

Geometry Course

Geometry Instructor: Missy Wade

Grades: 8th – 12th

Prerequisites: Algebra 1

Cost: \$40 per month tuition & \$50 one-time materials fee (which covers the Geometry Student Companion, online code for one year, and handouts)

Credit: 1 unit of mathematics

Overview: This course is designed to provide full coverage of the basic concepts used in Geometry. Students will gain an understanding of proofs through the use of Postulates, Theorems, and incidence as they apply to logic, congruent triangles, areas, space, volume, similarity, and trigonometry. Mental math and problem solving, as required on the ACT, are included.

Curriculum: Prentice Hall, Geometry, 2011 edition, ISBN-10: 0-13-350041-1, found at Amazon.com. There are many used copies starting at \$25. Be sure to get the textbook that only says Prentice Hall Geometry on the cover. The MathXLforSchool program comes with an e-book, but a hardcopy textbook will be needed as well. The instructor has some textbooks to sell or rent.

Additional Requirements: Daily Internet access so students can complete assignments, utilize the e-book online, and access email. Parents are required to verify student has completed homework on time by grading and signing all written homework.

Homework: Homework will be assigned online using MathXLforSchool, from the textbook, and using handouts.

Min/Max: 5/15

LHE Pre-enrollment required BEFORE course enrollment. See website for pre-enrollment information.

Course Enrollment & Questions: Mrs. Wade at mwexcelmath@gmail.com