamwork, positive feedback, and academic achievement. All students will be respectful to others. We will be good listeners to the teacher and to other's ideas. All students will be hard working contributors in the process of getting their education in order to be successful and reach their full potential.

Expectation 1: Be prepared with supplies

- Prioritize attendance
- Be ready to learn everyday

Expectation 2: Participate actively and take responsibility for your learning

- Complete all assigned tasks
- Engage in class discussions, writing tasks, and learning opportunities
- Complete work on time

Expectation 3: Be respectful of the learning environment

- Report problems to an adult

Positive reinforcement and clear routines will help students learn and meet these expectations. If expectations are not met, the teacher will first reteach and remind the student(s) of expectations. If a student continues to fail to meet expectations, they will be redirected, then parents will be contacted. If a student is unable to meet expectations after these preventative measures, an office referral will be made.



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Attendance Policy & Its Importance

Regular attendance is vital to your child's academic development. Students in the 10th and 11th grades are important years in mathematics at ECHS. Algebra II is necessary for success in High School Pre-Calculus and College Dual Credit Algebra. The Midland ISD grading policy will be followed for late work.

Please notify the school if your child will be absent. Frequent or extended absences may make it more difficult for your child to learn necessary foundational skills that ensure student success this year and in future school years.

Learning Objectives

Below is the tentative plan for the school year. Students will be able to solve problems based on the following units.

Fall Semester	Spring Semester
Unit 1: Functions 2A.2A, 2A.3A, 2A.3B, 2A.6C, 2A.6D, 2A.6E, 2A.6F, 2A.7I, 2A.8A, 2A.8B, 2A.8C Unit 2: Quadratic Functions and Equations 2A.4A, 2A.4B, 2A.4D, 2A.4E, 2A.4F, 2A.4H, 2A.7A, 2A.7I, 2A.8A, 2A.8B, 2A.8C Unit 3: Systems of Equations and Inequalities 2A.3E, 2A.3F, 2A.3G Unit 4: Polynomials 2A.2A, 2A.6A, 2A.7B, 2A.7C, 2A.7D, 2A.7E, 2A.7I	Unit 5: Rational Functions 2A.2A, 2A.6G, 2A.6H, 2A.6I, 2A.6J, 2A.6K, 2A.6L, 2A.7F, 2A.7I Unit 6: Rational Exponents and Radical Functions 2A.2A, 2A.2B, 2A.2C, 2A.2D, 2A.4C, 2A.4E, 2A.4F, 2A.4G, 2A.5B, 2A.5D, 2A.6A, 2A.6B, 2A.7G, 2A.7H, 2A.7I Unit 7: Exponential Functions 2A.2A, 2A.5A, 2A.5B, 2A.5D, 2A.7I, 2A.8A, 2A.8B, 2A.8C Unit 8: Logarithmic Functions 2A.2A, 2A.2B, 2A.2C, 2A.5A, 2A.5B, 2A.5C, 2A.5D, 2A.5E, 2A.7I

Course Resources

- 3-Ring Binder
- Notebook Paper
- [Optional] Composition Notebook
- Writing Materials (pens, pencil, highlighters, etc.)
- Chromebook



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Grading Policy

According to Midland ISD Grading Policy:

The summative evaluation of a student's grade during a recording period should be based on sufficient data collected in class in the form of various assessments. Regular and periodic assessment of student progress ensures a student has ample time for remediation.

Students must receive feedback on every graded assignment within three to seven days. Major assignments will receive feedback within ten days. Teachers will, at a minimum, communicate with students and their guardians every ten school days regarding upcoming assessments, classroom reminders, learning topics covered in class, and/or expectations. Regular communication may be electronic through the adopted Student Information System or other messaging applications. Teachers will maintain a parent communication log during each grading cycle.

Major assignments - 60% Minor assignments - 40%
Semester exams count as 15% toward the final semester grade

Late Work Policy: As per the MISD late work policy:

Any work not received by the assigned due dates will be graded as follows:

- 1 day late- maximum grade possible is 90
- 2 days late- maximum grade possible is 80
- 3-5 days late- maximum grade possible is 70
- After 5 days, late work will not be accepted

School-wide System of Communication

Algebra II students and guardians will receive a weekly email at the beginning of the week. This email will cover what we are learning, assignment due dates, and any other important information. Additionally, bi-weekly newsletters will be sent out to inform parents of the topic being covered in class. Individual communication will be made through email or a phone call home.

Please feel free to reach out with any questions or concerns. We are excited to work together to make this a successful year of learning!

Please fill out the portion below and return this portion to your teacher.

We acknowledge that we have read and that we understand the expectations in Algebra 2. We agree to contact the teacher should we have any questions or concerns regarding this instructional plan.

Parent Name: _____

Student Name: _____

Cell Phone Number: _____



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E-Mail: _____

Parent Signature : _____

Student Signature: _____

Date: _____