

Algebra 2 Honors Syllabus 2023

Instructor Name: Mrs. Greene

Classroom: F106

Textbooks: Algebra 2. Glencoe, McGraw Hill Education

Course expectations

Algebra 2 Honors is meant to expand the student's understanding of the power of mathematical models for solving more difficult problems. Knowledge of algebraic concepts is fundamental and mandatory for the development of more advanced mathematical skills and concepts. Upon successful completion of this course, a student will be able to solve and graph equations/inequalities of higher order, graph conic sections, and apply algebraic solving skills to real world problems. This course prepares the student well for college entrance. The student will have a sound basis of algebraic modeling and problem-solving skills. Those choosing to work for honors credit will have additional enrichment/application assignments at times. This work will need to be done independently. Each test will require honors students to show a more advanced ability to apply the course material and to utilize concepts for problem-solving.

Algebra is presented as one of the tools used to analyze, measure, quantify, and describe God's wonderful creation and manage our existence within it. Students are expected to master the basic algebra facts and begin applying them in solving real-world, multi-step problems. Biblical principles of financial management and our stewardship over the gifts in which God has entrusted us are emphasized.

Materials

- One **COMPOSITION NOTEBOOK** used for Algebra 2 note keeping only (*no spirals*)
- Paper, **Pencils**, and Calculator (TI 30 XII)
- Laptop.

Technology

All high school students are required to have a fully charged, fully functioning laptop in class each day. Cell phones and other tablets are not acceptable devices.

Category weights

Mandatory: 50% tests, 30% quizzes and 10% daily work & 10% Khan Academy and IXL

Student Evaluations

Any test or quiz missed due to an excused absence will be administered during class on the day that the student returns. If consecutive days are missed prior to a test, other arrangements may be made.

Assignments are evaluated on completeness, orderliness, correct procedure shown, as well as the actual correct answers. Assignments are graded using a 100-point scale. Doing all homework problems as they are assigned is crucial to your success in this class. All homework assignments are due at the beginning of the period. Late homework and projects will be graded according to the SFCA handbook policy.

Class expectations/Student Expectations

- It is expected that every student will conduct himself in an orderly, courteous manner at all times with prompt and respectful obedience to all school personnel, following all adult direction without comment. If a student questions a teacher's decision, he/she should speak to the teacher privately after class. At that time, he/she should respectfully explain the situation and wait for the teacher's response.
- It is expected that every student will respect the feelings and rights of others. This includes students, teachers and visitors.
- It is expected that every student will conduct himself in an honest manner, avoiding such actions as lying, stealing and cheating.
- It is expected that every student will be on time to each class and be prepared with a proper mental attitude and all their necessary materials, books and assigned work.
- It is expected that every student understands that the teacher's desk, computer, and other personal belongings and work area is personal property and will be treated as such.
- It is expected that every student will remain in compliance with the classroom teacher's rules, policies and procedures.

Minor student disruptions will be dealt with following the secondary 4-step discipline plan.

- The student will receive a verbal warning the first time.
- The student will receive a written warning the second time that will be sent home to the parents via FACTS and a conference may be requested.
- The teacher will assign a penalty to the student in the form of a detention, written assignment, or other discipline deemed appropriate if there is a third occurrence of discipline issues.
- The teacher will refer the student to the Administration if a fourth incident arises.

Extra Help

Extra help is available after school until 3:30 p.m. Arrangements for other times may be made in advance.

Acknowledgement

This syllabus contains important information specific to this course. It is important for parent and student to read and discuss the information. We urge you to actively use your FACTS account online as a resource. After reading the syllabus, please sign and **UPLOAD A PICTURE OR SCANNED COPY** (hard copies will not be accepted) to designated CANVAS location by **Monday, August 14, 2023.**

Student name (PRINT) _____

I have read the course syllabus for Algebra 2 class and will review Progress Reports with my child on the dates of issue.

(Parent signature) _____

Thank you. I look forward to a wonderful year!

Mrs. Greene

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