



Algebra 1

Julianna Anderson

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Conference Period: 5th Period

Tutoring Opportunities: Monday, Wednesday, Thursday @ 8:30 am; Monday -Thursday first 20 minutes of 3rd period lunch

Class Materials:

- Pearson Algebra 1
 - www.pearsonrealize.com
 - Username: 6 digit student id @emsid-tx
 - Password: See Mrs. Anderson
- Materials
 - Pencils
 - Highlighter
 - Composition Notebook
 - Notebook Paper
 - Dry Erase Markers
 - A box of tissues
 - Folder
- Digital Tool: Canvas

Access to Canvas and Office365 tools is available to students through our [Single Sign-on Portal \(SSO\)](#). Students receive their SSO login during enrollment.

Course Description:

In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations. Algebra 1 students are required to pass the State of Texas Assessments of Academic Readiness (STAAR) end-of- course (EOC) Algebra 1 exam to meet part of the graduation requirements.

Course Goals:

Students who complete this course successfully will be able to:

- To perform integer operations with Algebraic or Exponential functions.
- To solve/graph linear and quadratic equations and inequalities.
- To perform polynomial operations.
- To determine the domain and range of a function, graph it, and classify it.
- To simplify radical expressions.

Student Evaluation:

The grading system for this course is as follows:

- Grade averaged 60% Major 40% Minor
- Major grades – tests (including District Common Assessments, six weeks assessments, projects, final essays, research papers, presentations); minimum three per six weeks
- Minor grades – quizzes, daily assignments, journals; minimum four per six weeks
- Semester exams will count 1/7 of the semester grade
- A letter system (S, N, U) is used to report a student’s conduct based on proper/responsive conduct and citizenship
- Per Board Policy EIA (LOCAL), “The District shall permit a student who meets the criteria detailed in the grading guidelines a reasonable opportunity to redo an assignment or retake a test for which the student received a **failing** grade. This policy applies only to initial identified major grades and does not apply to daily assignments, quizzes, six-week test, and semester final examinations. Upon reteach and retest, the new test, project, etc. recorded will be a high score of 70%.

Assignments, exams, expectations outside of the classroom:

The student will be given time to work on and complete assignments in class, so if he/she is making efficient use of this time, there will be minimal homework in this course.

Attendance/Tardy Policy/Make-Up Work:

- Students are considered tardy to class if they are not inside the classroom when the bell rings. Excessive tardiness will be addressed by campus administration. Repeated instances will result in more severe disciplinary action.
- If a student is absent, he/she will have the amount of time equal to days absent from class plus one day to complete all missed assignments. It is the student’s responsibility to get the make-up work.
- Late assignments: 1 day late is a max score of 85; 2 days late is a max score of 70; 3 days late is a max score of 60. No late work will be accepted after 3 days.
- If a student fails a test grade (major assignment), he/she may bring the failing grade up to a possible 70 by retaking the test. If make 70 and 84, you can bring your score up to an 85 by retaking the assignment. The retake assessment is at teacher discretion. School policy states this must be done within 3 days of the student receiving the failing score. Tests will be made up during tutorials, and the new test might not be the same as the original test.

Classroom Expectations:

In my class students are expected to be kind to others and only use encouraging words and appropriate language. Students are expected to be on time and in his/her seat when the bell rings with all necessary materials. Students are also expected to keep cell phones put away during instruction, ask permission before you leave the classroom, keep your hands, feet and all other objects to yourself. Students are also encouraged to try his/her best.

Preliminary Schedule of Topics, Readings, and Assignments

- 1st Six Weeks: Linear Functions, Equations, and Inequalities Part 1
- 2nd Six Weeks: Linear Functions, Equations, and Inequalities Part 2
- 3rd Six Weeks: Systems of Equations and Inequalities
- 4th Six Weeks: Polynomials and Factoring
- 5th Six Weeks: Quadratic Functions and Equations
- 6th Six Weeks Exponential Functions and Equations

Academic Integrity:

Academic integrity values the work of individuals regardless if it is another student’s work, a researcher, or author. The pursuit of learning requires each student to be responsible for his or her academic work. Academic dishonesty is not tolerated in our schools. Academic dishonesty, includes cheating, copying the work of another student, plagiarism, and unauthorized communication between students during an examination. The determination that a student has engaged

in academic dishonesty shall be based on the judgment of the classroom teacher or other supervising professional employee and considers written materials, observation, or information from students. Students found to have engaged in academic dishonesty shall be subject to disciplinary and/or academic penalties. The teacher and campus administrator shall jointly determine such action.