

GSE Analytic Geometry Syllabus
Mr. Gestwicki (Mr. G), Mr. Presley (2,4 periods)

Room 211

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Class Overview: *Analytic Geometry is the second course in a sequence of three high school courses designed to ensure career and college readiness. The course embodies a discrete study of geometry analyzed by means of algebraic operations with correlated probability/statistics applications and a bridge to the third course through algebraic topics. The standards in the three-course high school sequence specify the mathematics that all students should study in order to be college and career ready.*

GSE Analytic Geometry Curriculum Map

Unit 1 (4 weeks)	Unit 2 (1 week)	Unit 3 (2 weeks)	Unit 4 (1 week)	Unit 5 (4 weeks)	Unit 6 (1 week)	Unit 7 (1 week)
Similarity, Congruence, and Proofs	Right Triangle Trigonometry	Circles and Volume	Extending the Number System	Quadratic Functions	Geometric and Algebraic Connections	Applications of Probability

Overview

<http://www.georgiastandards.org/Georgia-Standards/Frameworks/Analytic-Geometry-Comprehensive-Course-Overview.pdf>

TEXTBOOK: We do not have a text book for this course. Study materials and work will be handed out in class or on the blog. Additional tutorial websites can be accessed from the teacher webpage.

SUPPLIES: Bring all supplies to class **everyday!**

Three Ring Binder with dividers (1½")

Notebook Paper, graph paper, index cards, construction paper,

Pencils, pens, dry erase markers, colored pencils, Hand held pencil sharpener, pencil eraser.

Scientific or Graphing Calculator, I highly recommend is the TI 36X-Pro

Tissue and pocket hand sanitizer.

GRADING:

Summative Assessments – Quizzes , Tests, Graded assignments	45%
Formative Assessments - Class work, Homework and other	35%
EOC	20%

Class work/Homework Policy : Students are expected to be self-motivated. All assignments are intended to prepare you for success. Home work will be assigned almost EVERYDAY from Monday through Thursday and checked frequently and will be entered in IC, If it is missing then it results in zero for the assignment. Students may submit late assignments before the end of the unit for a reduced grade. Late assignments will not be accepted after the end of the unit. Students will be responsible for a homework check on a regular basis.

MAKE UP WORK: It is your responsibility to make up any work missed due to an absence. Students will receive one more day than the total amount of days absent to make up any missed work, provided that the

absence is excused. For example, if you are absent for 2 days, you will have 3 days to make up your missed work when your return. You can also check my blog for weekly lessons and notes.

RETEST POLICY: Students will have the opportunity to retest on any summative exam. Students will be given an opportunity to retest for mastery on each standard. Retest opportunities will only be given after a student completes remediation on a standard. Some examples could include completing extra assigned problems, completing lessons on Study Island or IXL website, USA Test Prep websites, or attending a remediation tutoring session with the teacher. Also students must attend at least one tutorial prior to retaking any assessment.

MASTERY OF COURSE RELATED CONTENT: Students are expected to master the content related to the course Analytic Geometry by the end of the spring semester 2016 and will be given Georgia Milestone Assessment May 2016.

STUDY HALL / EXTRA HELP / TUTORING: I tutor by appointment only, every Tuesday mornings from 7:40 to 8:00. Students are provided extra help at school after school on Tuesdays and Thursdays from 3:30 to 4:30 pm. By other Math teachers in the building.

CLASS EXPECTATIONS and STUDENT RESPONSIBILITIES:

- Be present and Be on time.
 - Attend class daily, Tardy students must have a pass,
- Be prepared
 - Enter classroom calmly, take your assigned seat and take out all the materials required for the class (binder, pencil- sharpen it if needed, calculator, homework)
 - Get started on the warm up.
 - Only materials for this class should be on your desk, all other items should be put away.
 - Cell phones should be silent, in your pockets or hand bags but not visible to the teacher or it would be taken away. **NO CELL PHONES** or electronic devices unless for classroom activities. If out otherwise, student will be written up.
- Be Proactive
 - Follow directions the first time they are given.
 - Keep a safe and clean environment, no food, no gum, no drink other than a water bottle is allowed in the class, No grooming or make up is allowed in the class.
 - Seek help but wait for the teacher to come and help you. Do not become impatient.
 - Make rest room passes before or after the class.
 - When the bell rings wait for the **teacher dismissal**.
- Be Cooperative and respectful
 - Respect all teachers and classmates.
 - keep hands, feet, objects and comments to yourself. No cursing, no loud talking, no noise making and no body contacts in the class.
 - Be attentive, no head down, no sleeping, no covering your head with hood on.
- Be focused / ON TASK-
 - every student should participate in class.
 - No cheating on any assessments, it will be taken as zero and an automatic discipline referral.
 - **ACADEMIC INTEGRITY:** All work is expected to be unique and completed by you.

Cheating is defined as, but not limited to:

- Talking and/or looking around during tests, Using written notes of any form on tests/quizzes when unauthorized, Copying another student's work or answers from the back of the book
- Programming notes and/or formulas into a calculator for a test/quiz.
- Cheating will be taken as zero and an automatic discipline referral.

- I have read and reviewed with my parents and understand the guidelines and expectations within this syllabus.

(Print) Students Name: _____

Signature: _____ Date: _____

(Print) Parent /Guardian Name: _____

Parent /Guardian Signature: _____ Date: _____

Parent Contact Number: cell _____ work _____

Parent E-mail (please print clearly): _____

- I have read and reviewed with my parents and understand the guidelines and expectations within this syllabus.

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