



**North Carolina
Virtual Public School**

Geometry Honors

Course Description

Geometry is a course that explores the relationships, measurements and properties of one, two and three dimensional objects. Logic is used in the form of deductive reasoning needed to solve problems not only in Geometry but in other subsequent courses. The core concepts covered are triangles, quadrilaterals and circles. Quizzes, homework and tests will be used to evaluate student success in the course.

An Honors Geometry course will be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning. This emphasizes the further development of skills, techniques and connections to geometry concepts. The topics include but are not limited to: foundations of geometry, proof and logic, lines, transformations, probability, polygons, similarity, 2D and 3D measurement, circles and basic trigonometry. Geometry Honors builds on your algebra knowledge while also preparing you for future math courses. It teaches you to think logically, problem solve, and use critical thinking skills in real life situations.

Prerequisites

Algebra I with a final grade of 85 or better. As well as a level III or better on the EOC.

DLAs, to see a current list of textbooks and course materials, including required websites, please go to the Textbook Tab in the DLA SPA.

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