

GSE Algebra 2 Northview High School 2017-2018

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Textbook: Algebra 2, Glencoe, McGraw Hill
Replacement Cost: \$92.97

Course Overview: This course will cover topics in both Algebra and Statistics. This course explores inferences and conclusions from data, polynomial functions, rational and radical functions, exponentials and logarithms, trigonometric functions, and mathematical modeling. This course will prepare students for higher level math classes, including pre-calculus. **Students will use a variety of materials, including the textbook and class handouts. Students will need a personal calculator. Graphing calculators are required.**

<u>Grading Policy:</u>	Tests	45%	A	90 – 100
	Quizzes	25%	B	80 – 89
	Homework/Classwork	10%	C	70 – 79
	Final Exam	20%	F	69 and below

Assignments:

- Homework:** Practice plays an essential role in the learning of mathematics. Homework will be assigned daily and will be checked in a variety of ways, possibly including daily checks and weekly homework quizzes. Students are expected to have their homework completed when class starts and be prepared to ask any questions they may have. If a student is absent, he/she is responsible for obtaining the notes and homework assignments for the day(s) missed.
- Classwork:** It is extremely important for students to keep up with their class assignments each day, contribute to group discussions, and be an active learner. Students are expected to bring their notebook, pencil, notebook paper, graph paper, and calculator to class **every day**. *Students are expected to work only on their math assignments during class.*
- Tests:** Tests will be given approximately every 2 to 3 weeks. Each test will be cumulative for the unit, as well as for previous units/topics. Attendance on test days is expected.
- Quizzes:** There will be one or two quizzes per test, announced in advance. They will concentrate on the most recently covered topics, but may also be cumulative in nature.
- Final Exam:** The final exam will be cumulative for the semester and count 15% of the final grade.

Home Access Center:

Home Access Center allows parents to monitor their child's academic progress, attendance and discipline record over the internet. Parents must register with the front office in order to access Home Access Center. Grades will be updated in Home Access Center at least once per week. Please monitor your grade through Home Access Center. Home Access Center will also be the primary way in which I communicate with you, so please make sure that the front office has a valid e-mail address on file.

Make-Up Work:

Make-up work is in accordance with the policy in the Northview Student Handbook. Following an absence, it is the student's responsibility to contact his/her teachers to arrange for make-up work. The contact must be made within one school day of returning. If the teacher is absent, contact should be made upon the first day of the teacher's return. Students are given the same number of days to complete make-up work as the absence, not including the day of the return. Assignments made prior to the absence, including tests/quizzes scheduled for the day of the

return, are generally due upon the student's return. Students who are present for any portion of the school day are expected to turn in all assignments due on that day in order to receive full credit. Failure to complete make-up work within the designated time may result in a grade reduction or loss of credit for the assignment. Students are allowed to make up work due to an unexcused absence and will receive credit for 80% of the actual grade. Assignments missed due to pre-arranged absences are due upon the student's return unless the teacher has approved other arrangements in advance. **Attendance on test & quiz days is expected. If you are absent on a review day before an announced test, you will be expected to take the test with the rest of the class. Students who are consistently absent on test days may be required to present a doctor's note in order to receive full credit on the test. The form of a make-up test is at the teacher's discretion.**

Recovery Policy:

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. The nature and type of recovery assignment is given at the discretion of the teacher.

Recovery Opportunity Guidelines:

- Complete a Recovery Assignment
- Attend a Recovery Help Session
- Recovery grade is the average of the test grade you earned originally and the recovery test grade. The recovery grade will not exceed 75%.
- Recovery must be student-initiated within five days of the student receiving the graded assessment/posted to Home Access.
- Recovery work must be completed within ten school days prior to the end of the semester.

For the complete recovery policy, visit the Student Handbook on www.northviewhigh.com.

Honor Code:

As explained in the student handbook, cheating is defined as "giving or receiving, in any form, information relating to a gradable experience." Violations of the honor code will result in a zero for the assignment, plus an honor code violation form placed in the student's disciplinary file. Read the handbook carefully to fully understand what constitutes a violation.

Concerning Calculator Use: 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 contains stored information related to the graded exercise it will be considered an Honor Code Violation.

Calculators/Supplies:

A successful mathematics student will need the following supplies: loose-leaf paper, graph paper, **a graphing calculator**, pencils, a ruler, and erasers. There may be some tests and quizzes in this class where there will be no calculators allowed, or where only basic, four-function calculators are allowed. Suggested graphing calculators are the Texas Instruments TI-83 or **TI-84 (platform used in class)**. You may be able to find used calculators for sale. They are an investment, but students will likely need graphing calculators in future classes at Northview or in future college courses.

NOTE*: If you purchase a different graphing calculator other than the one bolded above, you are responsible for knowing/learning how to perform the operations needed on your own. Again, this is your responsibility, not the teachers.

Also, Calculators will have their entire memory erased before and after an assessment. If you have anything stored on your calculator for another class, you need to learn how to save it on your computer and load it back onto the calculator. This is your responsibility, not the teachers.

Extra Help:

Extra help sessions will be offered at the discretion of the teacher. Please make a note of what days and times your teacher will offer help sessions. Students are expected to come to help sessions prepared with questions. There are also a number of peer-tutoring services available at Northview. Look for posted signs or contact your counselor for more information.

Parents/Guardians:

We find e-mail to be an effective form of communication. Email is checked frequently and we welcome questions, comments, and concerns from both parents and students. You can find our email addresses below. If you do not have access to a computer or an email account, please send a note including phone numbers at which you can be reached.

Thank you,
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This syllabus is meant to serve as a guide for the semester. The teacher reserves the right to change or adjust any section of the syllabus during the semester in order to more adequately meet the needs, abilities, and interests of the students.