

## Honors Chemistry Syllabus/2016-2017/Mrs. Ahmed

**Website:** <https://cynthiaahmed.wikispaces.com/> (contains daily plan page and book website)

**Course Goal:** To prepare students for AP Chemistry and/or the first year of college chemistry

**Supplies:** Bring all items below to class each day.

- Text: Chemistry Matter and Change (Glenco)
- Three-ring binder (1 inch or 1 ½ inch) may be hard or soft-sided (my preference), but **no zips or Velcro please!**
- Set of 5 divider tabs with labels (1) Notes; (2) HW; (3) References; (4) Labs, (5) Tests--should be ordered oldest to newest)
- Lined notebook paper (loose leaf/**no spiral**)
- Pencils with erasers (all quizzes and tests), pens (optional for class notes), red pen for occasional grading
- Calculator with scientific notation capability

### Course Content:

Chapter		
Ch. 1: An Introduction to Chemistry		Ch. 11: Stoichiometry
Ch. 2: Analyzing Data		Ch. 12: States of Matter
Ch. 3: Matter: Properties and Changes		Ch. 13: Gases
Ch. 4: The Structure of the Atom		Ch. 14: Mixtures and Solutions
Ch. 5: Electrons in Atoms		Ch. 15: Energy and Chemical Change
Ch. 6: The Periodic Table and Periodic Law		Ch. 16: Reaction Rates
Ch. 7: Ionic Compounds and Metals		Ch. 17: Chemical Equilibrium
Ch. 8: Covalent Bonding		Ch. 18: Acids and Bases
Ch. 9: Chemical Reactions		Ch. 19: Redox Reactions
Ch. 10: The Mole		Ch. 20: Electrochemistry

### Grade Breakdown:

#### Quarterly

60% Tests

25% Lab

15% Daily Work (notebook, HW, quizzes)

#### Semester

40% First Quarter

40% Second Quarter

20% (Final Exam)

### General Policies:

- Respect is expected.
- No electronic devices (besides calculators) should be used in class. Computer access will be needed at home.
- Drinks (with the exception of energy drinks) are allowed in the classroom, but not in lab. All containers should be reusable or recyclable.
- Lunch sign up should take place before school.
- **Late Policy:** Late assignments are only accepted **one period** past due date. Any late assignment or lab report is subject to a **20%** deduction.

**In Case of Absence:**

Check “plan page” to see what assignment is due the next class. If a test or quiz is scheduled, be prepared for it.

If a lab or test is missed, be sure to schedule a make-up time as soon as possible. (first day back)

Labs and or tests will most likely need to be made up outside of the school day.

**Helpful Hint:** The most important thing one may do to be successful in the class is to ATTEND class EVERY day!

**Extra Help/Tutoring/Parent Conferences:**

Extra help is often available after school or during lunch. Please send me an e-mail or stop by and ask for an available time slot if you are interested. I would much rather help you SOONER rather than later! Parents can e-mail ([Cynthia.ahmed@signature.edu](mailto:Cynthia.ahmed@signature.edu)) with any concerns or call the school (421-1820) to set up a conference.

**Suggestions for Success:**

1. Come prepared to class each day. Bring your materials. Always review notes from the last class the night before the next one. The more times the notes are reviewed, the easier it will be to prepare for the next test.
2. Read the text book! I will give you “puzzle pieces” in the lecture each day. When you read the book, it helps all of the “puzzle pieces” fit together so you can see a clear picture.
3. Re-work example problems from class and the text to solidify processes. (answers and work for selected problems are found in the back of the book)
4. Don’t be shy about asking questions in class! I want to know if you don’t understand. Chances are if you have a question, then someone else in the class does too!
5. Work on the homework a little at a time instead of trying to do the whole assignment the night before it is due. Ask questions on any problems that you are having difficulty with PRIOR to the day the homework is due.
6. If you are struggling, consider working with another student or make an appointment with me for one-on-one help. Remember, the time for me to find out you don’t understand should NOT be when I am grading your test!

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Date: \_\_\_\_\_

