



Pre-AP Algebra 1

Brandi Gore

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Remind: Text 81010 @ gorealg

Conference Period: 3rd period 10:04-10:50

Tutoring Opportunities: Tuesday, Wednesday, and Thursday morning from 7:45-8:15

Class Materials:

- Writing Utensil (Pencil or non-neon colored pens)
- Pocket folder with brads
- Triple AAA Batteries (at least 4 pack)*
- Optional: Graphing Calculator**

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:

This course is designed for advanced level students who have successfully completed Pre-AP Math 7 or have met the district credit-by-exam requirements for 8th grade math. Topics of study include linear functions, equations, and inequalities; quadratic functions and equations; exponential functions and equations; and a variety of algebraic methods. Use of mathematical processes to acquire and demonstrate understanding is emphasized. This course helps prepare students for the challenges offered by High School Advanced Placement classes through sustained habits necessary for success in college. **Students will only be allowed to exit Pre-AP Algebra I prior to the end of the first semester. Students will not be allowed to exit after the end of the first semester. Students who take Algebra I in 8th grade must take three, but are encouraged to take four additional math courses in high school.**

Course Goals:

Students who complete this course successfully will be able to:

- solve multi-step equations where distribution is required and where there are variables on both sides of the equal sign
- find domain and range and use function notation
- write equations in various forms to represent lines and graph the lines
- graph horizontal and vertical translations of a function
- solve systems of linear equations using various methods
- add, subtract and multiply polynomials using the same properties used to multiply and divide numerical fractions
- factor trinomials of the form $ax^2 + bx + c$ and polynomials of degree greater than two
- graph and identify key attributes of quadratic functions including the vertex, solutions (x-intercepts, zeros, roots), y-intercept, maximum, minimum, axis of symmetry
- model exponential growth and decay

Student Evaluation:

The grading system for this course is as follows:

- Advanced courses 70% Major 30% 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:

- Homework will be given out every Monday
 - There will be a homework quiz given every Friday over that week's homework assignment to assess the students understanding of current topics along with review material (Subject to change if needed)
- Unit Exams are given at the end of each Unit
- Students are expected to come to class with necessary materials to ensure their success in Math

Attendance/Tardy Policy/Make-Up Work:

On-level classes at the high school level and Pre-AP at the middle school level:

- An assignment may be turned in under the following guidelines:
 - 1 school day late – maximum score is 85
 - ❖ A 100 would record as an 85 (100 x .85)
 - ❖ An 80 would record as a 68 (80 x .85)
 - 2 school days late – maximum score is 70
 - ❖ A 100 would record as a 70 (100 x .70)
 - ❖ An 80 would record as a 56 (80 x .70)
 - 3 school days late – maximum score of 60
 - ❖ A 100 would record as a 60 (100 x .60)
 - ❖ An 80 would record as a 48 (80 x .60)
- No late work will be accepted after 3 school business days and a zero is recorded in the grade book.

Classroom Expectations:

Students are expected to come to class prepared and open minded. They must be ready to be challenged and work hard to be successful. They will work independently as well as in groups throughout the year. Respect is a must in the classroom for one another, the teacher, and our classroom.

Preliminary Schedule of Topics, Readings, and Assignments

Dates are Tentative and subject to change:

- Unit 1: 8/22/2019-9/24/2019
- Unit 2: 9/25/2019-11/6/2019
- Unit 3: 11/7/2019-12/10/2019
- Unit 4: 12/11/2019-2/11/2019
- Unit 5: 2/12/2019-3/19/2019
- Unit 6: 3/20/2019-3/31/2019
- Semester Test Dates: 1/15/2019-1/17/2019
5/26-2019-5/29/2019

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.