**TEXTBOOK**: ‘Analytic Geometry – Georgia Edition 2014’ by Holt McDougal.

**CALCULATOR POLICY**: Students will need to use a calculator for this course. The appropriate calculators for this course are the – **TI-30X IIS**, or the **TI-30XS MultiView™**(recommended). TI-84 are good calculators to use because these will be useful for future courses as well. Also, students are required to **obtain their own personal calculator** as they will not be provided by the school or teachers. Please visit the Calculator policy information on the following website for more information: <http://www.cobbk12.org/pope/calculator_policy.aspx>

**COURSE BREAKDOWN**: (subject to change)

*FALL SEMESTER*

Unit 1:  Transformations in the Coordinate Plane (~ 3 weeks)

Unit 2:  Similar Figures and properties   (~ 2 weeks)

Unit 3:  Proving Triangles similar and congruent (~ 3 weeks)

Unit 4:  Properties of lines angles, triangles and parallelograms (~4 weeks)

Unit 5:  Constructions (~2 weeks)

Unit 6:  Right triangle Trig (~ 3 weeks)

*SPRING SEMESTER*

Unit 7: Circle Properties (~4 weeks)

Unit 8: Surface Area and Volume (~2 weeks)

Unit 9: Algebraic Connections (~4 weeks)

Unit 10: Probability (~3 weeks)

Unit 11: Factoring (~2 weeks)

(Units 2, 3, 4, and 9 will also include proofs)

**GRADE BREAKDOWN**:

Assignments 10% \*(homework, classwork, projects, anything other than a quiz or test)

Quizzes 25%

Tests 45%

Final Exam 20% \*(Final Exam in class for Fall semester // EOC in spring)

**CHEATING POLICY:**  Cheating is a serious offense and will result in a grade of zero for the assignment as well as referral to the administration. Cell phones are NOT to be on your desk at any time during class unless directed to be. Finishing a test or quiz before other students DOES NOT give a student the permission to use their cell phone for any purpose! You can refer to the academic honesty policies in the student handbook for more details.

**PREPARATION/ORGANIZATION FOR CLASS**: Students should come to class with their notebook, binder, paper, pencils,(no pens) and calculator every day. It is also recommended that each student use a separate/specific notebook for this course. Students are required to take an EOC at the end of the school year and should be using material obtained throughout the year as additional study material.

**ASSIGNMENTS**: Each day students are given assignments to complete the mastery of the topics being studied. It is important to complete the assignments before the next class. Note that these are called assignments and not homework. There will be opportunities to work on assignments occasionally in class and throughout the school day; use your time wisely. Homework can be checked in multiple ways: daily check, homework quiz, graded, etc.

**QUIZZES/TESTS:**

Quizzes will be announced. Most units will have one or two quizzes. Quiz grades may be replaced after the test if the test grade was higher than the quiz grade. However, it serves you better to be prepared the first time and score highly on quizzes! Tests will be given at the end of each unit. They must be completed during the class period; therefore, students need to be familiar enough with the material to maintain reasonable pacing throughout the test and avoid running out of time. It is advised that ALL homework assignments be completed during the unit of study to ensure that the student has sufficiently practiced the skills necessary to be successful for the test. Make up test MUST be taken prior to the following unit test.

**ATTENDANCE**: It is important that students come to class daily. If a student misses class he or she is expected to obtain the notes and assignments for that day. If a test or quiz is missed students will take it at their teacher's convenience.

**BEHAVIOR**: Students are expected to be on time, remain on task, follow instructions, and be respectful in the classroom. No cell phone or music players are allowed to be used in the classroom unless approved by the instructor. Continuing use of a cell phone without the permission of the classroom teacher will result in referral to the administration.

**EXTRA HELP**: Students are encouraged to seek extra help from the teacher as needed. Academic Opportunity is available as well as times before school most days. Please schedule a time with your teacher no later than the end of school the day before you would like to meet.