

Honor's Geometry Course Syllabus Fall 2016

Course Description:

This course serves as the second course in the mathematical sequence. Students will formalize their geometry experiences from elementary and middle school, using more precise definitions and developing careful proofs; represent problem situations with geometric models; classify figures in terms of congruence and similarity; deduce properties of and relationships between figures from given assumptions; and translate geometric figures to an algebraic coordinate representation and algebraic models; apply right triangles and trigonometry. Through the use of dynamic software, students will gain an understanding of the relationships among mathematical figures and become active participants in the inductive and deductive processes of thinking. Students will actively engage in hands-on project based learning experiences throughout.

Course Expectations:

The class will include active engagement strategies and classwork such as: discussions, open-ended problem solving, cooperative groups, lectures, and formative and informative assessments. Progress checks will be given throughout chapter clusters, while a major assessments will be given at the end of each chapter cluster. Homework will be assigned regularly.

Students may redo an assessment once after receiving feedback and intervention. This may be done during PRIDE Period, arrangements need to be made with their teacher.

Before completing a redo assessment, students are expected to:

- Complete all assignments.
- Complete and have the following for the original assessment:
 - Write the **correct answer** for any problem that was incorrect on the assessment.
 - Rework **any problem that was incorrect on a separate sheet of paper** to get the correct answer/understand the mistake(s) made and attach the correction sheet to the original assessment **(if the student is not able to complete any problem correctly, the student is expected to come in for help during Pride Period and/or after school for help)**

The **higher grade for the assessment will be recorded** in the grade book. Retakes must be completed by the **5th class period after the assignment is returned or on the retake days offered** to students within this time period. Violation of the academic integrity policy is not eligible for redo.

Grading Plan:

The grading system complies with AACPS Board of Education Grading Policy, II-RA. Grades are earned by student to document mastery of course objectives, skills, content, and concepts.

Assessments (3-5 per Quarter) are 65% of the student's total grade. Any assessment given in the last week of the marking period is not eligible for redo. Classwork is 15% and homework is 10% of the total grade. All work must be shown to receive credit for classwork and homework. Classwork and homework are not eligible for redo. The quarterly exam is 10% of the total grade and not eligible for redo.

Students are responsible for making up homework, quizzes, and tests when absent from class. Completion should occur upon returning to school within the time frame of the number of days the student missed. Unexcused absences will result in an automatic zero.

All assignments not submitted on the due date are considered late. Late assignments shall be penalized by a maximum of 50%. Late assignments must be submitted within five school days from the original date in order to receive credit. Late Summative Assessments cannot be resubmitted for a redo or an upgrade.

Grading scale:

Letter grade	Number Grade
A	90 – 100%
B	80 – 89%
C	70 – 79%
D	60 – 69%
E	0 – 59%

Semester grades are determined by 50% from each marking period.