

Course: MA36

Title: Honors Geometry

Instructor Name: Lindsay Hamilton

Contact Information: Phone 480-839-4222 ext.68165; email lhamilton@tuhsd.k12.az.us

Office Hours:

	Monday	Tuesday	Wednesday	Thursday	Friday
Before School (7:15 – 7:35)	612	Not Available	612	612	Not Available
Lunch	Not Available	Not Available	Not Available	Not Available	Not Available
After School (2:40 – 3:15)	612	603 and 607*	Not Available	603 and 607*	612

*Rooms 603 and 607 are the Geometry Tutoring Centers for all McClintock students, and will be run by multiple math teachers. Note: Honors Geometry is a different course than Geometry and using the tutoring center may not be as valuable as coming to see Mrs. Hamilton for tutoring.

Note: Office hours are subject to change and students should check with Mrs. Hamilton when tutoring is needed

Materials:

1. Geometry for Enjoyment and Challenge; McDougal Littell and Co., 1991
2. Dry-Erase Markers (a minimum of 2)
3. Dry-Erase Eraser
4. Calculator (Scientific or Graphing)*
5. A 3-Ring Binder, Folder or Spiral Notebook dedicated to Honors Geometry only**

* students will not be allowed to use calculators on most assessments, but may need them during class and homework

** notes are expected to be neat and organized, and may be collected and graded

Course Description:

This course introduces the student to the deductive method of proof with the use of points, lines, and planes. Solid Geometry is integrated with plane geometry to lead the student to consideration of two- and three-dimension figures and to develop the ability to visualize spatial relationships. Other geometries and methods of proof will also be explored. Right triangle trigonometry will be included in this course. Opportunities for creative expression and enrichment will be provided. This course meets the state proficiency standards at the distinction level.

Course Competencies:

1. To develop an understanding of the introductory language of Geometry.
2. To develop an understanding of geometric proofs.
3. To develop an understanding of angles and their characteristics.
4. To develop an understanding of lines and their properties.
5. To develop an understanding of polygons and their properties.
6. To develop an understanding of triangles and their properties.
7. To develop an understanding of circles and their properties.
8. To develop an understanding of areas and volumes of three-dimensional solids.
9. To develop an understanding of two and three dimensional coordinate geometry.
10. To perform basic geometric construction and locus problems.
11. To develop an understanding of problem-solving strategies.
12. To develop an understanding of transformations.

Attendance: Students are responsible for making arrangements with Mrs. Hamilton to make up work/tests missed due an excused absence. Students are responsible for getting the notes from a peer, as Mrs. Hamilton does not keep copies of the notes. See MHS student handbook for absence policies.

Grading: Grades will be weighted and divided into three categories:

1. (60%) Tests:

Students can expect one test per unit. No extra time will be permitted, and students that miss a test day due to an excused absence or SWEEP will receive a zero without the opportunity to make up the test.

2. (20%) Quizzes:

Students can expect up to two quizzes per unit.

3. (20%) Assignments:

Students can expect homework 4-5 nights per week, and homework may be graded on completion and/or accuracy. **Late work will not be accepted.**

Letter grades will be assigned as follows according to school board policy:

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

Semester grades are calculated strictly on quarter and final exam percentages. The weight of each quarter on semester grades is 40%. The final is 20% of semester grade.

Notes

Students will be required to take notes in a 3-Ring Binder or spiral notebook dedicated to Honors Geometry only. Notes may be collected and graded. Daily requirements for notes include the title of the section, the learning goal, all examples clearly numbered and completed, and overall organization and neatness.

Restroom Policy

Students will be expected to stay in the classroom throughout the entire class period. However, students will be given two emergency passes each quarter to be used as needed.

Additional Policies

- Cell phones and other personal electronic devices (such as IPODs, MP3 players, etc.) are not allowed in the classroom and will be confiscated as outlined in the student handbook
- Students are not allowed to be tardy to class and the SWEEP policy will be enforced
- Policies as written in the student handbook will be enforced in this classroom

Return this page to Mrs. Hamilton no later than Friday, August 9, 2013

Please sign below acknowledging you've read and understood the requirements and expectations for the course. Also, providing the contact information requested below will allow me to stay in contact with you throughout the school year.

Student Name: _____

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Contact Information:

Student Cell Phone # _____

Parent #1 Cell Phone # _____

Parent #2 Cell Phone # _____

Parent #1 email address _____ (belongs to _____)

Please provide any other information you would like me to know in order to help ensure success in this class: