

CENTRAL HIGH SCHOOL

**INFORMAL GEOMETRY**

JOE HANEY

**COURSE SYLLABUS**

**Course Description:**

Informal Geometry provides an introduction to basic geometric topics including language, classification and properties of polygons, congruence, similarity, parallel lines, area and volume, right triangle trigonometry and coordinate geometry. This course uses an informal approach, which is not dependent on formal geometric proof.

**Required Class Materials:** Notebook or lose-leaf paper, pencils, scientific calculator

**Text:** Geometry Concepts and Skills (McDougal Littell)

**Course Outline:**

- 1) Basics of Geometry
- 2) Segments and Angles
- 3) Parallel and Perpendicular Lines
- 4) Triangle Relationships
- 5) Congruent Triangles
- 6) Quadrilaterals
- 7) Similarity
- 8) Right Triangles and Trigonometry
- 9) Polygons and Area

### **Classroom Expectations:**

- Be respectful
  - To your peers and the teacher and respect will be returned
- Be prepared
  - Come to class with the materials listed above and ready to learn
- Be prompt
  - Come to class on time. I expect you to be in your seat when the bell rings.
  - Tardies will not be tolerated and will be dealt with the same as any other discipline problem (see below)
- Be responsible
  - Bring your completed assignment to class
  - Take responsibility for your own learning . if you are lost or behind come see me for help, that is what I am here for
- Participate
  - Take an active appropriate role in class

### **Grading and Makeup Policies:**

1. Daily notes should be kept in a notebook for math only.
2. There is an assignment due every day which you are expected to have completed. These will be graded based on completeness or for points.
3. Unless otherwise stated there will be a chance to ask questions everyday before your assignment is turned in.
4. Late work WILL be accepted but at a reduced value of 75% of what you would have earned.
5. If you are absent it is your responsibility to get the assignment for the day(s) you missed either from me or the office and be prepared for the next class period.
6. You are responsible for tests, quizzes or assignments the day of the absence. See Mr. Haney if you have any questions.
7. If you are unexcused there will be **NO** chance to make up missed work.

\*\*\*Homework will be 25% of your grade, Quizzes are 30%, and Tests are 45%.

**Instructor Contact:** I am available before school everyday between 7:30 and 7:45am. My email address is [jhaney@cusd4.org](mailto:jhaney@cusd4.org) and can be reached by phone at 815-694-2321.