

ALGEBRA 2

Class website: <http://www.oremhighschool.com/staff/gilchrist/algebra2.htm>

EMAIL: gilcd754@alpine.k12.ut.us

PHONE: Home-226-7098

Work-227-8765

TEXT: Algebra 2 Available for check out in the Media Center.

CIVIL RIGHTS STATEMENT: This class is open to all students. Orem High School offers education to all students. Orem High does not discriminate on the basis of race, color, religion, sex, disability, or national origin. Students who have a grievance with another student or any school employee should talk to the school administration or a counselor about their concerns.

Algebra 2 is an intermediate algebra course designed to expand upon concepts covered in Algebra 1 and Geometry.

GUARANTEED CURRICULUM (What you will know and be able to do when the year is over):

1. Solve linear and quadratic inequalities and equations.
2. Solve geometry and measurement problems by examining the behavior of functions.
3. Solve trigonometry problems and graph trigonometric functions in both radians and degrees.
4. Solve probability and statistics problems

COURSE GOALS:

In Algebra 2, students are expected to learn:

- How to identify and classify functions and examine their behavior graphically, as equations, as data and in applied situations.
- To model data and solve problems involving linear and quadratic relationships.
- Essential techniques for solving problems and applying algebraic principles to solve real world problems.
- How to extend problem solving and modeling skills to trigonometric and statistical contexts.

NEEDED SUPPLIES:

- Graphing Calculator: Each student needs to have access to a graphing calculator outside of class in order to complete homework assignments and perform the processes involved in the course. While technology is not a key focus of the course, its use will greatly enhance the experience in the class and lighten the load on assignments.
- Textbook: You are expected to bring your textbook to class with you EVERY DAY! There will be no extra books available in the classroom. Do not leave your book in my room they have a tendency to walk a way with other students or I will turn it back into the Media Center.
- Notebook: You will need a 3 ring binder to keep class notes, handouts, vocabulary lists, etc. in. These will serve as a great resource for you as you study and prepare for the exams.

GRADE SCALE: Letter grades will be assigned according to the following grade scale:

A: 94-100%	C: 74-76%
A-: 90-93%	C-: 70-73%
B+: 87-89%	D+: 67-69%
B: 84-86%	D: 64-66%
B-: 80-83%	D-: 60-63%
C+: 77-79%	F: 59 and below

GRADING PROCEDURE (How grades are given):

1. Grades are given based on points from four categories. These categories are as follows:
 - a. TESTS (70% of final grade): Tests will be given at the end of every unit (usually about every 3 or 4 weeks). Tests have, by far, the biggest impact on the final grade and are used to determine whether or not the student has mastered the concepts for that unit. A test score must be above a 70% to be considered acceptable. All students will be required to make corrections to missed test questions and retake any subsections of the test that they scored below 70% on. The results of the test retake will override the previous test score. The focus of the tests is to show students what they know and don't know and give me the feedback needed to know what interventions are needed for

that student to completely master the unit's concepts. If a student scores below a 70% on the test or any subsection of the test, they will be assigned to come see me during extended lunch time to go over missed test items and provide them with added one on one time with me to strengthen their skills and prepare them for the retake. The process will continue until the student has shown mastery of all concepts on the test by scoring over a 70% in every subsection of that test. Again all retake scores completely override previous scores for that test and they only need to retake subsections of the test they struggled with. The focus is on learning and mastery, not allocating grades and separating "good" students from "poor" students. A student could very well get 100% test scores for every test if they are willing to do the work to master the concepts and retake their tests.

- b. ASSIGNMENTS (15% of final grade): Mathematics is a skill as well as a knowledge set and therefore learning math concepts requires practice. The assignments are designed to give students an opportunity to practice successful completion of math problems and are vital to the learning process in a math class. **If you are missing any assignments you will not be allowed to take the chapter test until they are turned in.** You will have a 0 for that test score which will lower your grade enough to lose extended lunch privileges until the homework is turned in and the test is taken and graded. Assignments will be corrected each day and given a score of how many correctly done out of the total problems assigned. Any assignment turned in with under 80% correct will be handed back to be corrected and then resubmitted. Late assignments will lose 10% for each class day it is late. Occasionally extra credit problems will be offered to help make up points in this category.
 - c. QUIZZES (10% of final grade): Daily quizzes will be given to assess the student's understanding of the material. The quizzes will be worth 5 points each and cover the homework material or review items. Quizzes cannot be made up for any reason, but the lowest 2 will be dropped each term.
 - d. PARTICIPATION (5% of final grade): At the end of each term each student's attendance will be counted up and a percentage will be given as a participation score. Unexcused absences and unexcused tardies will be subtracted from the points. Excused, school excused and pre-excused absences or tardies will not be deducted from the points. If the student has NO absences or tardies, whether excused or unexcused, they will receive a 50% bonus on this score which is enough to bump up your letter grade at the end of the term. School excused absences like band trips, sports, etc will not affect the bonus. All others, like family vacations, orthodontist appointments, etc will not be deducted from their points but will make the student ineligible for the bonus.
2. Grades are a result of what you have learned and shown that you have mastered on your exams. There will be no short cuts to getting the grade you want. My job is to teach and make sure I have done everything possible to help you learn, understand and master the concepts in the class. It is your job to put in the time, work and attitude needed to do what ever is required to LEARN IT!
 3. Repeated refusal to do assignments, retake or remediate tests or classroom discipline problems will result in a discussion with your parent/guardian about how to improve your efforts. If the lack of effort persists you will be referred to the "Student Success Team" and additional interventions will be taken to help you make better decisions and provide you with additional time to get your work completed. Please don't put me in this position, put the work in and let's be successful.

YOU WILL BE HELD ACCOUNTABLE FOR THE ITEMS CONTAINED IN THIS DOCUMENT, THE CLAIM THAT YOU DIDN'T KNOW ABOUT A PROCEDURE OR POLICY WILL BE ANSWERED WITH A REMINDER TO READ YOUR DISCLOSURE DOCUMENT. YOU MUST HAVE THE ATTACHED SIGNATURE FORM COMPLETED AND SIGNED AND TURNED IN TO ME

Administrator Approval of Document

Teacher

Please read the disclosure document thoroughly and fill out the form below to show that you understand the grading policies and procedures for the class.

STUDENTS NAME (printed): _____

Student's Signature

Parent's Signature

Parent/Guardian email address: _____

Parent/Guardian contact phone number: _____