

Geometry – Mr. James

Expectations and Standards

Course Description:

This is a New York State Regents course, aligned with the NYS Common Core Learning Standards, designed for freshmen and sophomores who have successfully completed the Algebra I regents course and exam. This course is meant to employ an integrated approach to the study of geometric relationships. A major emphasis of this course is the investigation of both two-dimensional and three-dimensional objects. Reasoning and proofs (both coordinate and Euclidean proofs), properties of triangles, quadrilaterals, and circles will be thoroughly studied. Students will use the traditional tools of compass and straightedge for fundamental constructions to make use of, and to reinforce understanding of geometric properties. Geometry runs for 2 semesters (1 school year) and concludes with a state regents exam in June.

Calculators:

Scientific calculators The TI-30XS scientific calculator is required for this course. If a student does not already have one, they are available in many stores for less than \$20. (See Mr. James ASAP if there is an issue.)

Graphing calculators Graphing calculators are not required for this course.

NOTE: Students are responsible for the replacement cost of lost or damaged school calculators.

Grade Standards (each marking period):

Participation: 20% - attendance, on-task, ask/answer questions, prepared (see below)

Homework: 20%

Quizzes: 30%

Tests: 30%

A final exam will be given which will count for 1/3 of the final grade.

Classroom Expectations:

- Start of class – Be *on time* and *prepared*
(3 things: laptop, workbook, pencil/eraser)
- Lesson time - Pay complete attention
- Class work time - Be on task
- Always - Follow directions the first time

Cell Phones: Cell phones may be out ONLY during class work time and for LIGHT use only. Cell phones may NEVER be used for phone calls, pictures, videos or audio recordings. If these rules are abused, cell phones will be completely banned from class.

Academic Honesty: Cheating will result in a grade of zero and parental notification.

Failure to meet these expectations will result in a lower participation grade, parental notification and other appropriate consequences as determined by teacher.