



**Tutor:** Grecia Fenton

**Class Name:** Geometry

**Grade Levels:** Grades 10-12

**Class Description:** This course introduces students to a balanced study of geometric theorems and real-life applications. Students will study formal definitions, reasoning, congruence, similarity, constructions, two- and three-dimensional figures, coordinate geometry, transformations, and trigonometry. Several historical fiction accounts introduce students to key figures in mathematical history and provide opportunities for Biblical worldview shaping, while “Geometry Around Us” sections highlight real-life applications of geometry.

**Prerequisites:** Algebra 1

**Textbook/Author/Publisher:** Glencoe Geometry (blue background, skyscrapers on cover); copyright 2005 ISBN – 10-0078651069/13-9780078651069  
Can find used on Amazon/other used book sellers.

**Supplies Required:** class note/homework notebook; protractor

**Materials/Lab Fee:** none

**Step Up:** NO