

***FORSYTH COUNTY COURSE SYLLABUS
2011-2012***

COURSE TITLE: Mathematics I	
TEACHER NAME:	E-MAIL:
ROOM:	PHONE: EXT:

Course Description: Mathematics I: Algebra / Geometry / Statistics

(Prerequisite: Successful completion of 8th Grade Mathematics)

This is the first in the sequence of secondary mathematics courses designed to ensure that students are college and work ready. This course requires students to:

- Explore the characteristics of basic functions using tables, graphs, and simple algebraic techniques
- Operate with radical, polynomial, and rational expressions
- Solve a variety of equations, including quadratic equations with a leading coefficient of one, radical equations, and rational equations
- Investigate properties of geometric figures in the coordinate plane
- Use the language of mathematical argument and justification
- Discover, prove, and apply properties of polygons
- Utilize counting techniques and determine probability
- Use summary statistics to compare samples to populations
- Explore the variability of data
- EOCT

Standards: Course Standards can be found at www.georgiastandards.org

Learning Resources/Textbook(s): *Georgia High School Mathematics 1* – McDougal Littell; student note taking guide, test prep workbook Replacement cost: **\$69.48**

Availability for Extra Help:

CLASSROOM RULES

Since this is a high school classroom, I expect that all students will present themselves in a mature and respectful manner. Here are some specific expectations:

- Be in your seat and ready with all necessary materials when the bell rings.
- No food or drink is allowed in the classroom.
- Passes to lockers, restroom, etc. will only be given in emergency situations. Students must use their agenda as a hall pass.
- Respect your self, other students, the teacher, and any other adult visitors to the classroom.
- Profanity will not be tolerated!

In cases of inappropriate behavior, this is the discipline procedure that I will follow.

1. Warning.
2. Before/After School Detention and phone call home.

**** In cases of severe disrespect or inappropriate behavior, students will be referred to an administrator. Required**

Assignments: Tasks (Real-life Applications), Quizzes, Tests, and Projects

Makeup Work: All missed work and assessments are the responsibility of the student when they are absent from school. A student who is absent on the class day before a regularly scheduled assessment will be responsible for completing the assignment on the regularly scheduled day and time. Students who have been absent more than two consecutive days (including the assessment day) will be given five (5) school days to make up the assessment and/or other assignments. This does not include major projects, research papers, etc., where the deadline has been posted in advance. The teacher has the discretion to grant a longer period of time to make up work if there are extenuating circumstances.

Grading Calculations:

Course Average = 42.5% (1ST Sem. Course Work) + 42.5% (2ND Sem. Course Work) + 15% EOCT or Final Exam

1ST & 2ND Semester Course Work = 75% Summative + 25% Formative

Grading Policy:

A = 90 – 100

B = 80 – 89

C = 70 – 79

Failing = Below 70

**Formative Assessments include, but are not limited to homework, class work, practice tests, and sections of projects/presentations.*

**Summative Assessments include, but are not limited to unit tests, projects/presentations.*

Supplies:

2-Inch Three-Ring Binder with Dividers

Loose Leaf Paper

Graph Paper

Pencils

Colored Pens

Colored Pencils

Scientific Calculator (TI 30X Multiview is recommended)

Note Cards

Ruler

Protractor

Compass

Dry Erase Markers

***My expectations are high, but together we can achieve our goals.
Be here, be positive, be willing to work, and you will succeed!***

Math I Syllabus

Please sign the following and have a parent or guardian sign it as well before returning it to * by the end of the week.

“I have received a copy of the syllabus during the first week of enrollment in this class. I understand what the expectations and responsibilities are of the student.”

Parent or guardian's signature _____

Date: _____

Parent or guardian's email
address _____

Student signature _____

Date: _____

Student name (print) _____

Grade Level: _____