

BOCA CIEGA HIGH SCHOOL
924-58th Street South, Gulfport, FL 33707 727-893-2780
Christine Anne Brown, M.Ed.

Algebra II and Algebra II Honors – Course Information Sheet

Successful students will develop sufficient computational, procedural and problem solving skills to provide a solid foundation for further study in mathematics. Every chapter provides content that has been developed to cover the Next Generation Sunshine State Standards as required by the State of Florida Board of Education.

Successful students are required to have all of the following materials:

- 1 (8.5 x 11) spiral notebook with at least 100 pages
- Loose-leaf paper
- Graph Paper
- Pencils (pen may not be used by students)
- TI-30 or higher calculator

Assignments will be given most every day. The assignments, which the students may have time to start in class, can be completed at home in less than one hour and is due at the beginning of the next class meeting. The student's grade is comprised of points earned for assignments, notes, activities, class participation and test scores. The letter grade earned for each of the two 9-week periods in a semester is worth 33% of the final grade and the final exam letter grade is worth 33% for a total of 100%.

It is the students' responsibility to make-up missed assignments due to an absence. The student will be allowed the same number of days to make-up assignments as the number of days absent. Students will receive a letter grade reduction on any work made up after any unexcused absence. Documentation must be given to the office within 48 hours and is required for any absence to be considered excused. Tests must be made up after school (by appointment) and within one week of the absence. A failing grade will result for tests not made up within the above timeframe. Per school board policy, late work for non-absent students will be given a grade of zero. I am available for extra help after school provided there are no schedule conflicts.

Pinellas County Grading Scale

100 – 90 = A, 89 – 80 = B, 79 – 70 = C, 69 -60 = D, 59 – 0 = F

Algebra II – Critical Concepts

The critical concepts that students will master in Algebra II and Algebra II Honors include:

- Recognizing, writing, interpreting, and using geometric and arithmetic sequences
- Translating, solving, writing, and building quadratic and polynomial functions
- Interpreting, solving, explaining, graphing, and crating rational, radical, exponential, trigonometric, and logarithmic functions
- Gathering, interpreting, and evaluating data

Students will gain mastery of the critical concepts through the intense study of the following units:

Unit 1: Functions

Unit 2: Everything about Graphing

Unit 3: Quadratics

Unit 4: Radicals

Unit 5: Rational Numbers

Unit 6: Exponential and Logarithms

Unit 7: Polynomials

Unit 8: Trigonometry

Unit 9: Probability and Statistics

Unit 10: Arithmetic and Geometric Sequences and Series

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Classroom Behavior Policy

The mutual respect between teachers and students and creating a clear set of expectations for student behavior will enhance the overall functionality of our classroom. Students must know and follow all rules in the student handbook in addition to classroom rules mandated by the teacher.

1. Be in your assigned seat and prepared to work when the final bell rings.
2. Follow directions the first time given.
3. Raise your hand and wait to be recognized before speaking.
4. Abstain from eating, drinking, chewing and grooming in our classroom.
5. Respect the rights and property of others.
6. Be courteous to me and your classmates.
7. At the end of the period, remain in your seat until you are dismissed.
8. Heads must remain off the desks at all times.
9. Do not write on the classroom desks or any surface that does not belong to you or that you have not been invited to write on.
10. Cell phones are never allowed in class.

Policy for Severe Behavior

Severely disruptive behavior such as repeated disruptions, fighting, cursing, physical assault, or verbal abuse will result in immediate referral to your assistant principal.

Consequences for Disruptive Behavior

1st Offense: A verbal warning will be given when a minor classroom or school rule is broken, unless the discipline code calls for a referral.

2nd Offense: A 2nd verbal warning will be given and may be accompanied by a telephone call to the parent/guardian. If a conference is necessary, it will be scheduled through Guidance.

3rd Offense: If the problem persists after a verbal warning, students will be given a detention, which will be accompanied by a telephone call to the parent/guardian.

4th Offense: If the problem persists after a detention, a discipline referral will be given.

Specific Behavior Violations

Please do not argue with me during class. Insubordination will not be tolerated. If you feel you were wrongly identified as misbehaving, submit your explanation in writing and/or prepare to discuss the matter calmly with me after class or after school. This policy is for the good of the group; please respect that.

Page three of this document is to be shown to your parents/guardians and then kept in your notebook for reference. Please return the Behavior Policy with the signatures of both you and your parent/guardian.

Student: _____ Parent: _____ Date: _____