



WELCOME

Algebra II



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Welcome to Algebra II! I am looking forward to having you as a student. The information that follows is intended to help create the best learning environment possible for everyone in our class. You may find that I have high expectations from my students. Why? Because I *know* you are capable of great things!

Course Description

The content of Algebra II is organized around families of functions, including linear, quadratic, exponential, logarithmic, radical, and rational functions. As you study each family of functions, you will learn to represent them in multiple ways—as verbal descriptions, equations, tables and graphs. You will also learn to model real-world situations using functions in order to solve problems arising from those situations. If I had to summarize Algebra II in two words, those words would be Solve and Graph.

<u>Semester 1</u> Absolute Value Functions Systems of Equations and Inequalities Quadratic Relations and Functions Quadratic and Square Root Functions	<u>Semester 2</u> Cubic/Cube Root Functions Operations of Polynomial and Rational Functions Rational Functions Exponential/Logarithmic Functions
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My Responsibilities as Your Teacher

- Treat you with respect and care as an individual
- Provide you with a positive and safe learning environment
- Deliver the necessary discipline
- Offer the appropriate motivation
- Teach you the required content

Your Responsibilities as a Student

- Treat everyone with respect and care as an individual
- Bring all materials to class daily
- To be cooperative and motivated
- Participate in all activities and complete assignments. (Math is not a spectator sport!)
- Learn and master the required content (SUCCESS = EFFORT)

Materials

- Pencil
- Dry erase markers and erasers for mini whiteboards
- highlighters
- 3 ring binder with dividers for the following sections: Warm-ups, notes, HW, and graded papers
- notebook paper
- TI-Nspire calculators will be used in class. Desmos.com may be used at home as a calculator
- Our classrooms need pencils and tissue boxes. Donations are welcome and appreciated.
- Index Cards
- Hand sanitizer

Classroom Expectations

Be an active listener and notetaker

Work cooperatively with others

Participate by asking questions and giving feedback to other students

Show academic integrity by not cheating (including cell phone apps)

<u>Daily Grades – 50%</u> Assignments will be clearly labeled on your Schoology calendar. AAC: 15 points will be subtracted for each day late, up to 50 On-Level: 10 points will be subtracted for each day late, up to 50 Grades will not be accepted after the current term ends.	<u>Major Grades – 50%</u> During tests, students must place their cell phones in holders designated by the teacher away from their desks. If a student has a cell phone in their vicinity during a test, they will be given a zero for the test and that test score will not be allowed to be progressed.
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If a student is going to be absent on the day of a test, they must notify the teacher beforehand and they are expected to make up for the test as soon as they return.

Retesting Policy

Tests will be scored progressively throughout each term. This means that the second test score will replace the first if it is higher and the third test score will replace the second if it is higher. The third test can only be retested to a 75.

Parent/Student and Teacher communication

Please check Schoology and Skyward emails for updates on grading dates and unit information. Do not hesitate to communicate with me and ask questions.

Growth Mindset

Throughout the year, we encourage students to adopt a growth mindset about their mathematics learning and the use of technology. Even if things seem difficult at first, we are looking for and celebrating improvement and progress with regards to math, critical thinking, and communication.

Cell Phone Policy

On a daily basis, cell phones and headphones will be collected and/or be put away during class unless instructed by the teacher. This is a school-wide policy regarding electronic devices.

Tutorials

Please refer to the schedule below for the current Algebra II learning tutorial times.

Monday AM 6:50 – 7:20	Tuesday AM 6:50 – 7:20	Wednesday AM 6:50 – 7:20	Thursday AM 6:50 – 7:20	Friday AM 6:50 – 7:20
Gomez TS85A	Farmer TS85B		Bacani TS84B	Bacani TS84B
Monday PM 2:55 – 3:25	Tuesday PM 2:55 – 3:25	Wednesday PM 2:55 – 3:25	Thursday PM 2:55 – 3:25	Friday PM 2:55 – 3:25
Ms. Mann D127	Mr. Gaible K147 Bacani TS84B		Mr. Gaible K147	