Geometry

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2019-2020

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COURSE DESCRIPTION: This course uses the College Preparatory Math (CPM) program, which emphasizes student-centered, problem-based, active learning.

UNITS:

Unit 1 Shapes and Transformations

Unit 2 Angles and Measurement

Unit 3 Justification and Similarity

Unit 4 Trigonometry and Probability

Unit 5 Completing the Triangle Tool Kit

Unit 6 Congruent Triangles

Unit 7 Proof and Quadrilaterals

Unit 8 Polygons and Circles

Unit 9 Solids and Constructions

Unit 10 Circles and Conditional Probability

REQUIRED MATERIALS: a 2-inch binder, calculator, writing utensils, and dividers

GENERAL INFORMATION: Proper classroom behavior is expected at all times. Be respectful of others. Students are expected to be on time for class, seated, and prepared for the start of class with required materials. Cell phones are not to be used in class. All WHS rules and policies must be followed.

GETTING HELP: I will be available Monday and Thursday from 2:00 to 2:40 in room 221. In addition, extra help may be assessed in the Math Lab.

GRADING: Grades will be comprised of summative 90% and formative 10%. For the summative components test will be worth 60% and quizzes will be worth 30%. For the formative grade classwork and homework will be considered in your HOW grade. Once a week one of these assignments will be collected and graded and these assignments will make up your formative grade for the quarter.

HOMEWORK:Homework will be assigned every class and do the next class. Homework is an extremely important tool in the study of mathematics. It is important to practice math skills and new concepts.

\*Missing assignments may be turned in late for a score of an 86.7/3.0.

Students must average an 80/2.5 homework grade to be able to retake an assessment. Homework cannot be made up after an assessment is given. Students have two weeks from the date of the original assessment to retake an assessment.

The student’s responsibilities for learning mathematics include the following:

* Actively contributing in whole class and study teamwork and discussion.
* Completing (or at least attempting) all assigned problems and turning in assignments in a timely manner.
* Checking and correcting problems on assignments (usually with their study partner or study team) based on answers and solutions provided in class and online.
* Asking for help when needed from his or her study partner, study team, and/or teacher.
* Attempting to provide help when asked by other students.
* Taking notes and using his/her Toolkit when recommended by the teacher or the text.
* Keeping a well-organized notebook.
* Not distracting other students from the opportunity to learn.

To access the CPM ebook students need to go to ebooks.cpm.org and enter pin number- T8U5A

\*This syllabus is subject to change at the teacher’s discretion.