

Algebra 2 Syllabus 2016-2017

Greer Middle College Charter High School

Teacher: Ella Kate Williams

Email: ekwilliams@greermiddlecollege.org (preferred method of contact)

Room: B14

Prerequisite: Completion of Algebra 1 and Geometry

COURSE DESCRIPTION:

Algebra 2 extends students' repertoire of functions to include polynomial, rational, and radical functions. Students expand their abilities to model real-world situations, including solving quadratic equations involving complex numbers and solving exponential equations by using logarithms. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful and logical subject.

MATERIALS:

- Glencoe Algebra 2 2012, all students will receive a school issued textbook
- Calculator. A graphing calculator is **required**.
- **Pencils** students may not turn in quizzes or tests in pen.
- Composition Notebook. Students will be issued a notebook on the first day of school if they do not have one, but are expected to replace the one they are given.

REQUIREMENTS AND POLICIES:

- Behavior: Follow all rules and requirements listed in the GMC student handbook.
- Preparation: Come to class each day, on time and prepared (with all materials required for that day).
- Absences: Students may have **five** absences for the entire year; unexcused absences in excess of five will result in no credit for the class. If a student is absent, please check the absence folder in Ms. Williams' room for missed work. Students that are absent will have up to 5 **school** days to make up any assignments.
- Productivity: Use class time to focus on the work and learning, and complete assignments as they are assigned.
- Cell Phones: Phones may only be used with explicit instruction from Ms. Williams. When students have permission to use phones they must use it **ONLY** for that purpose, no texting, surfing internet, etc unless instructed. Using technology in the classroom is a privilege that may be revoked at any time.
- Late Work: Complete and submit work on time. Late work will not be accepted for minor assignments. School policy will be followed for late major assignments.
- Restrooms: Students will be issued 2 bathroom passes per semester to use. There are eight minutes between each class, which should be sufficient time to take care of any restroom issues.
- Honesty: Students are responsible for the integrity of their work. Copying work and cheating will not be tolerated.
- Office Hours: Ms. Williams' office hours are on Mondays from 3:05-3:45 and otherwise by appointment. Students are encouraged to seek additional help during these hours. In the

event of a major grade below 80, students will be given the opportunity to retest (please see handbook for more information).

- **Parent Portal:** Parents will be able to follow students' progress by checking grades on the Parent Portal. Please check students' grades regularly, and do not hesitate to contact Ms. Williams at ekwilliams@greermiddlecollege.org with concerns.
- **Website/Google Calendar:** See Ms. Williams' site and Google Calendar for more detailed information regarding notes, due dates, assignments and announcements.

<http://greermiddlecollege.org/faculty-staff/math/ella-kate-williams/>

GRADING SCALE: (SC Grading Scale)

A: 100-90

B: 89-80

C: 79-70 *No course credit will be given for final grades below 80.

D: 69-60

F: 59-0

COURSE ASSIGNMENTS:

- **60% Tests/Projects/Portfolios:** Students will be given a final assessment on each unit. These assessments will consist of Portfolios, Tests, Projects or a combination of the last two. A study guide will be provided for every test and a rubric for every project/portfolio.
- **30% Classwork/Quizzes:** Quizzes will be given throughout each unit. Classwork consists of activities and assignments that are required to be completed during class.
- **10% Participation/Homework:** During class students may be asked to work in pairs, groups or independently and given grade for participation/completing the assignment/task. Homework will be assigned most days, though students will often have time in class to begin working on it.

Course Outline and Timeline*:

First Semester:

Quarter 1

Chapter 3

Chapter 4

Quarter 2

Chapter 5

Chapter 6

Second Semester:

Quarter 3

Chapter 6

Chapter 7

Quarter 4

Chapter 2

Chapter 8

**The stated timeline is subject to change at the discretion of the teacher.*