

**Geometry Course Syllabus**  
**Instructor – Ms. Dianne Retuta**  
[dretuta@gmail.com](mailto:dretuta@gmail.com)

**Tutoring Hours:** Tuesday and Thursday  
7:45 – 8:30 am

**Course Textbook:** Geometry; Larson, 2007; McDougal Littell  
Including Supplemental Materials

**Course Description:**

The course content of Geometry will include the study of Euclid’s postulates and theorems as the basis for an axiomatic system. Students will explore geometry through inductive and deductive processes, using proofs and making algebraic connections where appropriate. Topics of investigation include logic, line relationships, triangles and other polygons, congruence, similarity, and coordinate geometry. Students will use trigonometric ratios to solve triangle problems and apply knowledge of area, volume, geometric probability, and geometric relationships to solve real-life problems. Students will also use technology, constructions, and manipulatives to justify their processes.

**Absence Policy:**

Attendance will be closely monitored at all time to receive course credit. While individual circumstances will be examined on a case-by-case basis, course level mastery is unlikely with more than **five** unexcused absences.

**Evaluation:**

Student achievement in this course will be measured using multiple assessment tools including but not limited to chapter tests, cumulative tests, quizzes, homework, classwork, portfolios, projects, and open ended questions. The percentage factors are the following:

<b>Projects/Tests</b>	<b>30%</b>
<b>Quizzes</b>	<b>30%</b>
<b>Classwork/Homework</b>	<b>30%</b>
<b>Participation</b>	<b>10%</b>

## **Academic Integrity and Plagiarism:**

Any substantiated case of plagiarism – whether intentional or unintentional – may result in loss of course credit.

## **Standard Grading Scale:**

A	100 – 93
A-	92 – 90
B+	89 – 87
B	86 – 83
B-	82 – 80
C+	79 – 77
C	76 – 73
C-	72 – 70
D+	69 – 67
D	66 – 64
F	63 and below

## **Course Supply Request:**

- 3 – Ring Binder
- Dividers
- Pocket Folder
- #2 Pencils
- Ball Point Pens (Blue or Black)
- Highlighters
- Erasers
- Colored Pencils
- Loose leaf, notebook paper
- Graph Paper
- Spiral Notebook
- Graphing Calculator (TI-84 Plus)