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## **COURSE NAME: Algebra 2**

### **INTRODUCTION/COURSE DESCRIPTION**

This second year of algebra builds upon the skills of the first-year course by reviewing and extending the use of those skills to more complex applications. Algebra II includes the study of linear and quadratic functions, exponential and logarithmic functions. Graphing calculators and computer software are available to extend the material in the text. This is a full-year course. Prerequisite: Algebra I

### **ESSENTIAL LEARNING OUTCOMES**

#### Semester 1

- Analyze and use relations and functions
- Solve linear equations, inequalities and systems
- Solve and graph quadratic functions
- Analyze graphs of polynomial functions
- Perform operations with polynomials

#### Semester 2

- Solve polynomial equations
- Perform operations on functions and radical expressions
- Graph and solve exponential equations
- Use properties of logarithmic functions
- Graph logarithmic and rational functions
- Perform operations on rational expressions
- Solve rational equations

### **SUPPLIES/TEXTBOOK**

- The Algebra 2 Homework Spiral Workbook (Given to you)
- Notebook (graph paper notebook preferred)
- Pencil
- A Scientific Calculator (We suggest a TI-30XIIS)

**OR**

- A graphing calculator (optional - one will be provided in the classroom) Only buy a graphing calculator if you know you're planning to continue in mathematics after high school





## **CLASSROOM EXPECTATIONS**

Each student is expected to **listen** and **contribute** during class discussions. Any class time given to work on assignments or projects is to be used to do so.

- You are expected to **respect** your classmates and the teacher. Inappropriate behavior will not be tolerated and dealt with accordingly.
- **If you find yourself struggling - SEEK assistance outside of class!**

**Google Classroom:** Google Classroom will be used to house all of the materials online. On Google Classroom, you will find instructional lesson videos, the calendar for the class, copies of the notes and homework, and assessment reviews/study guides.

**Infinite Campus:** All grading will be done on Infinite Campus. All grades will be updated at least once a week. If you have any questions or concerns about a grade, please contact your teacher.

## **GRADING SCALE**

**[Board Policy 505.5R]:** Academic marks are recorded as letter grades, denoting the following quality of work:

"A" is the grade of distinction and represents work of superior quality

"B" represents work of excellent quality

"C" represents work of average quality

"D" represents work regarded as passable, according to the minimum requirements of the course in effort and quality

"F" denotes failure to successfully complete the course and no academic credit is received.

All classes that students are enrolled in are figured into the GPA.

All classes (except for AP) will use the same grading scale. The grading scale is as follows:

A+ = 99-100% ↑	A = 93-98%	A- = 90-92%
B+ = 87-89%	B = 83-86%	B- = 80-82%
C+ = 77-79%	C = 73-76%	C- = 70-72%
D+ = 67-69%	D = 63-66%	D- = 60-62%    F = 59% ↓

\*AP courses will be weighted and use the following grading scale:

A = 4.5	A- = 4.17	B+ = 3.83
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B = 3.5	B- = 3.17	C+ = 2.83
C = 2.5	C- = 2.17	D+ = 1.83
D = 1.5	D- = 1.17	

## **GRADING**

- **Tests (50%):** There will be a test at the end of each unit. The test will be a cumulative assessment of all skills for that particular unit along with review questions from previous units. Also, there will be a final test at the end of each semester that covers all skills in the course. **Students may retake a test in order to achieve a better grade.** The student must complete all practice from the chapter and make corrections to the original test with their teacher before retaking. The retake test must be completed within 1 week of receiving the original test back. Tests may be retaken before/after school or during study halls with instructor approval.
- **Quizzes (30%):** Each unit is broken down into specific skills. There will be a quiz given about half way through each unit. **Students may retake a quiz in order to achieve a better grade.** The student must complete all practice from the chapter and make corrections to the original test with their teacher before retaking. The retake quiz must be completed within 1 week of receiving the original quiz back. Quizzes may be retaken before/after school or during study halls with instructor approval.

*\* Tests and Quizzes should be easy if the homework has been done carefully.\**

- **Homework (20%):** Homework is a very important component in mastering Algebra 2. You can **expect** homework every night. The Algebra 2 workbook will be collected on assessment(quiz/test) days. **Homework will be scored on the following criteria:** Problems are completed, work processes are shown, and accuracy.

## **Grade Post Dates**

**Semester 1:** September 24, October 24, November 25, and January 10

**Semester 2:** February 13, March 26, April 29, and May 30



## **LATE WORK**

Late work will be accepted up until the end of the essential learning outcome summative assessment (end of unit), and then no late work will be accepted for credit. There will be no penalty for late work until the essential learning outcome summative has been completed, indicating the end of the unit.

When a student is absent from school (whether the absence is excused or unexcused) he/she will be required to make up all work that was missed during the absence. Students shall receive full credit earned for school work made up due to absences and are expected to do so in a timely manner in order to not fall behind. Similar to the late work policy, students will have until the essential learning outcome summative (end of unit) to turn in the work with no grade penalty.

## **RETAKE POLICY**

Students are expected to aim to perform well the first time on assessments. There are times when mastery hasn't been demonstrated due to a variety of reasons. Students choosing to retake must complete the process within one week (5 school days) of receiving back the graded assessment.

If a student wishes to retake, the student must initiate communication with the teacher, complete a retake form, and schedule a time to do so. This can be completed during a study hall, a time arranged with the teacher, or before/after school with a teacher of that subject area. In order to qualify for a retake, all necessary work must be turned in prior to the original assessment (i.e. homework, study guides).

Students can retake an individual assessment only one time and are allowed four (4) retakes during the semester per class. Those students enrolled in DMACC and/or AP classes will follow the course syllabus. There will not be retakes allowed on semester exams for any class.

Note: There are some projects/assignments/assessments that may not qualify for a retake. This will be at the teacher's discretion.

## **W.I.N.**

The purpose of W.I.N. is to provide students with an opportunity for reteaching of specific concepts/skills, retaking assessments, and providing supplemental materials for the essential learning standard(s). Teachers will request students as needed, but students may also elect to go to a specific teacher during this time.



Sign-up for W.I.N. takes place every day Tuesday through Friday from the beginning of 2nd period until 9:15 a.m.

### **ACADEMIC INTEGRITY**

All student learning is based on the understanding that everyone is thoughtfully engaged in academic tasks and respectful of the work of others. Academic integrity applies to all aspects of teaching and learning. Class assignments and assessments are tools to help students learn; grades show to what degree students achieve learning goals. Therefore, all assignments and assessments for which students receive grades should result from the student's own effort and understanding.

Behaviors that violate Bondurant-Farrar's standards for academic integrity include but are not limited to:

- **Plagiarizing work:** Whether the source material is from another student, the web or any other medium, students will not appropriate source material and pass it off as their own.
- **Sharing work or unauthorized collaboration:** Students will not aid or assist other students in any way on individually assigned tasks.
- **Cheating:** All traditional forms of cheating are also unacceptable. This includes behaviors such as capturing images of tests, communicating during exams, etc.
- **Falsifying Information:** Students will not change a grade assigned by a teacher electronically or in the teacher's grade book.

First offense:

- Student will be asked to complete an alternative assignment/assessment potentially under adult supervision
- Appropriate disciplinary actions will be assigned, including but not limited to detention, in-school suspension, parent communication/meeting, or other additional measures

Second offense:

- Student will receive no credit for the assignment/assessment
- Appropriate and potentially more serious disciplinary actions will be assigned, including but not limited to detention, in-school suspension, parent communication/meeting, or other additional measures

### **ELECTRONIC DEVICE POLICY**

Electronic devices such as cell phones, smart watches, headphones, and earbuds, not provided by the school, can cause disruption to the school



environment and interfere with student learning. All electronic devices must be concealed during instructional time unless authorized by the classroom teacher for instructional purposes. Students are expected to refrain from using their devices for non-academic purposes. Misuse of devices include but are not limited to taking photos/video in the locker room or restroom, using a device to cheat, using a device to incite violence, using a device to bully, harass, threaten, or intimidate another person including a student or staff member, to disseminate inappropriate photos/videos or other restricted materia, etc.

Bondurant-Farrar High School assumes **NO RESPONSIBILITY** for the loss or theft of any electronic devices nor is it obligated to investigate any loss or theft. If you are concerned about loss or theft, leave the device at home.

Violation of this rule can result in the following, including but not limited to: loss of school privileges, detention, in-school suspension, out-of-school suspension, application of the Good Conduct Rule penalties, or in severe cases, taken before the Board for purposes of expulsion. Depending on the severity of the misuse, local law enforcement may also be contacted.

**1st Offense:** Verbal warning and request to conceal device

**2nd Offense:** Minor referral, student places phone on teacher's desk and student will retrieve it at the end of class.

**3rd Offense:** Major referral (Insubordination), student will be asked to retrieve at the end of the day from the office.

**4th Offense:** Major referral (Insubordination), parent/guardian will be asked to pick up at the end of day from the office.

**Consequences for additional offenses will be determined by building administration.**

### **ADDITIONAL INFO**

\*All personal electronic devices (cell phones, smart watches, etc.) will not be permitted during assessments/corrections/retakes. At the start of class on an assessment day, students must either keep them in their locker, place them in the calculator pockets, or place them at the front of the room on the dry erase board tray. Students will be able to collect their devices at the end of the class



period.

\*In order to be eligible to retake an assessment, a student must turn in the review 100% completed the day of the assessment **AND** have 100% of homework completed with work processes shown. If a review/homework is not turned in or is not 100% completed, then the student will not be eligible for the retake.

If you have any questions or concerns about Algebra 2, please do not hesitate to contact your teacher.

Ms. Julin                      Email: [juline@bfschools.org](mailto:juline@bfschools.org)

Ms. Hook                      Email: [hooks@bfschools.org](mailto:hooks@bfschools.org)