

# SHARYLAND ADVANCED ACADEMIC ACADEMY

## Welcome to Algebra 2 Pre-AP

Teacher: Miss MJ Gamble

Room: 203

Email: [mjgamble@sharylandisd.org](mailto:mjgamble@sharylandisd.org)

Phone #: 956-580-5200 ext. 4415

Conference: 8:07am – 9:37am



If you have any questions or concerns, please do not hesitate to email me.

### Course Description:

This course is designed to teach students to be successful mathematical problem solvers. Topics/Chapters covered will be the properties and attributes of functions and their inverses, systems of equations and inequalities, quadratic and square root functions, equations, and inequalities, exponential and logarithmic functions and equations, number and algebraic methods, cubic, cube root, and rational functions and equations, and data.

### Course Timeline [Fall Term]:

Each Topic will consist of lessons from the Pearson Texas Algebra 2 textbook. **At least one test/major grade will be given at the end of each unit.** A calendar will be given to each student to keep track of homework and test dates. This timeline is subject to change.

Semester 1	Semester 2
<b>Topic 1: Functions (6 days)</b> <b>Topic 2: Absolute Value Equations and Functions (6 days)</b> <b>Topic 3: Systems of Linear Equations (7 days)</b> <b>Topic 5: Quadratic Functions and Equations (14 days)</b> <b>Topic 6: Square Root Functions and Equations (5 days)</b>	<b>Topic 7: Exponential and Logarithmic Functions and Equations (12 days)</b> <b>Topic 8: Polynomials (8 days)</b> <b>Topic 10: Cubic and Cube Root Functions and Equations (5 days)</b> <b>Topic 11: Rational Functions (8 days)</b> <b>Topic 9: Rational Expressions (5 days)</b>
<b>Semester Review and Exam</b>	<b>Final Review and Exam</b>

If time permits the following topics will be covered: Topic 4: Matrices and Topic 12: Data.

### Tutoring Schedule

In classroom: Tuesday and Thursday 4:00 PM- 4:45 PM

### Materials

1. 1.5-2" Binder with dividers
2. Loose paper and/or Graph paper
3. Pencils/Pens
4. Markers and/or highlighters
5. Kleenex

6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

## Grading:

**DISTRICT GRADING POLICY IS LOCATED ON THE DISTRICT CURRICULUM PAGE OR A LINK IS POSTED ON MY SCHOOL WEBPAGE.**

Access to student grades are available for parent and student through Skyward. To get username and password contact the front office.

### **Major 60%:** Tests, Reports, Research Papers, Projects/Presentations

There will be a minimum of three (3) grades from this category each reporting period.

Projects- Scoring rubrics will be given to the students at the time the project is assigned.

### **Minor 40%:** Daily Classwork, Homework, quizzes, Binder Checks

STAAR assignments may include handouts and assignments that address the reporting category that is being covered at that time. All assignments that are turned in must be done in pencil and turned in at the beginning of class. Quizzes may include teacher made quizzes, pop quizzes, selected homework problems, worksheets, and other miscellaneous assignments. Re-quizzing is not allowed.

**LATE HOMEWORK will be accepted with penalty.** An assignment that is one day late will begin with a 70 and second day will be a 50. No assignments accepted after the second day.

**Note:** Most math assignments require showing all work. This is necessary because the process or strategy is the critical learning task, not just getting the answer

### **Statement for Academic Dishonesty:**

Academic integrity is fundamental to the activities and principles of our school. *No student shall cheat or copy the work of another. Plagiarism, the use of another person's original ideas or writings as one's own without giving credit to the true author, will be considered cheating, and the student will be subject to academic discipline that may include loss of credit for the work in question.*

### **CLASS RULES**

1. Bring all needed materials to class.
2. Be in your seat and ready to work when the bell rings.
3. Respect and be polite to all people.
4. Respect other people's property.
5. Obey all school rules.

By signing this page and giving it to Miss Gamble, I am confirming that I have read carefully, understand and agree with and will follow all of the guidelines, statements and requirements of this class. I understand that the grade I earn in this class is my responsibility to earn and to track with Skyward. I understand that our class is a learning community. I will support my learning and the learning of my classmates and instructor by coming to class prepared, participating fully and completing my work. I commit to giving my best effort throughout the year of and seek out my fellow students to support my success.

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**Student Signature**

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**Parent Signature**