

**Courtney Monroe  
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**Room #CC 311  
#623-376-3242**

**Geometry 1-2**

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**Course Description:**

This course is aligned with Arizona College and Career Ready Standards and/or national content standards and supports school-wide efforts to increase student achievement.

**Course Objectives:**

By the time the student completes this course of study, the student will know or be able to:

**Common Core Objectives:**

- Understand congruence in terms of rigid motions
- Prove geometric theorems
- Make geometric constructions
- Understand similarity in terms of similarity transformations
- Prove theorems involving similarity
- Define trigonometric ratios and solve problems involving right triangles
- Apply trigonometry to general triangles
- Understand and apply theorems about circles
- Translate between the geometric description and the equation for a conic section
- Use coordinates to prove simple geometric theorems algebraically
- Explain volume formulas and use them to solve problems
- Visualize relationships between two dimensional and three-dimensional objects
- Apply geometric concepts in modeling situations

**Classroom Rules and Consequences:**

***Activities/Expectations:***

- Be in your seat, ready to work, when the bell rings.
- Keep a great notebook, complete all assignments.

**Classroom Rules:**

- Do not talk when the teacher is talking.
- Come to class prepared (i.e. materials).
- No gum, food, or drink in classroom.
- Electronic devices, other than a calculator, are not to be visible or used in the classroom.
- Show respect for teacher and classmates (Golden Rule).

**Consequences:**

1. Warning
  2. A phone call home and an after school detention with instructor.
  3. A phone call home and a referral written.
- **Instructor will go directly to step 3 when deemed appropriate.**

**Grading:**

Assessments (formative/summative assessments, quizzes, projects) .....80%

Classwork, practice .....20%

**Grading Scale:**

90-100% A

80-89% B

70-79% C

60-69% D

0-59% F

\*grading software rounds up

**Report Cards**

In an effort to conserve resources and harness the capacity of our electronic grade reporting program (PowerSchool) district schools will no longer print hard copies of report cards unless requested by individual parents. To request a hard copy of your student's report card, please contact the front office at 623-376-3000. To receive your PowerSchool login, please stop into the office with a valid photo ID.

**Power School Online Access:**

Grades and attendance may be accessed 24 hours a day online with your Power School access code. Access codes are available in the Counseling Office or Front Desk Monday – Friday 7:00 AM– 3:30 PM. You may check student progress regularly on the PowerSchool site using the same login for one or more students. For Mountain Ridge parents/guardians without home computer access, a computer with guest log-in capability is available in the Counseling Conference Room.

**Test Retake Policy:**

Students may retest each chapter exam. In order to qualify for retaking the test, students must have turned in all homework assignments for that chapter prior to the date of retake. Retest must be scheduled with teacher.

**Late Assignments Policy:** Mountain Ridge students have within the current unit of study to turn in assigned work for full credit, as determined by the teacher, level, and department on campus. The length of the unit of study and due dates will be clearly communicated to students by the teacher. Any assignment less than a week old at the end of a unit will have a one-week submission period.

**Classwork Policy:** In-class assignments may be due by the end of the class period.

Mountain Ridge students have within the current unit of study to turn in assigned work for full credit. However, students will have a minimum of a week to turn in assignments from the assigned due date even if the unit is completed. The unit of study is established by the teacher and the Department on campus.

**Academic Assistance/Office Hours:**

In addition to the Academic Prep times built into our schedule each week, additional assistance/tutoring is provided on a weekly basis by instructors. These “office hours” will be posted in the classroom and/or on my website at the start of each week. I will demonstrate to the students how to find my availability each week.

**Make-up Policy:**

**Absences:** If multiple days are missed, please schedule an appointment with me to formulate a plan for the completion of make-up work and/or assessments. Make-up work for extended absences (over 3 days) may be requested through the Counseling Office and picked up there.

**Recommended Supplies for this Course:**

- Notebook and folder for math
- Scientific calculator/Graphing calculator (TI83-TI84 Plus recommended)
- Compass and protractor
- Pencil (No pen)

**Suggestions for Success:**

- Keep a great notebook with extensive notes
- Complete all assignments
- Ask questions
- Get extra help – before or after school tutoring
- Do not miss class

**Technology:** At times, technology may be integrated into the curriculum to reinforce learning, and may include the use of personal cell phones. Proper usage of technology will be modeled for students before its use. If a violation of school policy occurs while using a cell phone for a curricular purpose, consequences will be enforced in accordance with the Mountain Ridge Student Handbook.

## **Daily Device Use (iPads)**

**Students should come to school with their iPads charged and ready to use in each class every day.** Within each classroom, there are three possible technology environments. Teachers will identify for students the environment expected during their class period. These environments are described below:

**Devices may not be used to record or take photos of other people without their consent. Consequences for classroom disruptions and misuse of devices will follow a progressive discipline model, beginning with a phone call home and progressing to office referrals for repeated or more serious offenses. Students who have devices out during testing, may lose credit on their test or quiz. See the Student Rights and Responsibilities consequence chart in the handbook for more specific descriptions of infractions and consequences.**

**Math/Science Calculator Policy:** Due to district policy students will not be allowed to use cell phones as a calculator on assessments.