**Algebra II Syllabus**

**Ms. Brown**

**Contact Information:**  Email: martisha.brown@elmoreco.com

 Planning: 5th period, 11:29 - 1:06 (Mon, Tues, or Fri)

 11:20 – 1:17 (Wed)

**Course Description:** Algebra II is a terminating course designed to extend students’ algebraic knowledge and skills beyond Algebra I. Students are encouraged to solve problems using a variety of methods that promote the development of improved communication skills and foster a deeper understanding of mathematics. To help students appreciate the power of algebra, application-based problems are incorporated throughout the course. The use of appropriate technology is also encouraged for numerical and graphical investigations. The prerequisites for Algebra II are Algebra I and Geometry.

**Algebra II Content**

**Unit 1: Solving Equations and Inequalities**

**Unit 2: Linear Relations and Functions**

**Unit 3: Systems of Equations and Inequalities**

**\*\*End of 1st 9 weeks\*\***

**Unit 4: Polynomials**

**Unit 5: Quadratic Functions and Inequalities**

**\*\*End of 2nd 9 weeks\*\***

**Unit 6: Polynomial Functions**

**Unit 7: Conic Sections**

**Unit 8: Rational Expressions and Equations**

**\*\*End of 3rd 9 weeks\*\***

**Unit 9: Exponential and Logarithmic Relations**

**Unit 10: Sequences and Series**

**Unit 11: Matrices**

**Unit 12: Statistics and Probability**

 **\*\*End of 4th 9 weeks\*\***

**INow Home Portal**: Each student/parent will receive a login. You will be able to monitor grades, attendance and view lesson plans.

**Remind101**: Reminders will be sent out for homework, tests, tutoring dates/times, and any other necessary announcements. Please join your class listed below.

**2nd Period**: Text **@2msbralg** to ***81010***

**4th Period**: Text **@4msbralg** to ***81010***

**The following items will need to be purchased for this class:**

1. 3 ring binder (at least 1 ½ in) – can be used for more than one class
2. loose leaf notebook paper
3. quad paper (for graphing)
4. Pencils, Pencils, Pencils!!
5. Calculator: TI-84 or TI-nspire (not CAS). If not investing in a graphing calculator at this time, you definitely need a TI-30XIIS. Please do not purchase brands other than Texas Instrument

**Teacher Wish List:**

These items are used throughout the year. Your donations are greatly appreciated!!

Kleenex Paper Towels Clorox Wipes

Hand Sanitizer Expo Markers Pencils

**Assessments and Grading:**

Throughout the year, students will be graded through several forms of assessment. Not all assignments will be taken-up and graded. Nevertheless, students are required to complete all assignments for their own benefit.

Grades will be weighted according to the following scale:

 Tests 60%

 Daily Work 35%

 Benchmark 5%

Detailed progress reports will be issued approximately every 4 weeks to be signed by parent or legal guardian. Report **cards will be sent home at the end of every nine weeks to be signed by a parent or legal guardian.**

**Make-up Work/ Tests:** It is the responsibility of the student to check with me when they return to class for any missed assignments that occurred during their absence. All make-up assignments must be returned within 3 days of returning. Unexcused absences will be given a zero for the assignment until excuse is submitted to the office. Make-up for missed tests will be done afterschool at an agreed upon time or during Indian Period. **Tests will not be made up during instructional time.**

**Late Work**: Since assignments are designed to help students succeed and understand concepts, late work will be accepted. However, only 70% credit will be awarded on grade received on assignment. Work is considered late if it is not turned in with the entire class unless student is absent from class. **Late work will not be accepted after test is administered on that material.**

**Classroom Rules:**

1. Be respectful to all.
2. Be on time.
3. Be seated.
4. Be quiet.
5. Be prepared for class.
6. Follow directions.

**Consequences**: The following is a sequence of consequences that will occur in response to undesirable student behavior.

* 1st Offense – Teacher/Student conference (potential parent notification)
* 2nd Offense – Parent notification by teacher and consequences for actions
* 3rd Offense: Parent notification and assignment to ISS
* 4th Offense: Referral to an administrator as a Class II offense

**NOTE: Be sure to read the school handbook for additional school-wide policies and procedures not covered in this plan.**

**Cell Phone Procedures:** Cell phones will be placed in specified storage area upon entering the classroom unless teacher indicates they will be needed for instructional purposes.

If student is observed using cell phone without prior approval during class time, the following plan will be enforced.

* 1st offense: Students will receive a verbal warning and parents will be notified of student’s noncompliance with school procedure.
* 2nd offense: Students can receive up to 3 days in ISS.
* 3rd offense: Students can receive up to 5 days in ISS or other school designated discipline.
* All other offenses can result in out of school suspension.
* Student in possession of cell phone/electronic device (including smart watch) during test will receive a grade of zero.

**Restroom Passes**: The restroom is available to all students before school, in between classes (4 minutes), during break, and during lunch. Instructional time is extremely important so students will only be allowed to leave class in emergency situations.

**Food/Drinks in the Classroom:** No food or drink is permitted in the classroom. If caught with food, it will be thrown away and the student will be written up on a classroom management form.

**\*** Ms. Brown reserves the right to make any changes as she deems necessary throughout the school year to the syllabus.