



**Union Grove High School
Analytic Geometry Syllabus
2017 - 2018**

Instructor: Mrs. Pourron

Room #: 214

Email: traci.pourron@henry.k12.ga.us

Course Description:

CCGPS Analytic Geometry is the second course in the math sequence of the Common Core Georgia Performance Standards Math. Students in CCGPS Analytic Geometry have completed and mastered topics covered in CCGPS Coordinate Algebra. This course is rigorous preparation for CCGPS Advanced Algebra.

Materials:

2-Composition Notebooks (one for each semester), 1- 3 Prong Pocket Folder, Pencils, Loose Leaf Paper, Colored Pencils, Highlighter, and Scientific Calculator (may be purchased from the math department for \$20- Casio fx-115ES Plus) - **Each of these should be brought to class daily.**

Graphing calculators (TI-84 Plus or TI-Inspire) will be used throughout the year and will be provided as needed. Walch Workbook (may be purchased for \$20), rulers, protractors, and compasses will be used throughout the year but are also optional purchases.

Course Content:

Similarity, Congruence and Proofs
Right Triangle Trigonometry
Circles and Volume
Extending the Number System

Quadratic Functions
Modeling Geometry
Applications of Probability

CCGPS Standards can be found at <https://www.georgiastandards.org/Common-Core/Pages/Math-9-12.aspx>

Grading Weights:

Grading will be broken down as follows:
80% Course Final Average
20% Final exam

Course Final Average Categories and Weights:

50% Major Tests
40% Minor Quizzes, Classwork, Homework, etc.
10% Midterm Exam

Warm Ups:

Students should enter class and immediately begin working on the warm up activity found on the board. Students are responsible for keeping up with these questions, as they may be relevant to current or future tasks and may be used for unannounced quizzes throughout the semester.

Homework:

Homework is an important part of learning mathematics and should be completed with due diligence. A mixture of task related and skill based assignments will be used to help student's master content being covered. All work must be shown for each problem. Homework may be checked for accuracy. The frequency of these assignment checks is at the discretion of the teacher. Late homework will not be accepted.

Online Content:

Students may be expected to complete online lessons for classwork, homework, and/or assessments.

Quizzes (Minor Assessments):

Quizzes will be given throughout the year to assess current progress of the skills mastered. The quizzes may be given on an announced or unannounced schedule.

Tests (Major Assessments):

At least one test will be given for each unit of study. A student who is absent from school the day before an announced test will be held responsible for taking the test at the scheduled time. If a student is absent on a test day, she/he must schedule a make-up test with me on the day she/he returns to school. Tests *may* be cumulative in nature. A midterm exam will be given in December and will count as 10% of the student's coursework.

Final Exam:

The final exam is cumulative. I highly recommend reviewing past material periodically. Students' final exam in May will be the Georgia Analytic Geometry Milestone Test.

Student Expectations:

Attendance

Be Present for class. Attendance is extremely important. You miss valuable class discussions that help you master topics being covered when you are absent. It is the responsibility of the student to make arrangements to make up missed work or assessments and secure all notes from classmates. Follow the make-up policy as stated in the Student Handbook. Class time will not be spent completing makeup work.

Effort

Participate in class and take notes. By participating in a discussion about what you are learning, I will be better able to identify the areas that will need more intensive review, and the student can use ideas generated in discussion and the notes from lectures as learning tools.

ASK FOR HELP! If you are struggling to understand something or would like to receive extra help, just ask! I will do my best to arrange a time to meet with you as soon as possible.

Communication

Parents are asked to contact me via e-mail (traci.pourron@henry.k12.ga.us) if you have an academic or behavior concern/questions regarding your student. If a conference is needed Mrs. April Wright in the counseling office can be contacted to set-up a conference following our initial communication.

Unit Repair:

In an effort to aid in student mastery, each UGHS student will have the opportunity to participate in Unit Repair if he/she makes a 69 or lower on a unit assessment (as defined by the teacher). This opportunity will only be extended during the first semester (August – December) of school. In order to receive this opportunity, the student must communicate with the teacher to receive instructions within two school days of receiving the graded assessment. Students will be required to complete coursework and/or before/afterschool tutoring as defined by the teacher to show a greater understanding of the material to reassess. The student has 2 weeks from the date the graded test is returned to complete the practice work and take the reassessment. Students will receive an average score of the first and second assessment for their final assessment grade.

Availability:

I am available most afternoons in room 214 for students needing tutoring. Please let me know at least one day in advance if plan on coming so I can adjust my schedule as needed. Tutoring is also available during my 4th period IF. I must provide you with a pass prior to your IF.

Tardy Policy:

Tardy is defined as not being in your assigned seat when the bell **begins** to ring.

Restroom / Hall Passes:

No passes will be issued the first and last 10 minutes of the class period. No passes will be issued at any point during class for students to report to lockers.

Classroom Management Behavior/Tardy Guidelines:

Student should adhere to all rules as stated in the Henry County Schools and Union Grove High School Handbooks.

Not choosing to follow the rules will result in four-step and/or office referral:

- 1st — Warning and documentation
- 2nd — Conference with student and call home
- 3rd — Action Form, after-school detention, and/or call home
- 4th — Administrative referral

Technology and Cell Phones

All students will be receiving a HP Chromebook to use for this school year. The student is responsible for bringing their HP Chromebook to class each day fully charged starting August 30th. Chargers will not be provided in class. Students are expected to follow all Henry County handbook rules concerning technology as well as the policies outlined in the Supplemental Learning Device handbook. Digital Citizenship rules will be strictly enforced. As the classroom teacher, I may have additional rules and policies that pertain to my classroom only. A separate letter will go home explaining those rules and how they apply to my classroom once learning devices have been distributed.

There are times when BYOT can be utilized in class which is at the teacher’s discretion. Permission to use technology must be given by the teacher first. It is the expectation that all cell phones/laptops be put up and not in use or visible in the classroom unless instructed so by the teacher. Repeated failure to follow this expectation will result in consequences as outlined by the Union Grove Student Handbook.

NO FOOD or DRINK!!! (CLEAR water in its original container is allowed)

**The teacher reserves the right to adjust or modify these policies to better accommodate students’ needs. **

Cut here and return completed and signed.

I have read and understand all of the objectives, requirements, and expectations for the course

_____ taught by _____.

Student signature

Date

Parent signature

Date

Parent Information (a parent must fill-in the following)

Parent(s) Name

Contact Number(s)

E-mail(s)
