

Algebra I Course Syllabus

Instructor: Mrs. Shanna Roach

Room: 116

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Tutoring Hours: Tuesday and Thursday 7:45 – 8:30 am

Course Textbook: *Algebra 1*; Larson, 2007; McDougal Littell
and its Supplemental Materials

Course Description:

The Algebra I course is designed for students to gain an understanding of the real number system as a basic structure of algebra and to teach students to apply algebraic concepts to problem solving. Instructional concepts covered include: operations with real numbers, solving equations and inequalities in one variable, graphing linear equations, polynomial functions, factoring quadratics, solving systems of linear equations, and the quadratic formula.

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.

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. Yet, course level mastery is unlikely with more than **five** unexcused absences. **Five unexcused absences result in automatic failure of course. 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:

Projects/Tests	35%
Quizzes	30%
Classwork/Homework	25%
Participation	10%

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 – 93
A-	92 – 90
B+	89 – 87
B	86 – 83
B-	82 – 80
C+	79 – 77
C	76 – 73
C-	72 – 70
D+	69 – 67
D	66 – 64
F	63 and below

Course Supply Request:

- Agenda Book
- 3-Ring Binder with 3 Dividers **OR** One subject spiral notebook (200 sheets or more)
- Loose Leaf Paper
- Pocket Folder
- #2 Pencils/Mechanical Pencils
- One Highlighter
- Erasers
- Pack of 12 or 24 Colored Pencils
- Graph Paper
- Straight Edge/Ruler
- TI-84 Graphical Calculator (not mandatory, but highly recommended)

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

I look forward to an enjoyable 2011 – 2012 school year.
Press on and persevere!