



Advanced Geometry and Geometry - Fall 2014

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COURSE DESCRIPTION

In Geometry, students will develop reasoning and problem solving skills as they study topics such as congruence and similarity, and apply properties of lines, triangles, quadrilaterals, and circles. They will also develop problem solving skills by using length, perimeter, area, circumference, surface area, and volume to solve real-world problems.

CLASSROOM EXPECTATIONS

1. Come to class each day prepared with the following:
 - Composition or spiral notebook dedicated for your math notes
 - Pencil
 - Colored (other than blue/black) pen or highlighter
 - Calculator with Trigonometric functions (I do NOT loan out calculators on test/quiz days).
 - Notebook paper
 - Graph paper and straight edge (ruler) if drawing straight lines.
2. Notes out and ready.
3. Homework turned into the "inbox" at the back of the room at the beginning of class.
4. Behave in a Christ-like manner at all times. Be respectful of people and property.

GEOMETRY TEXTBOOK

You will be issued an electronic textbook. This textbook can be downloaded to *one* device of your choice (laptop, iPad, or computer). We have a classroom set of textbooks to use during class. If you need to borrow a book and take it outside of our room during the school day, you may sign one out. You are responsible for this book until you sign it back in.

There is also a website where you can access the book.

<http://my.hrw.com>

sign on: scsstudent

password: shiloh

REMIND

I use a service called Remind (www.remind.com) quite regularly throughout the school year for quick reminders, notification of change of plans, send encouraging word, etc. I am requiring each student to sign up for this service. What's great is that I can text you without you knowing my cell phone number or me knowing yours! Your parents/guardians are also welcome to sign up.

Using your cell phone, text the specified message to the phone number (559) 512-7592

- 2nd Period Geo: "@mrshellha"
- 3rd Period Geo: "@2b476"
- 4th Period Adv. Geo: "@advgeope"
- 5th Period Adv. Geo: "@advgeop"
- 7th Period Geo: "@geoper7"

Email service is also available

- 2nd period Geo: www.remind.com/join/mrshellha
- 3rd Period Geo: www.remind.com/join/2b476
- 4th Period Adv. Geo: www.remind.com/join/advgeope
- 5th Period Adv. Geo: www.remind.com/join/advgeop
- 7th Period Geo: www.remind.com/join/geoper7

GRADES

The Semester average is determined by the following percentages:

Cumulative semester average:	80%
Semester final exam:	20%

Cumulative Semester grades:

Assignments	20%
Quizzes	30%
Tests	50%

Assignments (20% cumulative semester average)

- NOTES: Taking notes while watching the video lessons is an essential part of your education. Quizzes over the notes will be periodic and unannounced. You will be allowed to use *your* notes on these quizzes. The quiz grades will be entered into the assignments category of the grade book.
- There will be classwork assignments (homework) almost every day. Each assignment is worth the number of problems assigned. If an assignment is incomplete or one day late, at most half-credit will be awarded. If an assignment is more than one day late, 1 point will be awarded.
- Answers to MOST problems will be in the back of the book. If you fail to show your work to any problem, you will not receive credit for it.

- ***Extra credit*** is offered throughout the year will be entered into the assignment category of the grade book. There will be extra credit assignments offered for each section we learn.

Assignment Procedure (we will practice this procedure for the first 1-2 weeks of class)

Step 1: Carefully read and do a homework problem in pencil.

Step 2: Check your answer in the back of the book (if it's not there, mark the problem "NIB").

Step 3: Using a red pen, score your work.

** GOT IT ON THE 1ST TRY (I got the problem right the first time I tried. I completely understand the problem).

* GOT IT ON THE 2ND TRY (I got the problem wrong, did the problem over in red pen and understand my mistake. I understand the problem now. You can see my original pencil work and red corrections.)

X STILL DON'T GET IT (I tried my best but the book says my answer is wrong. I can't find my mistake. I will get help on this problem from a teacher, tutor, friend, or family member.)

Step 4: Repeat the process for each homework problem.

Step 5: At the top of your homework, write a fraction showing how many of the problems you understand (1st or 2nd try both count) out of how many problems were assigned. I will grade the "NIB" problems and add them to your grade.

Quizzes (30% cumulative semester average)

- There will be at least 2 quizzes per chapter; first-half and second-half of the chapter.
- Quizzes are composed 70% entirely of problems from homework. That means, if you understand your homework you should be able to get at least 70% on the quiz.
- If there are NO missing assignments (denoted by an "M" in the grade book) the lowest quiz grade will be manually dropped at the end of the semester

Tests (50% cumulative semester average)

- Tests will be announced approximately one week in advance. There will be one test at the end of every chapter, planning for 5 tests each semester.
- Following every test you have the opportunity to correct (in red pen) any solutions that received less than full credit. Students can raise a poor test grade up to a 70% by coming getting help from the teacher, tutor, parent, or classmate. Once students have corrected their work and demonstrated an understanding of the material they must take a new version of the test to confirm their understanding for the record. Students receiving a 70% or greater on the retake will have the previous grade replaced with a 70%.
- Students have 1 week after receiving their original test back to make corrections, then one additional week in which to complete the retake. The students are responsible for making arrangements with the teacher to work on corrections and retake the test.

Make-up work

The student is responsible for obtaining all make-up work. The lesson plan/homework assignments are posted in the classroom at the beginning of each week. The lesson plan/homework assignments are also be available on RenWeb. For homework, students will have time to complete their assignments equal to the time missed. A student with an excused absence for a test or quiz that was announced while they were present will be expected to take the test or quiz when they return (as defined in the student handbook). If other arrangements need to be made to makeup tests/quizzes, they must be made in advance.

Missing work

Quizzes, tests, homework, etc. that are not completed by the due date will be entered into the grade book with an "M", worth zero points. If the student has an excused absence, that "M" will be changed into the grade the student earns when the work is completed in a timely manner and turned in.

Geometry/Advanced Geometry Course Outline, Fall 2013	
8/19-22	Procedures, questions, get to know each other. Flipped Classroom <i>"stuff"</i> Chapter 1, Essentials of Geometry. <ul style="list-style-type: none"> Sections 1.1 through 1.3
8/25-29	Chapter 1, Essentials of Geometry. <ul style="list-style-type: none"> Quiz over sections 1.1-1.3 Sections 1.4 through 1.5
9/2-5	Labor Day! Chapter 1, Essentials of Geometry. <ul style="list-style-type: none"> Sections 1.5 through 1.6 Quiz over sections 1.4-1.6
9/8-12	Spiritual Emphasis Week Chapter 1, Essentials of Geometry. <ul style="list-style-type: none"> Test over chapter 1
9/15-19	Chapter 2, Reasoning and Proof <ul style="list-style-type: none"> Section 2.1-2.4 Quiz over sections 2.1-2.4
9/22-26	Chapter 2, Reasoning and Proof <ul style="list-style-type: none"> Sections 2.5-2.7 Quiz over sections 2.5-2.7
9/29-10/3	Chapter 2, Reasoning and Proof <ul style="list-style-type: none"> Test over chapter 2 Chapter 3, Parallel and Perpendicular Lines <ul style="list-style-type: none"> Sections 3.1-3.2
10/6-10	Chapter 3, Parallel and Perpendicular Lines <ul style="list-style-type: none"> Section 3.3 Quiz over sections 3.1-3.3 Sections 3.4-3.5
10/13-17	Chapter 3, Parallel and Perpendicular Lines <ul style="list-style-type: none"> Section 3.6 Quiz over sections 3.4-3.6

10/20-24	Chapter 3, Parallel and Perpendicular Lines <ul style="list-style-type: none"> • Test over chapter 3 Chapter 4, Congruent Triangles <ul style="list-style-type: none"> • Sections 4.1-4.3
10/27-31	Chapter 4, Congruent Triangles <ul style="list-style-type: none"> • Section 4.4 • Quiz over sections 4.1-4.4
11/3-7	Chapter 4, Congruent Triangles <ul style="list-style-type: none"> • Section 4.6-4.9
11/10-14	Chapter 4, Congruent Triangles <ul style="list-style-type: none"> • Quiz over sections 4.5-4.9 • Test over chapter 4 Chapter 5, Relationships with Triangles <ul style="list-style-type: none"> • Sections 5.1
11/17-21	Chapter 5, Relationships with Triangles <ul style="list-style-type: none"> • Quiz over sections 5.1-5.3 • Sections 5.4
11/24-25	Wed-Friday, Thanksgiving Break! Chapter 5, Relationships with Triangles <ul style="list-style-type: none"> • Sections 5.5-5.6
12/1-5	Chapter 5, Relationships with Triangles <ul style="list-style-type: none"> • Quiz over sections 5.4-5.6 • Test over chapter 5
12/8-12	Review for Final Exams
12/15-19	Final Exams