

Course Syllabus

Course: Honors NC Math 2
Remind Code: 82b22hd942
Instructor: Ryan Brumfield
Office Phone: (828) 565 - 4000
Email: rbrumfield@haywood.k12.nc.us
Course Location: Room 404

Prerequisites

NC Math 1

Course Description

This course builds upon the concepts taught in NC Math I & NC Math II. Honors NC Math 2 continues students' study of algebraic concepts, advanced functions, geometric concepts, trigonometry, and probability. Students will be encouraged to take responsibility for their own learning as they participate in self-directed learning throughout the semester. Upon completion, students should be able to select and use appropriate models and techniques for finding solutions to both algebra and geometry-related problems with and without technology.

Course Outline

- Unit 1 - Functions and Equations
- Unit 2 - Geometric Transformations
- Unit 3 - Angles and Triangles
- Unit 4 - Triangle Congruency and Similarity
- Unit 5 - Right Triangles and Trigonometry
- Unit 6 - Exponents and Radicals
- Unit 7 - Graphing Quadratics
- Unit 8 - Solving Quadratics
- Unit 9 - Probability

Grading Policy *note: subject to change*

Major Assignments - 60 %

Minor Assignments - 40 %

Final Exam - 25 %

Homework

Mathematics is not a spectator sport. To truly comprehend the subject, it is imperative that you actively engage in algebraic problem-solving. Please ensure that you complete your homework assignments, thoroughly review your solutions, and formulate thoughtful questions for the upcoming class session.

Behavior

All students are expected to conduct themselves in a manner befitting the gravity of the course. Punctuality, responsible use of electronic devices, and maintaining wakefulness are mandatory. Active participation in class discussions and activities is also highly encouraged.

Please share this information with your parent/guardian and both of you sign and date below.

Student signature: _____ Date: _____

Parent/Guardian signature: _____ Date: _____

Parent/Guardian daytime phone: _____

Parent/Guardian email: _____