



# Deer Valley Unified School District

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**Mr. Travis Randolph**

Room #CC-312

Voice Mail #3108

Geometry 1-2

Email: [travis.randolph@dvusd.org](mailto:travis.randolph@dvusd.org)

School website: <http://www.dvusd.org/mrhs-Randolph>

**Co-Teacher: Ms. Donna Callies**

Email: [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:

- 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:**

- Do not talk when the teacher is talking.
- Come to class prepared (i.e. materials).
- No gum, food, or drink in classroom.
- Only approved electronic devices are permitted (i.e. calculators and iPads)
- 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 written referral

**\*Instructor will go directly to step 3 when deemed appropriate.**

**Grading:**

Grades are determined as a percentage of total points earned:

90-100=A; 80-89=B; 70-79=C; 60-69=D and 59% or less =F.

- No assignments are accepted after the due date. A zero will be recorded for any late assignment.
- Retakes are not permissible on any quizzes, tests, or exams; however, teacher-selected opportunities for composition revisions and rewrites will be made available.

**Grading:**

Assessments (chapter exams, quizzes, projects) 56%

Assignments and activities 24%

Final Exam 20%

**Homework policies:**

- No extra credit
- No late work
- Students will be asked to turn in Homework through Canvas and on paper depending on the assignment.

**Suggestions for Success:**

- Keep a great notebook with extensive notes
- Complete Assignments on time
- Ask questions
- Do not miss class
- Get extra help – before or after school by appointment

**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 retake one chapter exam each semester. In order to qualify for retaking the test, students must have turned in all homework assignments for that chapter prior to the date of the original exam. The retesting must be done on the student's own time and completed *before the next chapter exam*. Maximum percent allowed on retesting is 80%.

**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 both by MRHS and individually by instructors. These office hours will be posted in my classroom, website, and/or Canvas at the start of each week. I will demonstrate to the students how to find my availability each week.

### **Make up and Long-Term Project Policy:**

**Absences:** After an absence, a student has one school day for each day missed to make up work/tests, regardless of the number of days absent. If many days were missed, please schedule an appointment with me to formulate a plan for the completion of make-up work. Make-up work for extended absences (over 3 days) may be requested through the Counseling Office and picked up there.

**Long-term projects** are due on the date and time assigned. No exceptions. This supersedes the make-up policy.

**Technology:** At times, technology may be integrated into the curriculum to reinforce learning. 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.

### **Recommended Supplies for this Course:**

- Notebook and folder for math
- Scientific calculator/Graphing calculator (TI83-TI84 Plus recommended)
- Compass and protractor
- Pencil
- Stylus

**Math/Science Calculator Policy:** *Regarding use on h/w, tests, final exam*

### **Procedures:**

#### **Bathroom Passes**

- Bathrooms will be limited the first 10 minutes and the last 10 minutes of class. To leave the room you must complete the bathroom pass on your Ipad and the sign the sign out sheet located on the front table by the door and give it to be to initial. There will be a sign out sheet for any Bathroom visits.

### **Entering**

You are expected to enter the class in an orderly manner and be in the room before the bell rings. Once the bell rings, you are to begin your bell work.

### **Ending Class**

You are not dismissed by the bell. To be dismissed, you must clean up your work areas, put all supplies back, and be sitting in your correct seat. Only when I see that has occurred and say that you may leave are you dismissed.