

Honors Geometry Syllabus

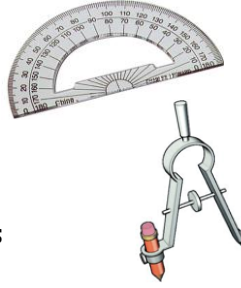
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Course Description: In this course, for students who have successfully completed algebra, we will work on solving a variety of problems and begin to prove various math concepts through deductive and inductive reasoning skills.

Topics Covered

- Foundations and constructions
- Geometric Reasoning
- Parallel and Perpendicular Lines
- Triangle Congruence
- Properties and Attributes of Triangles
- Polygons and Quadrilaterals
- Similarity
- Right Triangles and Trigonometry
- Circles



Required Materials

- Notebook
- Compass
- Protractor
- Pencil
- Dry-erase marker

Grading Policy

- Exams & Quizzes – 70%
- Problem of the week – 10%
- Classwork/Homework – 20%

Grading Scale

- A = 90 – 100%
- B = 80 – 89%
- C = 70 – 79%
- D = 60 – 69%
- F = 0 – 59%

Tardy Policy

Tardy students must sign in on the tardy sheet and quietly take their seat. The TUSD tardy consequences will be followed for repeated tardiness.

Classroom Procedures

Assignments: In class assignments will be completed on lined or graph paper. The student will have an opportunity to ask questions and to correct their mistakes before it is collected. We will also practice what is being learned on the whiteboards.

Homework: Homework will usually be due at the beginning of the following class period. This may be a checked, collected, or self-graded. Late work is accepted until the chapter test for partial credit (max 70% at the discretion of the teacher). If the absence is excused the late work is due the next class for full credit.

Classroom Expectations

| Teacher | Students |
|--|---|
| <ul style="list-style-type: none"> * Prepared to teach an engaging lesson every day * Positive Attitude * Create a safe learning space * Never give up on students | <ul style="list-style-type: none"> * Respect yourself and others * Bring required materials * Participate in activities and complete assignments * Learn, let others learn, and let the teacher teach |
| Behavior Consequences | |
| Positive | Positive |
| <ul style="list-style-type: none"> * Praise * Full Participation Points * Positive Note * Phone call or letter home | <ul style="list-style-type: none"> * Praise * Full Participation Points * Positive Note * Phone call or letter home |

Problem of the Week (POW): Most weeks a POW will be assigned. It is due one week later at the beginning of class. **No late POW's will be accepted!** If you have an excused absence or tardy, it is due the following class period.

Please also check out the backside of the syllabus before signing below! Please cut and return by 9/16!



I have read over the syllabus. I understand and accept the class expectations.

Student's name (PLEASE PRINT): _____

Student signature: _____

Parent/guardian name (PLEASE PRINT): _____

Parent/guardian signature: _____

Parent/guardian contact email: _____

Comments:

Quizzes and Tests: Students should expect a quiz about halfway through each chapter. At the end of every major chapter or section there will be a test. There will also be a midterm and a final exam. Quiz corrections with explanations can earn up to half points back. Tests retakes require corrections with explanations before a retake is permitted. Retake scores: if original is >50% half points back; if original is < 50% the max score is 75%! It is not possible to retake the midterm or final exams.

Absences: The best way to learn the material is to be in class. However, if an absence is unavoidable the best way to stay on track is by checking the website during your absence to see what you are missing. It is also a great idea to have the phone number of a friend so you can check in with them about the missed material.

Technology: Students will have access to a graphing calculator while in my class. We will also occasionally use laptops or the computer lab for assessments and activities. Students should not have music, cellphones or smart watches and are not using other technology unless the teacher approves it for a specific learning activity. Please carefully read the new school cell phone policy outlined on the next page.

Cell Phones: Tucson High Magnet School believes in maintaining a safe and effective educational environment for all of its students, and we as educators understand that cell phones have great utility, but cell phone use has increasingly become a source of distraction in the classroom decreasing student engagement and time spent on learning. To avoid these concerns, I will be enforcing our District Cell Phone Policy. Tucson High Administration has sent home communication regarding the policy explaining how we plan to create a culture of maximizing student learning by enforcing our cell phone free learning environment in the classroom.

We believe this will allow our students to be:

- Engaged in classroom activities and assignments
- Less dependent on electronics to do classwork
- Less likely to engage in conversations around bullying
- Less likely to be distracted and procrastinate on assignments in class

For any emergencies, you can reach your student through the main office at 225-5000 or 225-5002 or they will have access to their phones during passing periods and lunch.

About The Teacher

I grew up in the small town of Miami, Arizona. After high school I attended The University of Arizona and graduated with a major in optical engineering and a minor in math. I spent time traveling then working as an engineer in Japan and California. In my spare time I love to go rock climbing, biking, snow, boarding, hiking and camping. I'm looking forward to getting to know you more this semester!

Contact me! Please feel free to email (best method) me with any comments or concerns and check in on the website. I will do my best to respond within 24 – 48 hours.