

Geometry

Northview High School 2017-18

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Textbook: Geometry; Glencoe McGraw-Hill; cost: \$89.97

Assessments

Homework: Assigned weekly on ALEKS. Correctness counts.

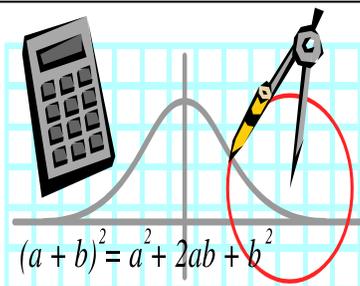
Quizzes: Most will be announced, but some may be pop quizzes. If you keep up with your homework, you will be prepared for pop quizzes and should need no more than 30 minutes preparation for an announced quiz.

Tests: Tests are announced at least a week ahead of time. Depending on the size of the Chapter, there may be 1-2 major tests per chapter.

Final Exam: A cumulative final exam will be given at the end of Fall semester. The student's Georgia Milestone score will count as their Spring semester final exam. During the spring semester final exam time, a test will be given covering material addressed after the Georgia Milestone.

Grading

Tests	45%	90 - 100	A
Quizzes	20%	80 - 89	B
CW/HW	15%	70 - 79	C
Final Exam	20%	0 - 69	F



Titans have Integrity, A Positive Attitude, Compassion and Personal Responsibility

- Follow School Rules
- Help make the classroom environment positive and productive
- Treat your peers and teacher with respect.
- Put forth your best effort on each assignment.
- Be organized, on time, and prepared.
- Seek extra help (from me or from peers)
- No eating or drinking in class (bottled water is okay).
- Bring your Chromebook, paper, and calculator to class every day. (calculators on phones do not count☺)

Course Description

This is a course in geometry, advanced algebra topics, and statistics. The course uses methods used in Algebra to analyze geometric relationships and builds on the algebra background throughout the year. A unit in statistics builds on the statistics learned in Algebra

Topics of Study

Transformations in the coordinate plane
Similarity, Congruence and Proofs
Right Triangle Trigonometry
Circles and Volumes
Geometric and Algebraic Connections
Applications of Probability

Georgia Milestones (previously EOC)

Students will take an end-of-course test for Geometry during the weeks of April 23 – May 4 in the spring of 2018. Review of first semester content will be incorporated into daily routine during second semester, and time will be allotted for exam preparation closer to the test date. Resources for independent test review and practice will be assigned in the Spring.

Supplies

A successful mathematics student will need the following supplies: **loose leaf paper, graph paper, TI-84 calculator, PENCILS, a ruler, and erasers.** Please note that we are not allowed to check out calculators to students. Beginning with the 2015-16 school year, all levels of math classes at Northview will be supporting the use of Texas Instruments graphing calculators in the classroom. The TI-84 is the calculator that students will be using on their Georgia Milestones, and is one of the approved calculators that can be used on College Board tests such as PSAT, SAT, and AP Tests. Please take this into consideration if you are purchasing a calculator this school year.

Homework and Testing Policy

***All ALEKS assignments are due a minimum of a week after being assigned. **As a result, any student who is absent one or two days during a homework period will be expected to complete the assignment on time.**

*****Technical difficulties do not qualify as an excuse for not completing homework assignments. It is your personal responsibility to plan for all contingencies. (ie. Loss of internet, dead battery, server down, etc.)**

***The day immediately preceding a test is a designated review day in which no new material will be covered. **As a result, any student absent only on this day will still be required to take the test as scheduled.**

Academic Honesty

Integrity is a Northview High School core value. Northview students are expected to demonstrate honesty and integrity in all work submitted to a teacher. The honor code ensures the validity of student work which guides instruction. All NHS students are bound by the Northview Honor Code.

All work must be completed in accordance with the guidelines of the endeavor. Unless directly stipulated by the teacher, collaboration on class work, assignments, homework, tests, papers, and projects is not acceptable. Copying the work of another student is not acceptable, nor does it prepare a student for classroom assessments as much as doing work individually. Copying work includes, but is not limited to, sharing work in writing electronically, problem solving, and in person having work proofread. Students who willingly provide other students access to their work are in violation of the NHS Honor Code. Additionally, the storing and/or use of information not specifically authorized by the teacher on a calculator used on a test, quiz, or other graded exercise is a violation of the Honor Code. If a student borrows a calculator from another student in a different class and the calculator has stored information related to the graded exercise, it will be considered an Honor Code Violation.

Violations in the honor code may result in a zero for the assignment, project, or assessment. The zero may not be made up or recovered. Additionally, an honor code violation form may be filed by the administration and become part of a student's disciplinary record. Students may face disciplinary action beginning with two days of Saturday School.

Recovery

All students and parents are encouraged to sign up for the web-based program for monitoring grades: Home Access Center. Students should check their averages and see their teachers if they become concerned with their academic performance.

Recovery is an additional opportunity for students to demonstrate mastery of content standards. If a student's cumulative average falls below a 74%, the student may be eligible for recovery. Students who successfully demonstrate mastery will not only improve their overall average, but will be more prepared to succeed in the course.

Rules of Recovery

1. Recovery is for students who, despite a conscientious effort and communication with their teachers, have failed to demonstrate satisfactory understanding of course standards. It is not for the student who has been failing for many weeks and then wishes to recover during the final days of the course. Opportunities for students to recover from a 74 or below *cumulative* average will be provided when all work required to date has been completed and the student has demonstrated a legitimate effort to meet all course requirements. *Students who have not attempted to complete all course requirements are not eligible for recovery.*
2. Students may initiate recovery on major assessments starting with the second major assessment of the semester as long as they have made a legitimate effort to meet all course requirements including attendance. Unexcused absences may prevent this opportunity.
3. So that students stay focused on the content at hand and don't become overwhelmed and fall too far behind, they must complete recovery work within the timeframe specified in each Recovery Contract. All recovery work must be completed within ten school days prior to the end of the semester. The nature and type of recovery assignment is given at the discretion of the teacher.

Grading guidelines for recovery assignments will vary by department. It is the responsibility of the student to fully understand the grading guidelines/highest possible score for completed recovery work.

In the math department, our policy is that only tests are eligible for recovery. Original and recovery test scores will be averaged for a maximum score of 75.