

Geometry Syllabus

Instructors

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Google Classroom and Canvas:

Google Classroom and Canvas contains information about each math class offered at UHS, documents, policies, and extra resources. For Geometry, students can access the unit overview, homework solutions, class expectations, class notes, and extra online resources to help them study. Students can use ConnectED: <https://my.mheducation.com/login> to access the online textbook and resources.

Power Standards: (main ideas throughout the course)

- Undefined Terms
- Reasoning and Proof
- Parallel and Perpendicular
- Polygons
- Congruent Triangles
- Special Triangles
- Segments within Triangles
- Quadrilaterals
- Similar Polygons
- Right Triangle Theorems
- Trigonometric Ratios
- Transformations
- Areas of Polygons
- Areas of Circles and Sectors
- Surface Area
- Volume

Google Classroom

The assignment list, worksheets, answer keys, and links to video lessons will be posted in the Google Classroom for each unit. This link can be accessed through the course canvas page.

Calculators

Scientific calculators are acceptable or if your student plans on taking Honors Algebra II and Trigonometry, Precalculus, or AP Statistics we recommend the TI-84 Plus CE graphing calculator.

Students may use their phones as calculators during class lessons and work time, but phone calculators will not be allowed on assessments. Students must use either a scientific or graphing calculator on assessments.

Recommended School Supplies

- Pencils, erasers, white board marker
- Calculator - Scientific or Graphing
- At least a 3 Subject Notebook for regular class notes and work on ALEKS Topics OR a binder
- Folder

Classroom Expectations

- Students are expected to bring their Chromebook and charger everyday to class.
- Students are not allowed to bring food items to class, only water bottles.
- Students are expected to check their school email every day.

Homework (5%)

There are two types of homework for this class; graded based on completion and graded based on correctness. A calendar/assignment list will be available to students at the beginning of each unit in the Google Classroom so students will know what assignments will need to be completed.

There will be assignments given in ALEKS outside of Topics, clearly marked as graded homework. These assignments will be graded on correctness and due dates will be posted.

In the Google Classroom there will be a list of ALEKS Topics for each unit. All of the topics are due the day of the Knowledge Check and this will be entered as a separate homework score. After the unit test students will no longer have access to the Topics, so late completion is not accepted.

Students will complete an open note Progressive Knowledge Check in ALEKS during class. This score will be recorded in PowerSchool under the ALEKS Category as a way to monitor progress throughout the year.

Quizzes (5%)

There will be at least one quiz per unit. The date and material of the quiz will be announced in class and posted to the Class Calendar in the room. Students can retake quizzes one time and the retake score will replace the existing score. Deadlines for retakes will be posted.

Unit Tests (90%)

There will be a test at the end of each unit. Every test can be retaken once and the retake score will replace the initial score. In order to retake a test a student must complete all the homework assignments and the retake assignment. The student will also be responsible for setting up a time with the teacher to review the retake assignment prior to the retake deadline. Students will not have access to the answer key for the retake assignment, they must review it with the teacher.

At the end of the semester, students will receive a test grade for their overall completion of ALEKS Topics. The test grade will be entered as a percentage of completed topics.

Keep in mind that ALEKS is a YEAR long program. It does NOT start over at semester. If you are behind first semester you are starting behind second semester. It is very important to keep up with your homework for this class. If you are struggling with topic completion come in and get help ASAP.

Semester Final

The final for both semesters will be given in ALEKS. This is NOT a Knowledge Check, but a test created by the Geometry teachers. Similar to ALEKS quizzes, students will have 2 attempts to complete the final. Both attempts must be completed by the end of the period. On the second attempt, students only have to complete problems they missed the first time. To prepare for the final, students should be completing all the ALEKS topics and the study guides provided in ALEKS.

Extra credit will NOT be given in this course.

A	93% and above	<i>Grading Criteria - Term</i> Homework – 5% Quizzes – 5% Tests – 90%
A-	90% – 92%	
B+	87% – 89%	<i>Opportunities for Improvement</i>
B	83% – 86%	<i>Quiz Retakes:</i> Students will be allowed to retake quizzes once and the retake score replaces the original score.
B-	80% – 82%	
C+	78% – 79%	<i>Test Retakes:</i> Students will be allowed to retake tests once after completing ALL the graded homework in the unit and the retake assignment. The retake deadlines will be posted in class. Retakes will not be allowed after this date. The second score will be recorded in the gradebook.
C	73% – 77%	
C-	70% – 72%	
D+	67% – 69%	<i>Late homework is not accepted for a grade after the unit test and retake.</i>
D	63% – 66%	
D-	60% – 62%	<i>Availability</i> Check with your teacher for the most up to date availability.
F	59% and below	

Pass-Fail and Audit Policies for Geometry

Math Department Pass-Fail Policy

To take the Pass-Fail option for a UHS math class, a grade of 70% or above is required to receive a Pass. Anything below 70% the student will receive the grade earned.

All paperwork is due by the sixtieth day of the semester. Pass-Fail forms will not be signed after this deadline. Exceptions require administrative approval.

Math Department Audit Policy

To take the audit option for a UHS math class, a grade of 50% or above is required to receive a grade of "AU". If a student receives 60% or above, the student has the option to receive the grade earned. If a student receives a grade below 50% in the class, the student will receive a grade of "F".

All paperwork is due by the sixtieth day of the semester. Audit forms will not be signed after this deadline. Exceptions require administrative approval.

Fall 2021 Deadline: Friday, November 19th

Spring 2022 Deadline: Friday, April 15th