



Algebra II Honors Course Information Form

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Conferences available periods A4 and B7 or after school.

Course Description: Algebra II Honors is an accelerated continuation of concepts learned in Algebra I. A solid background in Algebra I is required to progress into this and any other math course. It is imperative that students keep up with the pacing of the course, since it is very difficult to recover if you fall too far behind. I am available for additional help during Power Hour, and after school by appointment.

Course Outline: The Algebra II Honors curriculum includes, but is not limited to the following general strands:

First Quarter

Unit 1a	Linear, Absolute Value, and Piecewise Functions
Unit 1b	Quadratic Functions and Graphs
Unit 2	Systems of Equations and Inequalities

Second Quarter

Unit 3	Polynomial and Polynomial Functions
Unit 4	Radical Functions and Rational Exponents

Third Quarter

Unit 5	Exponential and Logarithmic Functions
Unit 6	Rational Functions
Unit 7	Probability and Statistics

Fourth Quarter

Unit 8	Periodic Functions and Trigonometry
Unit 9	Sequences and Series

Materials Needed: Students will be expected to bring the following items to class on a daily basis;

- 1) Textbook - *Florida Algebra 2 Common Core*: Pearson, 2015. (available online)
- 2) 3-ring binder (rings at least 2") with all work in chronological order
- 3) Notebook & Graph paper
- 4) Scientific or Graphing Calculator (The TI-84+ CE graphing calculator is strongly recommended, as that is the one I will be teaching from in class.) Cell phones may *not* be used as calculators.
- 5) 2 pencils
- 6) Colored Pencils

Student Evaluation: Regular evaluation of students takes part on a daily basis. Student grades will be calculated based on total points earned, and based on 4 different categories:

1) Tests / Projects (100 points each)

This category represents major chapter or unit tests in the nine-week period, as well as a wide variety of projects which will be assigned throughout the year. These projects will be counted as test grades, and be scored based on a rubric specifically designed for the given project. Students will be provided with scoring rubrics at the time the project is assigned.

2) Classwork / Homework (5 points each)

Homework will be given on a daily basis, and is expected to be in class and completed when it is due. Late homework will not be accepted. Students who are absent are expected to get the assignments that they missed from the assignment board, and have them turned in as soon as possible. Absent students will have no longer than the number of days absent to get make-up work turned in. See the homework scoring rubric below for more details on homework grades.

3) Quizzes (20-30 points each)

Regular in-class quizzes will be given to check students' progress and comprehension.

4) Warm-Ups / Exit Slips / Class Presentation (25 points)

Each class period will begin with 3-5 warm up problems intended to launch into the day's lesson. Warm-ups will review prior knowledge needed for the lesson, or assess understanding of recently learned topics. Exit slips will assess understanding of the basics of the daily lesson. In addition, students will be expected to present selected problems to the class throughout the quarter.

FSA End of Course Exam

Beginning the 2017-2018 school year, the FSA is no longer required for Algebra II. You will be expected to take a District created End-of-course assessment instead. The EOC will count for 20% of your second semester grade.

Homework Scoring Rubric: Daily work will receive one of four possible grades based on the following rubric:

5 points

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- * All problems are copied and completed.
- * All conditions of the problems are satisfied.
- * All or most of the answers are correct.
- * Student answers word problems in complete sentences, restating the question in their answer.
- * Student shows work or explains problem steps in sentences.
- * Work is neat and easy to follow.

4 points

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- * At least 80% of the assignment is complete.
- * Most of the conditions of the problems are satisfied.
- * Most of the answers are correct.
- * Student answers word problems in complete sentences, but does not restate the question in their answers.
- * Student shows work or explains problem steps in sentences.
- * Work is neat and easy to follow.

3 points

*or
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or*

- * At least 60% of the assignment is complete.
- * Fewer than 70% of answers are correct even if complete.
- * Student does not answer word problems in complete sentences.
- * Work is not neatly organized or difficult to follow.

0 points

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or*

- * Less than 60% of the assignment was completed.
- * Assignment only contains a list of answers (correct or not)
- * Answers are incorrect and not thought out, even if complete.
- * Work is not neatly organized or difficult to follow.
- * The assignment was not turned in on time.
- * Student was absent and did not make up the assignment.

Online Support: Most course materials and daily assignments will be posted on my website - www.themathcab.com. Students who are absent are encouraged to check the site, which should be updated by the end of the school day each day. Support videos will also be posted on the Algebra II Honors blog page, should you need extra help. Online Textbook support is available through Pearson Realize. A link can be found at the top of my website for direct access. This site provides an online textbook, sample problems with solutions, and online video support for each section of our textbook.

Test Recovery: *Douglas Anderson is a school which embraces mistakes as an essential part of learning.* As a result, students who have completed at least 80% of their homework for a particular unit will be eligible to re-take the unit test if an unsatisfactory grade (69% or lower) was earned the first time. Students who wish to take advantage of test recovery must come to at least two Power-Hour sessions to review and correct their original test prior to scheduling the retest. Test re-takes must be completed in one session, and therefore must be done after school by appointment. Retakes are only allowed once per unit. Once tests have been retaken, the test grade can be improved up to a maximum of 70%.

Extra Help: Extra help is available most days during Power-Hour and, if necessary, after school by appointment. There are also tutoring opportunities available through the National Honor Society. Students should come to extra help with specific questions, as extra help time will not be devoted to re-teaching class material due to inattentiveness during class time.

Classroom Rules:

- 1) **Be on Time.** There is a lot to learn, and we need all of the time we have.
- 2) **Come in, go straight to your seat, and stay there unless you have been given permission to move.** You may sharpen your pencils before class, and throw away your trash on your way out.
- 3) **Show respect towards other people, their opinions, and their things.** You want and deserve the same respect shown toward yourself. Raise your hand and wait to be called on before speaking. Do not touch things that do not belong to you.
- 4) **Please come to class prepared.** In order to learn what we need to, you will need a pen, pencil, paper, your textbook, your notebook, and a calculator.
- 5) **No food, drink, candy, or gum is allowed.** Class time is not snack time. You may bring bottled water if necessary.
- 6) **No electronic devices.** Cell phones, iPods, laptops, or any other electronic devices are not needed for class. Remember, "No Cell, bell-to-bell."
- 7) **Students are dismissed by the teacher, not the bell.**
- 8) **Respect the authority of all school personnel.** We are *all* here to help you!!