

# Grade 10 Honors Algebra II Course Syllabus

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## Course Information

Honors Algebra II, 505

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## Teacher Contact Information

Mr. D. Schaeffer, Huron High School, Room 207

Phone: 419-433-1234 Extension: 1207

Email: [dschaeffer@huron-city.k12.oh.us](mailto:dschaeffer@huron-city.k12.oh.us)

Office Hours: 2:30-3:00

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## Course Description

During this course a greater emphasis will be placed on the structure of algebra through the use of the concepts of proportionality and the rectangular coordinate system. Examples of topics covered are radical expressions, complex numbers, exponentials, basic trigonometric properties, polar coordinates, and equations.

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## Course Pre-requisite(s)

Student has a grade of “B” or higher in Honors Geometry, or teacher recommendation.

Pre-requisite skills include: comparing and ordering real numbers, factoring polynomials, understanding of congruent and similar figures, Pythagorean theorem, and the basic measures of central tendency (mean, median, and mode).

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## Student Learning Objectives/Outcomes

The goal of the SLO is for every student to show significant growth in understanding the relationship/characteristics of a function and its graph.

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## Required Textbooks and Materials

Class textbook: Algebra 2 by Glencoe 2012 Ohio Edition, notebook, pen/pencil

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## Classroom Materials

graphing calculator is recommended

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## **Assignments & Academic Calendar**

This class includes a variety of assessments including: projects, tests, quizzes, and homework (daily).

Grades are on a weighted scale for 80% going toward graded assignments (test, quizzes, projects) and 20% going toward homework assignments

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## **Course & Instructor Policies**

Homework is checked daily based on completion and will not be accepted late. There are no extra credit assignments available.

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