



Deer Valley Unified School District

Mr. Miller

Room #E101

Voice Mail # (623) 376-3131

Geometry 1-2

Chad.miller@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 Expectations:

Ask questions, respect and listen to your classmates, respect and listen to the teacher, raise your hand to speak, be prepared for class, be quiet when the teacher or other classmates are talking, keep your hands to yourself, respect others' property, be kind, always do your best, be on time, help keep the classroom tidy, be respectful of classmates who are working, have a good attitude, be positive, follow the teacher's directions the first time they are given, be honest, use technology appropriately and finally be proud of your work.

Grade Book Weighting: (District Wide)

80% Assessment

20% Coursework

Grading Scale

100% - 90%

89% - 80%

79% - 70%

69% - 60%

59% - 0%

Due Dates for Coursework: Think of coursework as homework or classwork. Its objective is to get you prepared for the assessment. Coursework will be due prior to the next assigned assessment. Examples of assessments are usually in the form of Unit exam or quizzes.

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:

Aca Prep. Please use this time to get help or make up tests or quizzes. Scheduled tutoring before or after school is not built into this course.

Make-up 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. Late work will be accepted after the deadline but will be subject to a 25% late fee. No late work will be accepted longer than 5 days after the instructional unit ends usually 2 weeks). This year we will have assignments due in class, assignments not turned in will be subject to the 25% penalty.

Test Retakes – Assessment Category Only: The higher of the two scores will be entered in the gradebook. These assessments need to be retaken in class or during AcaPrep but either way need to be scheduled with Mr. Miller. In order to qualify for a test retake, students must have completed all homework assignments for the unit and gone over the original exam with Mr. Miller. Students have 5 days to initiate a plan with the instructor for a retake.

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.

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.

Recommended Supplies for this Course

- Notebook and folder for math
- Scientific calculator/Graphing calculator (TI30 at the least)
- Compass and protractor
- Pencil or other writing utensil
- 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.