Geometry

Instructor: Amy Witt
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Class fees: The total fee for the class is $400 or $50 per month from August through April, plus the cost of the textbook. There is also a one time supply fee of $15.

Textbook: For right now I have decided to use the VideoText Interactive curriculum. Do not purchase anything until you have discussed with me first. I plan to contact the publisher to try to get a group rate for the textbooks that we will need. If I cannot get an acceptable rate for books, then I will likely change textbooks.

Required Materials: Binder, loose leaf paper, graph paper, pencils, erasers, scientific (ACT approved) calculator. I recommend the TI-30XIIS calculator. If you already have a calculator, do not go and buy a new one. However, if you need one, please consider purchasing this one. It helps so much when all (or most) students have the same model calculator.

Class Schedule: Tuesdays and Thursdays
11:30-12:30
FBC Fannin, 101 Church Rd., Brandon, MS 39047

Course Description: This course is the study of spatial relations. Geometry is a comprehensive exploration of "shapes", the measurements associated with those shapes, and the relationships that can be established between those shapes. This course will begin with the introduction of these shapes and how to build and measure them. Next we will begin our study of "Plane Geometry" by developing all of the necessary terms, definitions, and assumptions we will be using as a basis for studying geometric relationships. These fundamental terms, definitions and assumptions will then be used to develop formal proofs of fundamental theorems. With these fundamental theorems in place we will then begin a complete, methodic investigation of the geometric relationships associated with triangles, other polygons, and circles.

Prerequisites: Students entering this course should have successfully completed Algebra I.

Evaluation: Homework assignments will be given at each class meeting.   Some of these assignments may be taken up and graded. It is the student's responsibility to be sure that their homework assignments are completed before coming to class. I will go over homework questions for the first few minutes of each class meeting. Student grades will be based on graded homework assignments, quizzes, tests and class participation. Because we only have two 1 hour class meetings a week, some of our quizzes and tests will need to be taken at home in order to preserve as much time as possible for classroom instruction. Unless specifically stated otherwise, take home tests and quizzes will NOT be open notes or open book. A parent will need to administer the test or quiz to ensure that the student finishes in a timely manner. I do plan to have a few in class tests and quizzes. It is important that students learn to take timed tests in the classroom environment as they will be expected to do this as part of their college experience.

How to succeed: It is very important that students stay on track and not get behind. These concepts will continually build on each other so it is vitally important that each student obtain a thorough understanding of each concept as we go. If you feel that your student is falling behind, contact me as soon as possible so that we can see that they get the extra help they need in order to be successful in the class. Also, a great online free resource is khanacademy.org.