

Chemistry  
Fall 2011  
Mr. Bradley

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Description: This course will cover basic chemistry detailed in Georgia Performance Science Standards.

Standards:

**SC1 Students will analyze the nature of matter and its classifications.**

**SC2 Students will relate how the Law of Conservation of Matter is used to determine chemical composition in compounds and chemical reactions.**

**SC3 Students will use the modern atomic theory to explain the characteristics of atoms.**

**SC4. Students will use the organization of the Periodic Table to predict properties of elements.**

**SC5. Students will understand that the rate at which a chemical reaction occurs can be affected by changing concentration, temperature, or pressure and the addition of a catalyst.**

**SC6. Students will understand the effects motion of atoms and molecules in chemical and physical processes.**

**SC7. Students will characterize the properties that describe solutions and the nature of acids and bases.**

Materials: 3 ring binder (2 inch), colored pencils, ruler, writing utensil, calculator,  
2 pencils, 2 pens, lab fee \$5.00

Grading: Daily Grades: 35% for all students.  
Tests, Projects: 45% for incoming freshman; 50% for all other students  
EOCT/Final: 20% for incoming freshman; 15% for all other students

School Rules: Respect, Restraint, Responsibility

Respect: Treat yourself and others with respect in all regards.

Restraint: Restrain yourself to be self-controlled at all times.

Responsibility: Take responsibility for making your own choices and accepting the consequences of those choices.

Additional Rules:

1. IDs must be worn at ALL times, including class time.
2. Cell phones and electronic devices are NOT permitted during class time.
3. NO hats are to be worn in the building at any time.

Class Rules/Procedures

1. Be Prepared (Bring all materials to class, be in your seat when the bell rings)
2. Be Respectful (respect peers, do not speak while I am speaking)
3. Be Productive (follow all directions, stay on task, do your work during class)
4. Be Safe (follow all directions during labs, follow all lab safety rules, no horseplay in the classroom)

If you break any of the above class rules, the following sequences of actions will be taken. Immediate detention, parent contact, or office referral may occur in extreme circumstances at my discretion.

- 1st violation - warning
- 2nd violation - 15 minute detention
- 3rd violation/skip - 30 minute detention/parent contact
- 4th violation/skip - office referral

Make-up Policy

Students will have two days to make up work per day missed. If you are absent, you are responsible for finding out what you missed from me (not from another student). Make-up exams will be given at my discretion.

### Emergency Procedures

Remain calm in the event of any emergency and listen carefully to any instructions from the teacher.

**Evacuation Procedures:** In the event of a fire, follow your teacher's instructions closely. We will evacuate the classroom in an orderly manner and leave the building through the third floor main entrance, walking up the hill.

**First Aid:** See your teacher for any injury that may need first aid. Band-Aids will be kept in the classroom, and for more serious problems, the school nurse is available.

**Emergency Health Concerns:** If any student has an immediate health problem (severe allergic reaction, seizure, etc.), notify the teacher *immediately*. Move away from the student. The teacher will press a call button to alert the office of the emergency, and a team of teachers trained as first responders will be notified and take care of the student.