

Geometry Syllabus

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Goal: To help each student reach his/her highest potential in Geometry.

Text: *enVision Geometry*, by Kennedy, Milou, Thomas, Zbiek, & Cuoco

Topics of Study: University School's Geometry course is aligned to the Tennessee State Standards for Mathematics. For more information on the state mathematics standards, visit

https://www.tn.gov/content/dam/tn/education/standards/math/Standards_Support_Geom_Mathematics.pdf

Required Materials: A notebook dedicated to Geometry
A pencil and eraser (for assignments)
A pen (for grading and corrections only)
Paper (notebook paper and graph paper)
A protractor
A compass
Textbook
TI-84 calculator
Laptop or Chromebook

**We will use the TI-84 Plus calculator in class. The TI-84 Plus calculator is currently approved for use on the End of Course mathematics tests in Tennessee as well as the ACT Exam. Students benefit from consistently using a familiar calculator. Calculators will be used on some parts of some assessments. If you already have a graphing calculator other than a TI-84 that you prefer to use, it will be your responsibility to learn the appropriate key strokes.

Cell Phones: Cell phones can negatively impact learning. Students should not access cell phones during class unless given temporary permission by Dr. Summey or in an absolute emergency. Please make sure you silence your phone or turn it off when entering class.

Absence(s): A student with a(n) excused absence(s) will be given one day for each day absent to make up work. An announcement is posted in Canvas each day with a brief summary of class activities. It is a student's responsibility to check Canvas for announcements when they are absent from class for any reason. Students should NOT email Dr. Summey about what he or she missed in class. Students who follow these guidelines will earn full credit on make-up work with the exception of Notebook Quizzes. A Notebook Quiz will be exempted for a(n) excused absence(s). Work submitted outside this timeframe will be treated as late work and receive reduced credit.

Grading: Each assignment will be assigned a specific point value. Each Quarter Grade will be calculated by finding the percentage of points earned out of the total possible

points. For example, if a student earned 250 points out of a possible 275 points, the student would have a 90.9% for the Quarter.

Final Grade Calculations:

1st Semester Grade:

1st Quarter 40 %
2nd Quarter 40 %
1st Semester Exam 20 %

2nd Semester Grade:

3rd Quarter 40 %
4th Quarter 40 %
2nd Semester Exam 20 %

Course Grade without State EOC Exam: 1st Semester 50 %
2nd Semester 50 %

Final Grade: Course Grade without State EOC Exam 85%
State EOC Exam 15%

Grade Assignment: **A: 90=100**
B: 80-89
C: 70-79
D: 60-69
F: 0-59

Homework: Homework will be assigned regularly. Students are expected to attempt all assigned problems and ask questions about homework as it is discussed in class. Students are required to complete all homework in pencil and correct all homework in class in ink. Notebook Quizzes will be unannounced and you will be scored on two random problems when homework is collected. To earn full credit, you must have the correct answers and all supporting work to justify the answers. Notebook Quizzes are taken AFTER corrections in class. Correcting all homework and showing all required work are key components of success in this course.

Late work: A student has one day for each excused absence to make up work. If a student is aware of an assessment prior to an excused absence, the student should be prepared to take the assessment the day he or she returns to school. Assessments made up one day late will be scored at 85% credit. Assessments made up two days late will be scored at 70% credit. Assessments made up three days late will be scored at 50% credit. Assessments made up beyond three days late will be scored at 40% credit.

Study Tip: Homework, along with the list of objectives for each section, should serve as a study guide for Quick Tickets and quizzes. Quizzes should serve as a study guide for tests. Tests should serve as a study guide for Quarter, Semester, and Statewide Dual Credit Exams.

Extra Assistance: Students are encouraged to attend the math lab, as needed. You do not need to register to attend the lab. However, you can be assigned to the math lab if you need regular help. Students disturbing the lab will be required to return to a regular study

hall. If your study hall is at noon rather than 12:30, you will need to eat lunch at 12:00 so you can attend the math lab at 12:30. The lab is open from 12:35-1:00. If Dr. Summey is absent, only students assigned to the math lab may attend.