

# Frank McClarin High School

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## Chemistry Syllabus - Semester I & II Fall/Winter/Spring 2008– 2009

**Instructor: Ms. Augustine      Business Phone: 404-669 – 8080 x  
AugustineS@fulton.k12.ga.us**

### Conference and Tutorial hours:

Tuesday & Thursday: 7:30-8:00am; 3:00-3:30pm  
Also by appointments

### Required Text:

Glencoe Chemistry - Matter and Change  
Publisher: McGraw Hill

## Course Description:

Course Title: Chemistry I

This course provides an introduction to the following:

Classification, structure, and changes in matter the quantitative and theoretical relationships in chemical reactions, gases and solutions the more advanced topics in chemistry including acid-base systems, oxidation-reduction, and nuclear chemistry.

Laboratory experience is an important part of this course. At least 25% of the class time will be spent in the laboratory. All students must satisfy the following requirements before being allowed to participate in any laboratory activity: (1) Take a safety test and make a score of “80” or higher; (2) Sign and have a parent sign the laboratory safety contract provided by the teacher.

### **Course Prerequisite(s)**

Algebra I

## Course Outline (approximate length in class periods)

Laboratory Safety (2)  
Introduction to Science and Classification of Matter (2)  
Scientific Method and Measurement/Problem Solving (3)  
Atomic Theory and the Mole Concept (5)  
Periodic Trends (2)  
Chemical Bonding (3)  
Chemical Composition and Nomenclature (3)  
Chemical Reactions (4)  
Stoichiometry (5)  
Kinetic Theory and Gas Laws (3)  
Liquids and Solids, Phase Changes (5)  
Solutions (3)  
Acids, Bases and Salts (2)  
Chemical Equilibrium (3)  
Thermochemistry (5)  
Oxidation-Reduction (5)  
Nuclear Chemistry (2)  
Organic Chemistry (3)

## Final Grade Determination

A. Class work / participation	- 20%
B. quiz	- 15%
C. lab	- 25
D. project	- 20%
E. Test	- 10%
E. Final exam	- 10%

## Recovery

*Recovery opportunities will be allowed if a student's performance indicates a significant decline in achievement or a failing cumulative grade. Recovery work must be directly related to the course objectives.*

## Extra Help

It is up to you to seek help. **Tutorial is available after school from 3:45 to 4:30 PM on Tuesdays and Wednesdays.** You must obtain a hall pass before coming to a tutorial session and you must arrive by 3:50 in order to attend a tutorial session. ***Do not let a small problem become a large problem. Ask questions and seek help as soon as a problem arises.***

**Pacing Chart:** A daily pacing chart will be provided to keep you abreast of daily instructions. There may be slight changes in exact dates a topic is taught as the semester progresses.

**Projects:** A project is required by Fulton County Schools for each unit in chemistry. You will be given instructions for the projects as near the end of the unit. The project will require you to use knowledge gained from the unit. Attending class regularly is critical to success with your projects!

### Fulton County Grading Plan

A	90 – above
B	80 – 89
C	70 – 79
F	69 – below
W/ (1-100)	Withdrew/Pass or Fail
NG	No Grade
INC	Incomplete

### Policy on All Class Work

**Seat Work:** Will be monitored and checked daily.

**Homework:** Given once or twice a week.

**Journal:** Will be kept at school; further details explained in class

**Quizzes/Tests/Sponge Activities:** Given per unit & at teacher's discretion

**Final Exam:** All students must take and pass the final-exam!

**Internet:** **PLAGARISM ON RESEARCH for PROJECTS WILL RESULT IN 0%. NO RECOVERY!!**

**Recovery Work:** **For those students who have completed all work, but due to extenuating circumstances the student is not able to pass the course. I will provide opportunity for that student to pass the class. It is the student's responsibility to contact the teacher for recovery opportunity. The work must be completed 10 days prior to end of semester.**

### Attendance Policy

-Expected to attend class **daily**

-**Be in class BEFORE THE BELL;** after the bell, you are **TARDY!!!**

-Student responsibility to ask for missed assignments (this is only for excused absences). Xerox a copy of your excused note with appropriate contact name and numbers.

### Classroom Expectations

- **ON TIME, WITH WRITING UTENSIL**
- **SIGN – IN, GET FOLDER/SPONGE ACTIVITY, BEGIN WORKING**
- **No Book bags** are allowed in class.
- Absences: You cannot miss more than 5 days in each 60 day period.
- **ABSOLUTELY NO EATING/ DRINKING IN CLASS!**
- **ABSOLUTELY NO TALKING OR CHEATING DURING TESTS. A 0% will result.**

***You have a brain, as long as you are carrying it around, you might as well use it!***

***- Dr. Richard A. Goode***

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Student Signature

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Parent Signature

