

MA 061: Geometry I**Winter 2016-17****Instructor:** Sarah Brewer**Email:** sbrewer@asms.net (best way to contact me)**Office:** S201**Phone:** 251.441.2127**Course web site:** brewermath.com**Office Hours:** 7th period MonTuesWedFri; 2nd period Thurs; 3:45 Wed**Math Lab (free tutoring):** Monday-Thursday 7:00-9:00pm in S201**Khan Academy Coach Code:** TDXMZZ

Course Description: Geometry I is an introduction to Euclidean Geometry, including the nature of reasoning and proof involved in the study of geometry. Topics covered include congruent and similar figures, parallel lines, and planes, plus an introduction to the study of area, volumes, and transformations involving both investigations and deductive proof. Prerequisite: none.

Text: Harold R. Jacobs, *Geometry: Seeing, Doing, Understanding*, 3rd ed.

Coverage: Chapters 1-11

Grade determination:

Homework (~weekly)	~10x10 points each	Quizzes (~weekly)	5-10x10-20 points each
Tests (best ¾)	3x100 points each	Final Exam	1x200 points

Homework will be assigned daily and collected or checked (usually) each Friday. All submitted assignments should be labeled neatly with your name, date, textbook chapter & section, and problem numbers. Homework grades may be based on either completion and/or accuracy. Since some textbook problems assigned have answers in the back of the book, students should check their own work for accuracy before submission. Credit will not be given for answers copied from the back of the book or from another student. Show all of your own work. Some assignments may be submitted via turnitin.com. Some assignments will be completed on Khan Academy. Late homework will not be accepted.

Quizzes will be given regularly and will be a combination of theory memorization (rules, definitions, and formulas) and problems similar to and directly from homework assignments. Quizzes can occur any day of the week and may be announced or unannounced. There will be no make-up quizzes. If you miss a quiz with an excused absence, you will have fewer total possible points. Quizzes missed due to unexcused absences will receive a grade of 0.

Tests will consist primarily of material covered since the prior test, but will also include some review questions. The final exam will be comprehensive. If we have time for four tests, the lowest of the four tests will be dropped. Tentative test dates: Week 3, Week 6, Week 8, Week 11

Make-up policy: Any quizzes or tests missed due to unexcused absences will receive a grade of zero. There will be NO make-up quizzes. Homework assigned during a student's absence must be turned in when the student returns to class. All assignments can be found on my web site calendar. Arrangements to make-up tests must be done BEFORE the test is missed. In case of unexpected illness, this can be done via email.

Note: make-up assignments will, in general, be more difficult than the original.

Cell phone policy: Phones should be SILENT (not on vibrate) and away. I reserve the right to confiscate any phone that I deem a distraction. Use of cell phones during quizzes or tests will result in a grade of zero.

Attendance and Tardiness Policy: Three tardies count as one unexcused absence. A student with three unexcused absences may be assigned a grade of WF for the course. Students are responsible for acquiring any missed notes and assignments (as these are posted on the web, this should not be a problem).

Geometry I Winter 2016-17 Tentative Schedule

Week 1 – 11/7-11

- Ch 1 – Intro to Geometry

Week 2 – 11/14-18 (short day)

- Ch 2 – Nature of Deductive Reasoning

Week 3 – 11/8-12/2

- Ch 3 – Lines & Angles

Week 4 – 12/5-9

- Ch 4 – Congruence

Week 5 – 12/12-16 (short day)

- Ch 5 - Inequalities

Week 6 – 01/5-6

- Ch 6 – Parallel Lines

Week 7 – 01/9-13

- Ch 7 – Quadrilaterals

Week 8 – 01/17-20

- Ch 8 - Transformations

Week 9 – 01/23-27

- Ch 9 – Area

Week 10 – 01/30-02/3

- Ch 10 – Similarity

Week 11 – 02/13

- Review
- **Feb 14-17 - Final Exams**