

Analytic Geometry Course Syllabus

Instructor: Katie Peters

Room #:125

Year: 2017-2018

Email: Katie.peters@henry.k12.ga.us

Textbook used: N/A

Course Name and Title: Analytic Geometry

School Website: <http://schoolwires.henry.k12.ga.us/domain/246>

Office Hours/ Tutoring: *3:25-4:00 WEDNESDAY or upon request. I can make myself available if another day/ time works better.

****Tutoring times may vary based on meetings and other obligations that may pop up. Please check with me at least a day in advance for tutoring times updated each week.**

***Honors Analytic Geometry classes will receive additional enrichment, assessments, depth, etc. (as compared to regular Analytic Geometry classes).**

Supplementary Texts or Special Materials: Additional resources will be announced in class as needed (USAtestprep, Edgenuity, vides, etc.)

- <http://www.ck12.org/user%3AbHlhLnNuZWxsQGhbnJ5LmsxMi5nYS51cw../book/CCGPS-Math-II-Analytic-Geometry/>

Course Description: Analytic Geometry is the second course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of geometry with correlated statistics applications.

Course Outline and Content: Please visit the following site for more detailed information:

<https://www.georgiastandards.org/Common-Core/Pages/Math-9-12.aspx>

Unit 1: Similarity, Congruence, and Proofs

Unit 5: Quadratic Functions

Unit 2: Right Triangle Trigonometry

Unit 6: Geometric and Algebraic Connections

Unit 3: Circles and Volume

Unit 7: Applications of Probability

Unit 4: Extending the number system

Special Assignments and Projects: To be determined by individual teacher

Classroom Rules and Discipline Procedures:

To ensure an optimum learning environment, please adhere to the following:

- Students will be respectful to all adults and classmates.
- Students will be seated in class when the bell rings.
- Students will not display cell phones, portable electronic devices or unauthorized materials in class unless directed by a teacher to do so.
- Students will use computers/technology appropriately at all times.

Make-up Work Policies:

Unexcused absences will result in no grades awarded for the work given while absent. Excused absences allow the students to make up the work in the equal amount of time they were absent. Make up work is **YOUR** responsibility. The day you return, you should obtain the missed assignments, notes, worksheets etc.

RETAKE POLICY:

If a student has a low grade on an assessment then they can choose to keep the low grade or they can choose to study, get tutored as needed, and retake a similar assessment. Students may redo any assessment where the grade is below 100%. This WHS redo policy does not apply to the midterm exams (roughly middle of each semester), the semester exam (end of 1st semester), or the EOCT (state exam near the end of the year). Any assessment that is retaken will require the student to retake similar questions for the problems that were missed on the original assessment, not the entire assessment. The new grade will be recorded and a notation will be made in the comments section listing the original score and the retake(s). "Retakes" are optional and are typically given at times designated by the teacher (typically before or after school). Retake requirements and times will be given in class and posted on the individual teacher's school website.

Important Note: Please monitor grades online (Infinite Campus) and stay in close contact with the teacher. One of the best ways to stay in contact with each other is through school email (listed above). Please respond when you receive an email from the teacher (so that the teacher knows that you received the information).

Tutoring: Tutoring is available from the classroom teacher. The math department also offers free additional tutoring with other math teachers before and after school (usually starts after the first few weeks of school, provided funding is available). Tutoring times will be announced in class and posted on the WHS math department website. Help is always available!

School-wide Grading Requirements as follows (year-long grading):

Semester Final Average:

Final exam or EOC/Milestone Assessment- 9th- 12th grade level courses- 20%

Course Final Average- all 9th- 12th grade courses- 80%

Formative assessment:

Practice (i.e., classwork/homework)- 20%

Summative assessment:

○ Quizzes/labs- 35%

○ Major tests/projects- 45%

Note:*the Formative and Summative Assessments equal 100% but fall under the category of Course Final Average which is 80% of the Course Final Average.

Course Final Average- Year-long Average (80%) and Final Exam/EOC Milestone (20%)

***Grades for each 9 week grading period should include a minimum of the following: 3 tests in the summative assessment/Test category, 3 labs/quizzes in Lab/Quiz category and 9 Practice grades.**

Academic Integrity Policy:

Academic integrity is a fundamental value of quality education; therefore, Woodland High School will not tolerate any acts of cheating, plagiarism, or falsification of school work. Should it be determined that an academic integrity violation has taken place, the school reserves the right to assign a grade of a zero and submit a disciplinary referral to the appropriate Assistant Principal. The school also reserves the right to remove or suspend enrollment in any Advanced Placement/Honors classes as well as Academic Honor Societies.

Materials Needed: CASIO FX-115ES PLUS Scientific Calculator, binder, pencils, paper, graph paper, ruler, compass, dividers, dry erase markers

Technology Information: CASIO FX-115ES PLUS Scientific Calculator, at home computer access (if this is not possible, please inform your teacher immediately)

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STUDENT/PARENT CONSENT OF UNDERSTANDING:

I have read and understand all of the objectives, requirements, and expectations for Analytic Geometry taught by _____ (insert teacher name). What period is this math class? _____

Student signature

Date

Parent signature

Date

Parent(s) printed name: _____

Parent(s) Home Phone Number: _____

Parent(s) Cell Number(s): _____

Parent(s) email address: (print clearly) _____