

Spring Hill USD #230
Course Description and Local Objectives
Spring Hill High School
Math Department
Revised 2005-2006

Geometry and Geometry A/B
Grade 10

Course Description:

A one-year elective course that begins with basic definitions and postulates for a formal development of geometry through proofs. Major Units will include Lines and Angles, Reasoning and Proofs, Parallel and Perpendicular Lines, Congruent Triangles, Proportions and Similarity, Quadrilaterals, and Transformations.

Texts:

Geometry Glencoe, 2006

Evaluation:

Students will be evaluated through written assignments, text assignments, projects quizzes, unit tests, and final exams.

Local Objectives:

1. have knowledge of basic geometric figures, lines and angles.
2. be able to apply basic geometric concepts to real life situations.
3. define parallel lines, congruent triangles, and congruent quadrilaterals.
4. Similar polygons, right triangle, and circle
5. Constructions, areas, volumes, and coordinate geometry.