

**Geometry**

**Tuesdays 8:00-9:30**

**Grade Level: 9-12**

**Prerequisite: Algebra 1**

**Facilitator: Geoff Sawyer**

**Student Fee: \$225**

**Class Size: 6 to 12**

**Course Description:**

Course will cover logic, proofs, constructions, lines and angles, congruence, inequalities, parallel lines, quadrilaterals, transformations, area, similarity, right triangles (with a bit of trigonometry), circles, polygons and solids.

**Required:**

- *Geometry: Seeing, Doing, Understanding*, 3<sup>rd</sup> Edition, by Harold Jacobs, ISBN 0716743612.
- Notebook/Binder for writing down terms, definitions, postulates and theorems
- A good metal compass, protractor, and a straight edge

**Student Expectations/Homework:**

- Complete all homework assignments as assigned in the syllabus
- Turn in quizzes and tests promptly (taken at home, but turned in to be graded)
- Complete geometry notebook/binder
- Participate in class

**Grading:**

Grading will be based on class participation, notebook/binder, quizzes and tests.

**Helper Information:**

A helper will be needed to grade quizzes/tests, to make and distribute copies, and to assist with classroom management as needed.