



HONORS GEOMETRY COURSE SYLLABUS

COURSE OVERVIEW & INSTRUCTIONAL GOALS

This course provides a strong foundation in the essentials of Geometry. It prepares students for the rigors of Honors Algebra 2. This class moves at a brisk pace so it is imperative to keep up with assigned practice problems, study notes daily and to allot study time for exams. Topics are aligned with both state and Common Core standards. This course earns students $\frac{1}{2}$ credit per semester for high school credit. It is also recognized as a math course that meets college entrance requirements. (Note colleges/universities do not recognize grades below C.)

At the end of this course, you will be able to:

- Identify and use properties of Geometric Figures to calculate lengths and measures
- Apply Geometric Logic/ Write Geometric Proofs
- Explore, analyze, and apply advanced properties/formulas for 1, 2, and 3 dimensional figures
- Identify and determine congruence and similarity in Polygons
- Find missing side lengths and angle measures using Trigonometric Properties
- Analyze complex diagrams and apply appropriate properties/formulas to solve problems

NEEDS AND RESOURCES

Prerequisite courses, knowledge, and skills:

To successfully complete this course, you must

- Earn an A or better in both semesters of Algebra 1 or a B or better in both semesters Honors Algebra 1.
- Take responsibility for honoring proper placement recommendations to ensure success
- Complete the summer review packet.

Required Materials

To help you successfully complete this course, you will need...

- Notebook for storing handwritten notes
- Writing implement (preferably pencil)
- Assignment due for the day
- Scientific Calculator (2nd semester only)

Print/Online Resources

- Online textbook: <http://my.hrw.com> (Hardcopy is available upon request)
- Online resources: <http://my.hrw.com> (To access HW assignments, lesson tutorials, extra practice, and practice for exams)
- Khan Academy/www.khanacademy.org (great for extra help)

COURSE SCHEDULE

Semester 1: Chapters 1-7

Semester 2: Chapters 8, 10-13

POLICIES AND PROCEDURES

Classroom Rules & Procedures:

At all times, students must act in accordance with Fountain Hills Unified School District and Fountain Hills High School policy (refer to student handbook). In addition, class expectations are as follows:

- Be considerate and respectful at all times. **No side conversations during instruction.**
- Cell phones and other electronic media need to be off when class begins. Students using electronic media during class time will lose participation points for that day.
- No food or drink in class (water is allowed).
- Be seated and prepared to work when final bell rings. Bellwork is graded and unverified tardies will receive zero on bellwork problems for the day.
- Complete assignments by their due date. Late assignments will receive 75% credit. Absent work is due according to policy in student handbook.
- Cheating on tests or quizzes will result in automatic zero. **Any cell phone or electronic device usage during test is automatically considered cheating. The exam will be graded as zero!**

Homework:

Homework is practice and is graded for completion, not accuracy. Time and study outside of the classroom will be required for HW completion. Homework and bellwork are grades as assignments.

Assignments (and exams) are listed on POWERSCHOOL and are posted weekly in the classroom. POWERSCHOOL assignment listings are updated approximately one week in advance. Homework completion earns full credit (100%) only if submitted on its due date. Late assignments incur a 25% penalty for students who were present when the assignment was issued.

Excused absentees have the same number of days to make up the work as the number of days absent. Absentees need to consult POWERSCHOOL to view the missed work assigned. In addition, absentees need to log onto <http://my.hrw.com> with their school 205 account and watch the online lesson videos to catch up on missed instruction.

Participation:

Participation accounts for 5% of the semester grade. Students are expected to bring notebook and assignments to class **every day**. Students need to willingly participate in class activities and refrain from disruption and using ANY personal electronic devices in class without teacher approval (calculators are allowed when appropriate). Students who do not participate properly will lose daily participation points. These points cannot be recovered.

GETTING HELP:

THE APPROPRIATE TIME TO ASK QUESTIONS IS IN CLASS DURING GROUP DISCUSSION. A generous amount of class time is devoted to group discussion. Solutions for the previous day's assignment are thoroughly discussed the next day in class...so have questions ready. Therefore, it is imperative to complete assignments with best effort so meaningful questions can be addressed during discussion. Self-advocacy and self-reliance is expected.

For additional support, the online textbook and lesson tutorial videos are available at <http://my.hrw.com>. (Use your school 205account username and password for access.) If the aforementioned support is not sufficient, competent private or peer tutoring is recommended. Getting together with a “study buddy” or a “study group” can also help. Brief questions can be addressed by e-mailing Mrs. Murray at mmurray@fhusd.org.

BELLWORK:

Bellwork includes all start-of-class expectations including note-taking, warm-up problems, lesson quizzes, or quiz/test prep assignments. Bellwork is scored as one assignment score per week. Students who are tardy to class or who fail to begin working on the Bellwork activity at the start of class will earn zero for Bellwork grade that day. Class time is valuable so it is important for students to be on time and begin the activity presented at the start of class.

QUARTER GRADING: (Using standard grade percentage scale)

Participation average = 5% of the total quarter grade
Assignment average = 10% of the total quarter grade
Quiz average = 30% of the total quarter grade
Test average = 55% of the total quarter grade

SEMESTER GRADING:

1st Semester = 1st Quarter (40%) + 2nd Quarter (40%) + Midterm Exam (20%)
2nd Semester = 3rd Quarter (40%) + 4th Quarter (40%) + Final Exam (20%)

ADDITIONAL INFORMATION

HALL PASS:

Students may **not** use the hall pass during the initial 10 minutes of class or during class instruction. It is best to get drinks and use the restroom during the 6 minute passing period allotted between classes. Students are given 5 Hall Pass Coupons to be used for one semester. To use the hall pass at an appropriate time, students must present their student ID, submit a Hall Pass Coupon, and complete the sign out sheet to use the Hall Pass. Time allotment for Hall Pass use is 5 minutes. It is to be used by only one person at a time and is not valid in the school parking lot, off campus, or for a visit to the Nurse’s Office. A special pass is written for the nurse.

DISCIPLINE:

Behavior problems will be handled individually and in accordance with current High School and District Policy. For an exact listing, refer to your student handbook.

PERSONAL NEEDS:

ALL medication (prescription or over-the-counter) needs to be checked into the nurse's office. Unauthorized medication found on students is considered a substance abuse offense.

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The Falcon Way: accountability, discipline, excellence, integrity, professionalism, respect, and responsibility.

Math is like music lessons: If you don't practice, then you won't learn the song.

Math is sequential: If you have a strong foundation from the previous level, only then will you have the skills to build the next level.

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TEACHER CONTACT INFORMATION

- Mrs. Murray
- Building B/ Room 104
- Office Hours: 2:30-3:15 pm (Mon, Thurs) in room B104
- mmurray@fhusd.org
- 480-664-5559

*Disclaimer: Any of the guidelines listed in this syllabus are subject to change at the discretion of the teacher.

Acknowledgement Form/ Please sign and return

I have read and reviewed the Course Guidelines for Mrs. Murray's mathematics class. If I have any questions or concerns, I will contact Mrs. Murray by e-mail at mmurray@fhUSD.org or by telephone at (480) 664-5559.

Student name (printed): _____

Student signature: _____

Mathematics class: _____

Period: _____ Date: _____

Parent Signature: _____

Parent Phone #: _____

Parent E-mail: _____

Student Computer access from home?

_____ Yes _____ No

*If computer access is not available from home the student will need to use the school library to access necessary online materials.