



Dear Students and Parents,

Welcome to the new school year! I am excited to be teaching and working at Alpine Academy this year. I am a mechanical engineer passionate about empowering and educating students to become problem-solvers and lifelong learners ready to embrace their academic and career passions. This syllabus will cover an overview of the geometry course and my class expectations.

Course Description

The purpose of the course is to formalize and extend students' geometric experiences from prior schooling. They will explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments (proofs). Topics include rigid motion and transformations, geometric constructions, proving congruence and similarity of polygons and circles, analyzing 2D and 3D objects, introduction to trigonometry, probability, and applications of these concepts to solve problems. Students will be prepared for the Math II End-of-Course exam required by the State of Nevada.

Materials (Students should bring these to class EVERY DAY)

- Pencils and erasers
- Graph paper and lined paper
- Class folder or binder for organization (You will be required to keep track of homework, in-class assignments, notes, and vocabulary)

***Other materials we will use in class will include: calculators, rulers, protractors, compasses, etc. You are welcome to have your own but it is not required.

Grading

The following table shows the how points will be earned toward your grade in the class:

Homework/In-Class Assignments	5-10 points each
Quizzes	50 points each
Tests	100 points each
Final Exam	150 points

***The same letter grade scale will be used as outlined in the Alpine Academy Student Handbook.

***It is your responsibility to keep track of your grade on Infinite Campus. If you have a question or concern about your grade, please reach out to me via email, Remind, or in person.

Homework and In-Class Assignments

These are formative assignments that help form your knowledge of the topics. They will often be graded on completion and effort rather than correctness. Much of the students' work in class will be done in groups, while homework assignments should be completed individually.

Homework Policy

1. Homework will be due at the beginning of class.
2. It should be completed on a separate sheet of paper in PENCIL in clear legible handwriting.
3. Students should show the problem along with all their work to receive full credit.

4. If a student feels unable to answer an assigned problem, he/she should write out what they did not understand or where they got stuck.
5. No late homework will be accepted.

Quizzes

All quizzes are a chance for students to evaluate their understanding of the material at regular checkpoints leading up to the tests. It is also a chance for me to see where students might be struggling most so I can make adjustments as necessary before reviewing for the tests.

*****Quiz Corrections:** Because I want students to get the most out of these quizzes, they will have the option to submit quiz corrections due ONE WEEK after the quiz is returned. They will be able to earn back up to 50% of the missed points.

Tests

Each test will cover all the material from the current unit, but it may also include some review of material that was already covered on prior tests. Students will know the test day ahead of time and will be responsible for deciding how to best prepare in advance.

*****Absences:** Students who are absent on test/quiz days will be expected to take the missed test/quiz immediately upon their return. Students should contact Mrs. Anderson if they have concerns about this.

*****Retakes:** Students must contact Mrs. Anderson to schedule a test retake within 2 weeks of the original test date. They must propose a study plan to improve their score on the retake. Retakes will not be allowed on the final exam.

Absences/Makeup Work

It is the student's responsibility to makeup any work missed due to absences. The student should talk with Mrs. Anderson to arrange a deadline for completing missed work. Students can consult their peers or the class website to see what assignments were done in class and what homework was assigned.

Classroom Expectations

- "Learn how to learn" – This is my main classroom motto. I believe it is more important for students to develop strategies for learning than to love the subject matter and content of the class. With this in mind, every student is capable of succeeding in my class and each individual will require different strategies to achieve success. It is also important that I commit to "learning how to learn" about my students, the subject matter, and my teaching methods.
- Prioritize respect – Every member of the class is to prioritize respect for the school and the rules outlined in the Student Handbook. It is important that each member of the class fosters a community of respect between the teacher, the students, and themselves.
- Demonstrate honesty and integrity – Every member of the class should uphold the honor code and submit their own unique individual work. Each member of the class should demonstrate integrity by being responsible for their behavior and holding themselves accountable to their words and actions.
- Be a collaborator – Every member of the class should contribute from his/her own wealth of knowledge, come prepared to start on time every day, and ask questions early and often. All behavior should contribute to your own learning and the learning of others.
- Become an expert – Every member of the class should use academic language, strive to be engaged and interested, and demonstrate persistence in studying and practicing the material both in class and outside of class.

Highlighted School Rules

- Only water allowed in the classroom, in a clear water bottle with a *good* lid.
- A student is tardy if they are not in their seat with materials ready *AS CLASS BEGINS*. Tardiness results in a 15 minute detention.
- 3 Strike-You're-Out Policy. If a student disrupts the class 3 times, disciplinary action will be taken.
- Refusal to work will result in disciplinary actions.
- School dress code will be enforced at all times.

Class Communication

All students at Alpine Academy will be required to have a professional/academic Gmail account for communicating with their teachers. For this email account students should choose a username that contains only some combination of their name and numbers if necessary. They do not have to use their full name if privacy is a concern.

Students in Mrs. Anderson's class will also be able to contact her directly via her website, or the use of Remind. Mrs. Anderson will also use Remind occasionally to contact students about assignments and tests.

NOTE: All class policies, including those relating to grading, are subject to change.

***Please return this section of the syllabus only

I have read and understand the guidelines and expectations for Mrs. Anderson's Geometry class and have shared them with my parent(s)/guardian(s).

Student Name (please print) _____ Period _____

Student Signature _____

I have read and understand the guidelines and expectations for Mrs. Anderson's Geometry class and have discussed them with my child.

Parent(s)/Guardian(s) Name (please print) _____

Parent(s)/Guardian(s) Signature _____

What is your preferred form of communication? _____

Phone Number(s): Cell _____ Home _____

Email address(es): _____