

Algebra II Honors Course Objective:

The goal of this course is to prepare students to take Calculus upon completion of this year. The topics taught will be a combination of Algebra II topics and Pre-Calculus Topics. It is a very rigorous course and the pacing is very fast, so it is imperative that you take advantage of tutoring regularly when you need help.

1st SEMESTER:

Alg2 Chp1	Alg2 Chp2	Alg2 Chp3	Alg2 Chp4	Alg2 Chp5	Alg2 Chp6	Alg2 Chp7.1
Investigations & Functions with Domain and Range	Transformations of Parent Graphs & Quadratic Functions	Equivalent Forms/Rational Operations & Functions	Solving Systems of Equations and Inequalities	Inverses & Logarithms and Compositions	3 Variable Systems, Curve Fitting, Solving with Logs	Trig Functions Using Unit Circle & Radians

2nd SEMESTER:

Alg2 Chp7.2	Alg2 Chp8	Alg2 Chp10	Alg2 Chp12	PreCalc Chp1/3	Precalc Chp4	PreCalc Chp8.3
Transforming Trig Graphs	Polynomial Functions & Imaginary Numbers	Series and Pascal's Triangle	Analytic Trigonometry, Solving Trig Equations, Trig Identities	Complex Fractions/Piecewise Functions// Equivalent Expressions	Polynomial and Rational Functions	Trig Identities

Course Requirements:

1. Regular attendance. The responsibility is yours to makeup any work due to absences/tardies of any kind. Come prepared every day with homework, text (ebook), and all supplies.
2. Regular individual and group effort focused on math. If you are struggling, please seek assistance. (Check Math Tutoring schedule for details.) You must fully participate in order to learn.
3. Precision and Neatness. Being accurate and neat is important in math. Working to the best of your ability is expected, not requested.

Suggested Course Materials:

- Graph notebook (composition or spiral are acceptable)
- 1 red pen, pencil, and eraser and white board marker.
- Lap top charged and ready daily ... will use calculator and graphing tools along with eBook daily.

Grading:

20%	Classwork/ Homework	<p>Given daily. Must be neat and show the original problem, all the steps to reaching the solution, and must be corrected daily using the keys and a red pen. Special attention should be paid to any problems you got wrong, get help on them, and be sure to study these for the test. Homework help can be found by using the links in your eBook. You will grade your homework on a 5 pt rubric:</p> <p>5pts- All problems attempted and up to 3 wrong answers</p> <p>4pts- All problems attempted and more than 3 wrong answers OR missing one or two problems with less than 3 errors.</p> <p>3pts—Missing one or two problems and more than 3 errors or missing more than 3 problems</p> <p>2pts- Half or less of problems attempted</p> <p>1pt – minimal problems attempted</p> <p>**Late homework will only be accepted for excused absences with in the same number of days as you missed class.</p>
55%	Chapter Tests, Quizzes and Projects	<p>This is where you show how well you have learned the material. Daily homework problems are a preview of what will be on test, so be sure you understand the concepts. Preparation is key, so be sure to ask questions and attend tutoring when you do not understand. Tests cannot be retaken but you will have an opportunity to improve your test grade by doing test corrections and an error analysis.</p>

10%	Team Assessments	These are designed to help you study/prepare for tests. Your team participation, staying on task, and all members doing their job are a vital part of you learning the content to its fullest.
15%	Final	Will be given the last week of the semester and may not be retaken. You will be allowed to use your tool kits on this test.

Grading Scale: 90-100% -- A 80-89% -- B 70-79% -- C 60-69% -- D 59% or below – F

School wide tutoring is available Monday – Thursday (see schedule posted in all classrooms).

 I read and understand the course expectations and agree to abide by them.

Godinez Student: (print) _____ ID# _____ Period: _____

Student email: _____ Home phone number: _____

Parent/ Guardian: (print) _____

Parent email: _____ parent cell phone: _____