**Instructor:**

Jacquelynne Felder

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**Conference Times: At Hendrickson High School**

A-Day: 1st Period

B-Day: 5th Period

**Tutorial Hours:**

W,Th 7:45 AM – 8:15 AM Room 217

**Grading:**

70% Major Grades: tests and projects

15% Minor Grades: class assignments and quizzes

15% Homework

**Course Description:**

Throughout this course, we will be surveying geometric shapes and their characteristics. Topics will include parallel lines, triangles, quadrilaterals, regular polygons, polyhedrons, and transformations. Special emphasis will be placed on relating geometry to the concepts of calculus and statistics.

**Course Objectives:**

By the end of this course, students will be able to solve complex problems involving geometric shapes and concepts. A major emphasis of the course is the use of deductive reasoning in problem solving and in proving theorems and conjectures. Students will also be prepared to continue their mathematical career by applying Geometry topics to all higher level mathematics classes.

**Format and Procedures:**

1. Class attendance is mandatory.  If you do miss a class, it is the student’s responsibility to make up the material and make sure assigned work is turned in on time.
2. The teacher and administrators will handle tardy procedures in accordance with school guidelines.
3. If you miss a test, you are responsible for making arrangements to take the test within two class meetings. If you are absent on the day of the review, you are still responsible to take the test on the assigned day.
4. Students scoring below “70” on a major grade shall be allowed to redo the assignment after completing prerequisite work. The higher grade with a maximum of “70,” shall be recorded. The prerequisite work will include: a) the student correcting the failed test to the instructor’s satisfaction, and b) the student attending at least one 20 minute tutorial sessions with any Geometry teacher. A Geometry teacher’s signature, date and time verification is required to receive credit for each session. Redoing a summative assessment should be completed within 5 days.
5. Homework Policy: Homework will be assigned at each class session. It will be due at the next class session. Homework completed to the satisfaction of Ms. Felder will be given a 100. Incomplete assignments will be returned to the student to be completed as turned in late.
6. Late Work Policy: Students may turn in homework late up to one week (five school days) after the day the assignment was due. Homework turned in late will be given an 80 if completed to the satisfaction of the instructor. If the late assignment is incomplete, Ms. Felder will return the late assignment to the student to be finished. The assignment still must be completed by one week after it was due.

7. PISD and Hendrickson rules regarding cell phones and electronic devices will be strictly enforced in the classroom, meaning Ms. Felder will pick up cell phones and other electronic devices that are out in class and turn them in to the appropriate administrator by 4:30 PM of that day. Students may use laptop computers in class at the discretion of Ms. Felder.

8. Conduct:

1. Be on time and prepared for class to begin as the tardy bell rings.
2. Be respectful to yourself and others.
3. Be responsible for your actions and lessons.

**Course Materials:**

1. Please purchase the following things: composition notebook, writing utensils and thin markers.
2. Most course materials will be provided by the instructor. Use of traditional geometry materials such as rulers, protractors, compasses, graph paper, etc. is limited. Use of a graphing calculator is recommended, but only required when the class studies right triangle trigonometry. On such occasions, students who do not own a graphing calculator may do problem set-up at home and come in during tutoring to use one of the class calculators to finish the assignment. If you have a cell phone you can download the free app for TI 83 or 84 graphing calculator.

**Academic Integrity:**

Each student in this course is expected to abide by the Pflugerville ISDCode of Conduct and Student Handbook with regards to Academic Integrity. Any work submitted by a student in this course for academic credit will be the student’s own work unless otherwise specifically directed by the teacher.