

Algebra 2 Course Syllabus



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Course Description:

Core Connections Algebra 2 is the third course in a five-year sequence of rigorous college preparatory mathematics courses that starts with Algebra I and continues through Calculus. It aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions.

Pre-Requisites

Students have the best chance for success in this course if they have successfully completed Algebra 1 and Geometry.

Textbook/E-Book

Core Connections Algebra 2
Student Chromebook

Materials

- Pencils and erasers
- Pens and highlighters
- Lined paper
- Graph paper
- *Spiral Notebooks*
- Scientific/Graphing calculator
- Textbook
- *Chromebook*
- White board pens
- Ruler

Grading:

Your final grade will be cumulative throughout the semester using the following scale:

A: 90-100% B: 80-89% C: 70-79% D: 65-69% F: Summer School: <65%

- **75% of the final semester grade** will be based on Tests which include Team Tests, Individual Tests, and Final Exams
- **25% of the final semester grade** will be based on Participation, Homework, Class work, and Projects.

***A student receiving a test grade of D or F (excluding Final Exams) may retake a test after attending successful tutoring sessions. The maximum grade that can be earned on a test retake is 75%. (Maximum of 2 tests only per semester)**

Citizenship

Students are expected to be respectful to the teacher and other students. The school-wide citizenship policy will be followed.

Honesty and Integrity

Cheating will not be tolerated in Algebra 2. Any instance of cheating will result in a zero for the assignment and an immediate referral to the office.

Discipline

The school-wide progressive discipline plan will be followed.

Top Five Ways You Can Be Successful:

1. **Expect to work hard in class.** Be in class ready to learn everyday. Any day you miss is your responsibility to catch up on the material. Bring your own materials every day.
2. **Do your homework honestly everyday.** If you're the type of student who says, "I don't do homework", it's time for you to change your attitude immediately, or expect to get hammered.
3. **Work in pairs and groups efficiently.** Learning how to collaborate well with others is important in being successful in life. Working alone is not an option
4. **Stay positive, and always keep trying.** Quitting is for the weak, and you are not weak— you were made to be strong. So find your strength and keep going.
5. **No cell phone/electronic surfing zone.** Students will be held accountable for staying on task individually as well as in groups.

Sign and return by _____

I have read and understand the academic expectations and classroom policies.

Student Name (printed) _____ Period _____

Student Signature _____ Date _____

Parent Name (printed) _____ () - _____

Parent Signature _____ E-mail _____