



BISHOP NOLL INSTITUTE

PREPARING STUDENTS
MIND, BODY & SOUL

Established 1921

2017-2018 Geometry Course Syllabus

Instructor: Chris Diehl, cdiehl@bishopnoll.org

A. Course Description

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed. It also emphasizes writing proofs to solve (prove) properties of geometric figures.

B. Course Topics

- Visualization
- Transformations
- Measurement
- Reasoning and Proof
- Similarity
- Coordinate Geometry

C. Textbook and Required Supplies

Text: *Geometry Common Core*, Pearson

Required Supplies: Scientific or Graphing Calculator (Precalculus requires graphing so it's a good idea to get it now), graph paper

D. Grading

Semester: 40% 1st quarter, 40% 2nd quarter, 20% Final Exam

Quarter: 25% Homework, 15% Quizzes, 60% Tests

E. Classroom and School Guidelines

Refer to the Student Handbook

F. Absent and Late work

If absent, you will have the number of days missed to complete assignments. For example, if you miss 3 days of school you have 3 days after you return to finish all assignments.

If you are not absent or have legitimate reasoning, late work will not be accepted.