

**Courtney Monroe and Donna Callies Room #CC311**

**Voice Mail #623-376-3242**

**Geometry** [courtney.monroe@dvusd.org](mailto:courtney.monroe@dvusd.org) and [donna.callies@dvusd.org](mailto:donna.callies@dvusd.org)

### **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.

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- 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%

Coursework .....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

### Late Assignments Policy:

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In order for **Late Work** to be accepted, students must meet the following parameters:

- Assignment is not due within the class period
- Assignment is not a Long-Term assignment (over multiple weeks)
- Assignment is turned in by the end of the instructional unit
  - The length of the unit of study and due dates will be clearly communicated to students by the teacher. Coursework will be due the day of the next assigned assessment. Assessments include but are not limited to tests and quizzes.

### Test Retakes – Assessment Category Only

The student completes another assessment of the same learning targets. The assessment to be retaken may be in the same format or a different format and will be at the same difficulty level. The higher of the two scores will be entered in the gradebook.

To earn a retake opportunity, a student must complete all of the following:

- o Consult with the teacher
- o Submit a reassessment plan or application, if required by the teacher
- o The reassessment plan may include all formative coursework related to the content/skill assessed

### Reassessment Plan

- o The student must initiate contact with the teacher within 5 school days of the assessment score being posted.
- o The student must communicate with the teacher to create a reassessment plan.

### AI Statement

In Deer Valley Unified School District, we are committed to providing our students with the best possible education while ensuring their safety, privacy, and well-being. As part of our ongoing efforts to enhance learning experiences, we may incorporate the use of Artificial Intelligence (AI) in the classroom for students. However, it is important to approach this technology with caution and adhere to responsible data privacy practices.

DVUSD has determined that the use of Large Language Models (LLMs), such as ChatGPT, is prohibited unless clearly specified by your teacher. Specific guidelines will be provided in the assignment details. If you are unsure if the tool or website you are using is an LLM or if it is permitted on a specific assignment, please contact your teacher before submitting your work.

### 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.

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**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.**

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