



Honors Algebra 2 Syllabus
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It is my pleasure to be your math teacher this year. I look forward to a year full of learning and high achievement. The purpose of this syllabus is to inform you of some of the expectations and procedures in my classroom. Your success is very important to me, so please take time to read the following information and ask questions if you have any.



Course Description

Honors Algebra 2 is a mathematics course designed for students of high math ability who have completed Honors Geometry. Topics covered will include: Linear Functions and Relations, Systems of Linear Equations and Inequalities, Graphing in Space, Polynomials and Rational Expressions, Sequences, Exponents and Logarithms, Probability, Matrices, and Trigonometric Functions and Identities.

Student Expectations

- PHS Attendance and Tardy policy will be enforced.
- Be prepared for class. (HW, pencil, notebook, paper, and calculator)
- Use your class time wisely – stay in your seat and be prepared to work from bell to bell.
- Have a positive attitude.
- Be respectful to yourself, your peers, and your instructor.
- **No food, drinks (except water), or hats in the classroom.**
- All rules as outlined in the student handbook
- **Behavior:** There is no place and no time for immature behavior in this class. Students who deprive others of the right to learn will be dismissed.

Materials

The following materials are recommended to be brought to class each day:

- 3 ring binder with loose leaf paper
- Pencil and eraser (all work must be completed in pencil)
- Correcting Pen (preferably not black)
- Graphing Calculator - Much of the work in this course can be greatly simplified with the access of a TI-83 or TI-84 calculator. Thus, it is in your best interest to own a calculator for use at home and school.



Absences and Make-Up Work

- It is your responsibility to check the course calendar in class or online to determine what you missed. Notes can be copied from a peer.
- Classwork may not always be made up. It depends on the topic and nature of the assignment.
- Tests and Quizzes must be made up after school. Prior arrangements must be made.
- For all assignments, you will have as many days as you were absent to make up the work.



Grading Policy

Point values will continue to accumulate over the entire semester; they will not start over with each quarter. Therefore, semester grades will be based on 20% from the semester final and the other 80% will be from the semester cumulative grade. The semester cumulative grade is determined by scores earned in the following categories and will be weighted as noted:

Daily Work (20%):

Homework is assigned to help you practice the skills we are learning in class. You should expect to have homework an average of 4 nights per week. The following are important aspects of all assignments:

- Homework needs to be completed on time in order to keep up with the rigor of this course.
- Completion of homework will be submitted daily. Most assignments are worth 10 points, but it could vary.
- **No** Late work is accepted.
- In addition to a homework completion grade, students will be graded for accuracy on homework in various ways including, but not limited to, teacher checks on all or part of nightly homework, homework quizzes given in class, and other in class tasks as assigned. Point values for homework accuracy will vary depending on the length and complexity of the work.
- Classwork will include a daily warm-up. Warm-ups will be completed during the first 5 minutes of each class and turned in on quiz and test days. They will be putting the warm-ups on their notes.
- Each warm-up is worth 5 points. It is a student's responsibility to make up warm-ups if they are absent.

Quizzes and Tests (80%):

- The purpose of a quiz is for both students and the teacher to gather a quick snapshot of how well you are learning the material prior to the unit test.
- Quizzes will be announced and will be in the form of a small multi-section assessment.
- Corrections on quizzes will be allowed with a maximum score of 79% replacing the original score. Quiz corrections must be completed after school and before the unit test.
- There are no retakes or corrections allowed on tests.

Grading Scale

90% - 100% = A

60% - 69% = D

80% - 89% = B

Below 60% = F

70% - 79% = C



Textbook

We will be using the Big Ideas MATH, Algebra 2 textbook this year. While there will be a few actual textbooks available for use in the classroom, we will mostly be utilizing the online version of this textbook. If you cannot access the online textbook, a hard copy can be checked out. However, the resources and practice that is available online will be very helpful to you as you navigate through this very difficult course.

Math Tutoring

Honors algebra 2 can be very challenging for students. There are plenty of opportunities for students to get help when needed.

- Free math tutoring is available in the math tutor lab after school every week Monday – Thursday. Math lab locations will be posted outside the classroom door.
- Additionally, I will offer help sessions in my classroom after school at least twice each week. Help session times and dates will be posted every week on Monday.

Honors Algebra 2 Syllabus

Please detach this page and return this portion to Mrs. Mach. Keep the attached information for your records.

I have read the attached information and reviewed it with my child.

Print Student Name: _____ Signature: _____

Print Parent/Guardian Name: _____ Signature: _____

Mom/Guardian Phone Number: _____

May I call you at the above number at any time? Yes No If no, please give best times: _____

Dad/Guardian Phone Number: _____

May I call you at the above number at any time? Yes No If no, please give best times: _____

Mom/Guardian Email: _____

Dad/Guardian Email: _____

Student Email: _____