

**Academic Geometry**  
**Mrs. Cope**  
**2024-2025**

**Contact Information**

The best way to reach me is through Canvas Messages. I can also be reached by phone at 412-896-2349 or by email at [scope@efsd.net](mailto:scope@efsd.net).

**Course Description**

Topics covered are aligned to the PA Core Standards:

- UNIT 1 - Essentials of Geometry
- UNIT 2 - Measuring Length and Area/Surface Area & Volume of Solids
- UNIT 3 - Parallel and Perpendicular Lines
- UNIT 4 - Congruent Triangles
- UNIT 5 - Relationships Within Triangles
- UNIT 6 - Similarity
- UNIT 7 - Right Triangles and Trigonometry
- UNIT 8 - Properties of Circles
- UNIT 9 - Arc Length, Area of a Sector & Geometric Probability

**Classroom Expectations**

My classroom expectations are defined by our school-wide BRAVE expectations:

*Be Safe*: Listen to staff, Maintain personal space

*Respect Others*: Be on time, Be polite, Use appropriate language and tone

*Accountable*: Be prepared, Be honest, Do your own work,

*Victorious*: Do your best work, Celebrate academic success

*Enthusiastic*: Have a positive attitude, Take ownership of learning

Special consideration needs to be given to the importance of Academic Integrity. I expect all my students to hold their work and learning in the highest regard. The following are the Academic Integrity expectations for this course:

- Do your own work
- Take pride in your work
- Show your work
- Ask for help if you are confused
- Help you peers to understand their work
- Do no copy or take pictures of someone's work
- Do no discuss test questions or answers
- Do no just give answers or air drop
- Do not give up
- Do not give your completed work to someone

Any violations of BRAVE expectations or Academic Integrity expectations will be handled as defined by the EFHS student handbook.

## **Course Structure**

Canvas modules will be published weekly. In these modules, you will find a playlist. This playlist will outline what we will be completing during the week. It will list all tasks for the week. It is very important that you review the playlist at the beginning of every week and use it to keep on track. As long as you are present and use your class time wisely, you should have very little work to do outside of class. Tasks for the week will be due on the Sunday following that week at 11:59pm. Late work will receive -1 point for every calendar day late.

**Grades:** Grades are determined by a combination of tests, quizzes, class work/homework, and projects. Each category is weighted. 50% of your marking period grade will be tests and quizzes, 50% will be class assignments, projects and participation.

## **Assignments**

Assignments and practice are graded on effort. These assignments and practice are given to hone your skill and understanding. I will gladly go over questions from assignments on request either individually or as a class. If you do not understand a question from a practice, ASK!

## **Tests and Quizzes**

Tests will be given at the end of every unit. The tests will be a combination of both multiple choice and open-ended questions. Content on a test will be cumulative and therefore will assess a student's knowledge on both material from the current unit and from any previous unit taught.

Quizzes will be both announced and unannounced. Content for the quizzes will mainly focus on the current content being covered in class at that time.

When you are absent on the day of a test or quiz or on the day prior to the test when the class completed the review, you will be expected to make arrangements with me to make-up the test or quiz on your own time. Because of the pace of this course, you would miss valuable new information if you were to take the make-up during class time.

Due to the high percent allotted to test/quizzes in the grading, you are permitted to re-take ONE TEST/QUIZ each marking period. There will be no re-tests given the last week of any marking period.

## **Help Available**

If you are ever feeling like you do not understand or are struggling in this course, let me know as soon as possible. We will make arrangements to get you the additional help you need. The longer you wait to get help, the harder it will be to get you up to speed.