

ALGEBRA 2 HONORS COURSE SYLLABUS FALL 2017/ SPRING 2018

Text: Algebra 2, McDougal Littell

Instructor: Ms. Anne Tonry Room 121, Prep period: 1st

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This class will focus on the development of essential concepts necessary to progress in the mathematical sequence of courses. Algebra 2/Algebra 2 HONORS is a prerequisite for Trigonometry, and Calculus. Emphasis will be placed on problem-solving, real world applications and the use of graphing and scientific calculators. **If possible, each student should have a graphing calculator.** Topics will include the following:

- Relations and Functions
- Systems of Equations and Inequalities
- Polynomials and Polynomial Functions
- Irrational and Complex Numbers
- Quadratic Equations, Relations, and Functions
- Rational Polynomial Expressions
- Exponential and Logarithmic Functions
- Statistics

Sequence: We will follow the sequence as presented in the Curriculum Map for this course available on the Galena High School website.

Goals: Students in Algebra 2 HONORS are to:

- Value mathematics
- Exhibit confidence in their ability to solve mathematical problems
- Reason mathematically
- Communicate mathematically
- Apply learned concepts to new situations

Special note: Second year Algebra is a difficult course and relies heavily on knowledge of material from the first year of Algebra. If your student did not do well in Algebra 1 (C or below), he or she is likely to struggle in Algebra 2 HONORS, needing extra help or a tutor.

Grading Policy: This class will be using the following grading scale:

- A 90 -100
- B 80 - 89
- C 70 - 79
- D 60 - 69
- F 0 - 59

Tests 60%, Homework 10%, Quizzes 15%, Final 15%

Homework will either be collected or checked daily.

Quizzes will generally be given daily.

HOMEWORK POLICY

Homework assignments are very important in regards to your grade in this class. I will number my assignments and post them online and on a bulletin board in my classroom in a timely manner. Points are awarded on a **genuine effort** to work out every problem. **Work must be shown** to my satisfaction. **A simple list of answers will result in zero.**

Each homework assignment is worth:

- 5 points if on time and true effort shown
- 4 points if on time with most work shown
- 3 points if late and true effort shown
- 2 points if late with most work shown

Your homework **must** be on notebook paper, **in pencil**, neat and have your name and **assignment number** and date on the top.

NOTE: If you are absent you are responsible for turning in your homework when you return. If you missed one class you have one class grace, if you missed two classes you have two classes grace, etc. before the assignment is considered late.

TEST MAKE UP AND RETAKE POLICY

You **must** finish a test during the class period that it is administered. You cannot expect me to allow you to go home and continue a test that you have already seen the next day.

If you are absent for a test **you will be expected to take the test as soon as you return.** If you missed one class you have one class grace, if you missed two classes you have two classes grace, etc.

You may retake all the tests in this class. To be eligible to retake a test you must complete a different practice test **AND** show me the completed practice and your notes from this section. At this time I will answer any questions you have. If you do not take good notes and keep them organized you will not be allowed to retake the test.

ALL RETAKES MUST BE COMPLETED BEFORE THE NEXT TEST. I WILL POST A DATE THAT IS THE LAST DAY I WILL ACCEPT A RETAKE.

CLASSROOM PROCEDURES:

1. You are expected to come to class on time. If you are tardy, you must report to the office for your admit to class slip.
2. You are expected to come to class prepared. This means that you bring your notebook and writing utensil to class everyday.
3. You are expected to make a learning environment and be courteous to all members of this class. Every student has a right to be here, a right to learn and a right to their own opinions.
4. You are expected to use time wisely, especially when you are given time to work on assignments in class.
5. You are expected to take care of all business before coming to class. You will be given **six hall passes** each semester. These passes may be used only by you to leave the classroom for approved purposes. Once your six passes are used there will be no more issued, so use them wisely. These passes are for this class only and cannot be used in any other class at Galena. At the end of the semester 2 points will be given for each unused pass. New passes will be issued at the start of each semester. Remember, there are no additional passes. Do not lose your passes or use them unwisely. If you are tardy to class, you will not be allowed to use a pass.
6. **You are expected to remain in your seat until I dismiss you.**
7. You are expected to eat during the nutrition breaks. No food or drink is allowed in the classroom. Only water in a spill-proof container.
8. You are expected to use proper language. Please no profanity!
9. All rules of Galena High School apply in this classroom.
10. **MOST IMPORTANT – BE KIND!!!!**

To achieve success in this class, good attendance is necessary. It is also necessary to study, and that does not mean just doing your assignment. I am ready and willing to help you. If you get lost, are absent, or just feel like you need extra help, do not wait until it is too late! Do not be embarrassed to ask for help.

Feel free to contact me regarding anything. Email is the best way to reach me and I will respond promptly. I am here to help!