

## *Algebra II Course Syllabus*

**Instructor:** Mrs. Bethany King

**Room:** 101

**Email:** bgking8611@gmail.com

**Tutoring Hours:** Tuesday and Thursday 7:45 – 8:30 am, in addition to the lunch hour on Tuesdays and Thursdays, unless otherwise arranged

**Course Textbook:** Algebra 2; Larson, 2007; McDougal Littell and its Supplemental Materials

### **Course Description:**

Algebra II is a course designed to encourage the exploration of functions algebraically, numerically and graphically. These strategies combined with technology usage and standard pencil/paper practices will further students' critical thinking and problem solving skills in mathematics. Students will explore the diverse array of rational, quadratic, polynomial, logarithmic, exponential and trigonometric functions through a variety of approaches. All information gained from this course will provide students with hands-on experiences to support mathematical computations presented on standardized and college placement testing.

Graphing calculators (TI-84) are an integral instructional tool for secondary mathematics that will allow students to explore a variety of approaches to problem solving. Classroom calculators **will be** provided for classroom usage only, although it is strongly suggested that a scientific or graphing calculator be purchased for home usage.

### **Absence Policy:**

Attendance will be closely monitored at all time to receive course credit. Individual circumstances will be examined on a case-by-case basis provided appropriate documentation. Course level mastery is unlikely with more than **five** unexcused absences. **Five unexcused absences results in automatic failure of course, per the school handbook. Three unexcused tardies is equivalent to one unexcused absence.**

### **Evaluation:**

Student achievement will be measured using multiple assessment tools including but not limited to chapter and cumulative assessments, quizzes, homework, classwork, projects, and open participation. Percentage factors are:

<b>Tests/Quizzes</b>	<b>30%</b>
<b>Projects</b>	<b>30%</b>
<b>Homework</b>	<b>30%</b>
<b>Participation</b>	<b>10%</b>

### **Academic Integrity and Plagiarism:**

Any substantiated case of plagiarism – whether intentional or unintentional – may result in loss of course credit.

Collaboration with other students during assessments is strictly prohibited. Violation of this rule will result in failure for the assignment.

### **Rules and Expectations:**

Students are required to:

- Arrive to class on-time daily. Teacher will not guarantee return to lockers.
- Come prepared, take notes, receive and complete assignments, and participate in group discussions.
- Seek help when needed. Tutoring is always available via teacher, Georgetown tutors, or peers.
- Take **weekly** assessments. If absent, make-ups are provided during the lunch period.
- Complete **daily** homework and/or study.
- Dispose/remove all headgear, cell phones, electronic devices, food or gum. In addition to, refrain from inappropriate language, etc. Appropriate consequences will be adhered according to Duke Ellington School of the Arts Handbook.

### **Standard Grading Scale:**

Student achievement is based upon the following scale.

A	100 – 94
A-	93 – 90
B+	89 – 87
B	86 – 84
B-	83 – 80
C+	79 – 77
C	76 – 74
C-	73 – 70
D	69 – 65
F	64 and below

### **Course Supply Request:**

- 3 – Ring Binder
- Loose Leaf Paper
- Pocket Folder
- Pens (have a spare with you)
- TI-84 Graphing Calculator\*

\*(for assignments outside of class and future mathematics courses)

Duke Ellington School of the Arts is a very demanding institution. Students should have personal skills such as time management, organization, and concentration to give 100% commitment to their educational and artistic success.

I look forward to an enjoyable 2011 – 2012 school year.

Sincerely,  
--Mrs King