



## 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 and Algebra 2. This class moves at a brisk pace so it is imperative to keep up with HW practice and to allot study time for exams. Topics are aligned with both state and "AZ College and Career Ready" 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

- have earned a C or better in both semesters of Algebra 1 (Algebra 1 Concepts does not cover Algebra 1 sufficiently for success in Geometry.)
- take responsibility for honoring proper placement recommendations to ensure success

**Required Materials**

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

- Notebook for storing handwritten notes
- Writing implement (preferably pencil)/Pencils are available for 25 cents
- Assignment due for the day
- Scientific Calculator (2<sup>nd</sup> 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 videos, extra practice, and practice for exams)

### COURSE SCHEDULE

Semester 1: Chapters 1-7

Semester 2: Chapters 8, 10-13

## POLICIES AND PROCEDURES

### ASSIGNMENTS/HOMEWORK:

**Assignments are practice and are graded for completion, not accuracy. Time and study outside of the classroom will be required for assignment completion.**

Assignments (and exams) are listed on POWERSCHOOL and are posted weekly on the classroom whiteboard. POWERSCHOOL assignment listings are updated approximately one week in advance. Assignment completion earns full credit (100%) only if submitted on its due date. Late assignments incur a 30% 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.

### BELL WORK/CLASS PARTICIPATION:

Bell work includes all start-of-class expectations including note-taking, warm-up problems, lesson quizzes, or quiz/test prep assignments. Bell work affects the assignment grade per day. Students who are tardy to class, fail to begin working on the bell work activity at the start of class will lose 25% off of their HW grade for the day. Tardiness to class as well as cell phone use during class time affect expected participation and will penalize the assignment score by 25%. Class time is valuable so it is important for students to be on time, begin the activity presented at the start of class, and remain attentive during class.

### 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. Everetts at [meveretts@fhUSD.org](mailto:meveretts@fhUSD.org).

### QUARTER GRADING:

***(Using standard grade percentage scale)***

Homework/Bellwork average = 15% of the total quarter grade

Quiz average = 30% of the total quarter grade

Test average = 55% of the total quarter grade

### SEMESTER GRADING:

1<sup>st</sup> Semester = 1<sup>st</sup> Quarter (40%) + 2<sup>nd</sup> Quarter (40%) + Midterm Exam (20%)

2<sup>nd</sup> Semester = 3<sup>rd</sup> Quarter (40%) + 4<sup>th</sup> 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 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.

### **CELL PHONES AND ELECTRONIC DEVICES**

- Cell phones are to be turned off and stowed away as if you were attending a movie or other performance.
- Cell phones are NOT an acceptable calculator.
- Electronic devices used for entertainment or any items that do not contribute to learning and attentiveness are not permitted in the classroom. Students are here to learn, so respectful attention is expected during class.
- Frequent abuse of these policies will get the item confiscated. Your parent or guardian will be able to retrieve the item in the main office at the end of the school day.
- ANY ELECTRONIC DEVICE OUT DURING AN EXAM WILL BE CONFISCATED AND CONSIDERED AS AUTOMATIC CHEATING. THE EXAM WILL BE GRADED AS A ZERO!

**SUMMARY OF CLASSROOM POLICIES/RULES FOR SUCCESS:**

- Attendance class regularly and be on time.
- Enter class quietly/respectfully and begin bell-work immediately
- Be prepared to learn/ Bring necessary materials each day
- Show respect for *everyone* in the classroom.
- No Gum, Candy, Food, or Drinks. (Capped water bottles only.)
- All electronic devices must be off and stowed away during class.
- Dress appropriately.
- Treat classroom equipment with respect.
- Contribute to a safe and productive learning environment
- Take responsibility for your learning---be attentive, complete assigned work with quality mental effort
- Participate in group discussion/Ask questions in class during discussion
- Take pride in doing your “personal best”. Develop good work ethic/ study habits. (This is an important life skill for your future.)
- Parents and students should **check POWERSCHOOL regularly** to keep informed of student performance.

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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. Everetts
- Building B/ Room 100
- meveretts@fhusd.org
- 480-664-5552

\*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. Everetts's mathematics class. If I have any questions or concerns, I will contact Mrs. Everetts by e-mail at [meveretts@fhUSD.org](mailto:meveretts@fhUSD.org) or by telephone at (480) 664-5552.

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.