

Euclidean Geometry

2018-19

Instructor

Mark Worthington

Email

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Office Location & Hours

Holy Family School

General Information

Description

The following concepts will be covered. Points, lines, planes, segments, rays, angles, angle pairs, and perpendicular lines. Logic (conditional statements - converse, inverse, contrapositive). Proofs, parallelism, triangles, congruency, and inequalities. Figures, similarity, circles, area/volume of figures, and coordinate geometry.

Expectations and Goals

Students will be expected to attend, participate, and be prepared for class each day. Attendance is a must in order to keep up with class work. Homework will be given on a daily basis and will be for points. Although there will be days students will have time to work on the assignment, it will be necessary for them to complete assignments and study for assessments outside of class.

Course Materials

Required Materials

- Pencils
- Notebook specifically for Geometry
- Scientific calculator

Required Text

Prentice Hall Geometry

Exams and Quizzes

Small quizzes will be given to make sure students understand the concept and have been completing their own home work. Exams - most chapters are broken into two smaller exams instead of one large exam. We will always review before each exam.

Additional Review

Some class time will be set aside each week to review algebra concepts. Students will be given a weekly quiz over the concepts that were covered.

Additional Expectations

The KYOTE Exam consists of two separate college entrance exams for math. Students will be working and preparing for the first of the two exams during the school year. Our goal is to pass the first exam before the school year ends.