Deer Valley Unified School District

Shannon Custer **Room # E219**
Geometry **Email:** shannon.custer@dvusd.org

Office Hours: Monday- Thursday 2:15 pm - 3:15 pm

Course Description:
This course is designed to meet the requirements of the Deer Valley Mathematics Curriculum and is aligned with Arizona College and Career Ready Standards and/or national 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 area, perimeter and volume of regular and irregular polygons
- 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
- Understand transformations, translations, reflections
- Use coordinates to prove simple geometric theorems algebraically
- 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) and on time.
- No gum, food, or drink in the classroom.
- Electronic devices, other than approved items, are not to be visible or used in the classroom.
- Show respect for teacher and classmates (Golden Rule).
- Do not write on/in classroom texts, desks, or walls.

<u>Consequences:</u>

1. Warning
2. A phone call home.
3. A phone call home and a referral written.

* Instructor will go directly to step 3 when deemed appropriate

Grading:

Assignments(practice, warm ups, participation) 25%

*Warm up→ Notes→ Practice

Assessments (quizzes, tests, final) 75%

*3-4 lessons = quiz

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.

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 Policy:

Absences: After an absence, a student will need to do one of the following: a) go to the absence binder and find the completed notes and practice worksheet to add to their binder. b) got to canvas and download completed notes and the practice worksheet to complete. They will have two days to make up for the work missed. I recommend watching the video on the lesson they missed on canvas or meet with me to make up work. Make-up work for extended absences (over 3 days) may be requested through the Counseling Office and picked up there.

Late Assignments Policy: Mountain Ridge students have within the current unit of study to turn in assigned work for full credit. They have until the week before the end of the semester to turn in missing assignments for half credit. The length of the unit of study and due dates will be clearly communicated to students by the teacher.

Assessment Retakes/Corrections: Students may retake or make corrections on any quizzes or assessments within the semester at any time. I recommend they do it sooner rather than later while it is fresh in their minds.

Extra Credit:

Students will have an opportunity to earn extra credit throughout the semester and it will also be posted on canvas too.

Daily Device Use (iPads)

Students should come to school with their iPads charged and ready to use in each class every day. 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. See the Student Rights and Responsibilities consequence chart in the handbook for more specific descriptions of infractions and consequences.

Required Supplies for this Course:

- Ti- 84 Graphing Calculator
- 3-ring binder
- Loose leaf or notebook paper
- Pencils with erasers

Suggested Supplies for this Course:

- Colored pencils
- Highlighters
- Tabs for binders