



2016-2017 Algebra II Syllabus

Health Careers Academy High School

Instructor: Mrs. Hunter Room #: 26

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Tutorial Hrs. Tues-Thurs from 3:00 p.m. - 4:30pm (subject to change)

Textbook: Prentice Hall: *California Algebra2* 2007

Course Description: Algebra II is a one-year course that expands and accelerates all topics in the Common Core Standards for Algebra II, including probability, linear, quadratic and polynomial functions, rational equations, matrices, complex numbers, factoring polynomials, radical expressions, exponential functions, logarithms, conic sections, sequence and series, and trigonometry.

Course Philosophy: Algebra II is an advanced mathematics course. The students in this course are expected to be diligent and desiring a challenge. A strong emphasis will be placed on critical thinking skills, verbal and written communication methods for problem solving. Students will be asked to explain answers and show work on homework and testing, not simply state answers.

Course Overview: Peer collaboration, discovery activities and cooperative learning groups are integral components of the course. Groups are changed frequently to allow students to develop skills in working with different students. Homework requires students to **read each section** and take outlined Cornell Notes before each lesson is taught.

Required Materials:

1. Pencils (**all work must be done in pencil**)
2. 2-4 Dry Erase Markers and old sock(eraser)
3. Graphing Calculator (TI84+ Preferred)
4. Graph paper/ binder paper
5. Textbook
6. Binder for notes/classwork with 5 dividers
(Warm ups, Notes, Homework, Classwork, and Projects/Quizzes/Tests and Test corrections).
7. Highlighters and/or colored pencils
8. Ear Buds

Assessments: All classwork, including summaries, must be completed for studying for quizzes and for binder checks. Written homework, class presentations, projects, class activities, quizzes and test using multiple choice and free response formats, with and without calculators, and final exams will be used throughout the year.

Grading Policy:

Homework 5% of final grade

Classwork 5 % of final grade

PRN 5% of final grade

Chapter Tests/Quizzes 75 % of final grade

Projects/Final Exam 5 % of final grade

Notebook (Summaries) 5% of final grade

Classwork and Homework: Class notes are expected to be completed during each class. If you are absent, it is your responsibility to ask a study buddy for the notes missed. Daily homework is a crucial aspect for success and is NOT busy work in higher math. The summarization of the day's lesson reinforces the lesson, each daily homework assignment perfects the skills learned that day, and previewing of the upcoming lesson improves understanding and retention. My expectation is that you will be spending between 2-3 hours per week on your homework assignments. I encourage you to do all the assigned homework completely, neatly and carefully. I will check your homework daily at the beginning of class and grade it upon both completion/attempt and accuracy. It is your responsibility to correct your homework in class and make sure you understand all problems assigned in preparation for quizzes and tests. All work must be shown and in pencil to receive credit. Each assignment will be worth 5 points (4pts for completion and 1pt for neatness & proper heading). 1pt will be deducted each day for late assignments. All assignments must be turned in within the first 3 days of being assigned in order to receive any credit points. All assignments must be written on separate paper and identified with the following heading:

ON THE LEFT

ON THE RIGHT

<i>Assign # and Description</i>	<i>Full Name</i> <i>Period/Class</i>
	<i>Date Assigned</i>
	<i>Answer Column</i>

Missing homework will be marked as a 0.

For each day you miss due to an excused absence, you will have one day to do all makeup homework including quizzes and tests.

ASSIGNMENTS: Will be given daily and expected the following day. It is usually a necessary part of the next day's lesson. Credit is given if the assignment is complete, neat and in your own words.

LESSON PORTFOLIOS: Before each lesson, students will be required to complete a lesson portfolio. The purpose of the portfolio is to prepare students for the upcoming lesson by having students gather information about the lesson. Each lesson portfolio must contain the following information:

1. Lesson Section and Title
2. Lesson Objectives
3. **Essential Question (Leave Blank, we will write it together in class)**
4. Definitions, Theorems, and Formulas
5. Write down at least three questions you have about the lesson (You can write more).

*****Must have it in that order**

PRN: PRN is an academic support class where students can work on homework from any class; review for tests and quizzes; and utilize the internet as a resource to get help for any class. All students are required to participate in *I Can Learn* for a minimum of 45 minutes per week during a designated time. *I Can Learn* is an online Math program that will help to support students for academic success in Math.

Quizzes/Tests: Quizzes will be given after each section throughout each chapter. Tests will be given at the end of each chapter. A comprehensive final exam will be given at the end of each semester.

Notebook: Notebook will be collected every week to evaluate summaries.

Final Thoughts... Please have the mindset that everything I provide for you is to help you. Everything I give you has a reason, and I promise I will never give you work for the sake of work.

Due Date Policy: If you are ON CAMPUS the day an assignment is due (hw or project), but do not come to this class (drama, dance, music, sports, field trip, AP Exam, appointment, etc.), you must TURN IT IN before you leave and complete the classwork. Late work will NOT be accepted without a homework pass.

Make-Up Policy: As per the school handbook, make-up quizzes and exams will be allowed for complete day excused absences (1 day for 1 excused absence). Makeup exams must be done after school. If you are absent a full day, make sure to contact your study buddy to get the lesson notes and assignment so that you won't fall behind. All classwork must be completed to study for tests and for binder checks participation grade. If you are absent the day before a test, attend the Math Lab after school for extra help.

Redemption Policy: *What to do if you dig yourself in a hole and want to get out?*

Homework Pass: A Homework Pass allows you to turn in a homework assignment the next class day (CANNOT be used for chapter review for a test/quiz/project/final/warm-ups). If you forget to turn in homework before leaving for an appointment, field trip or sports event, then you will need to use a homework pass to turn it in the next day. You will receive **four** homework passes per semester. Each unused homework pass is worth 5 points in the homework category at the end of the semester if you retain them and turn them in. Opportunities to receive more homework passes will be given throughout the year.

Test Corrections: My goal as a teacher is to help you to learn and retain the material being taught in class so that you will be prepared for future classes, whether at Health Careers Academy or elsewhere. There are times when we are not prepared thoroughly enough for tests, either due to not understanding the material or not preparing/studying well. Test corrections are mandatory for students who scored below an 86% and are not extra credit points but are a new assignment in the test category. In addition, students who score 85% and below, will be allowed to retake a different test of the same concepts if desired. In order to receive this opportunity, students must fill out a *Request to Retest* form in which three tutorial activities must be completed to ensure students will not make the same mistakes on the retake. Make sure to treat this opportunity with great respect.

Class Rules: for *successful* students

1. Enter class quietly and on time. Sit in your assigned seat before the tardy bell rings; and make sure your cell phone is turned off or stowed away and remove ear buds/earphones, (if I see them, they will be confiscated and a parent will have to retrieve any items at the main office).
2. No eating or drinking during class (this includes gum; bottled water is OK).
3. Respect Teacher, other students and their belongings, and yourself.
4. Care about the quality of your work.
5. Be on task and work quietly in class
6. Exiting Classroom: The bell does **not** excuse the class. **I do.** I will tell you when it is time to pack up and leave in an orderly fashion.
7. Follow school rules.
8. Have **FUN** learning Math!

Consequences:

Consequences- If you choose not to follow the above classroom rules, which prevents the maximum learning environment for you as well as other students, you will receive a:

1. Verbal warning
2. Discussion with teacher after school.
3. Lunch detention and phone call home
4. Sent to office and Parent Contact (3 referrals will result in a withdrawal from the course)

If the offense is ongoing and becomes a daily problem, I reserve the right to bypass step 2.

It is an honor to be working with you as we study Algebra II together. I look forward to teaching you and getting to know you better individually. PLEASE don't hesitate to contact me if you have any questions/concerns about anything in the course.

I am looking forward to a great year!!!!

Mrs. Hunter

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CONTRACT

I have read the syllabus and class rules. I understand the due date and makeup policies, and the need to come prepared to every class. I understand that this is an advanced level course and much effort will be expected to succeed in this course.

PRINT STUDENT NAME _____ period _____

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Parent Email: _____

Student Email: _____

Please return the contract portion of syllabus to teacher. Thank you.

Comments: _____

