

Honors Chemistry Syllabus/2017-2018/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: Basic Chemistry (Timberlake & Timberlake)
- Three-ring binder (1 inch or 1 ½ inch) may be hard or soft-sided, but **no zips or Velcro please!**
- Set of 5 divider tabs with labels: (1) Notes; (2) HW; (3) References; (4) Labs, (5) Tests. All sections 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:

Ch. 1: Chemistry in our Lives	Ch. 10: Bonding and Properties of Solids and Liquids
Ch. 2: Chemistry and Measurement	Ch. 11: Gases
Ch. 3: Matter and Energy	Ch. 12: Solutions
Ch. 4: Atoms and Elements	Ch. 13: Reaction Rates and Chemical Equilibrium
Ch. 5: Electronic Structure of Atoms and Periodic Trends	Ch. 14: Acids and Bases
Ch. 6: Ionic and Molecular Compounds	Ch. 15: Oxidation and Reduction
Ch. 7: Chemical Quantities	Ch. 16: Nuclear Chemistry
Ch. 8: Chemical Reactions	Ch. 17: Organic Chemistry
Ch. 9: Chemical Quantities in Reactions	Ch. 18: Biochemistry

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.
- **Late Policy:** Late assignments are only accepted **one period** past due date. Any late assignment or lab report is subject to a **20%** deduction. You may be required to come in before or after school to go over the assignment.

In Case of Absence:

If you must be absent, be **RESPONSIBLY ABSENT!** This means:

- Check the “plan page” to see what assignment is due the next class. If it is a quiz or a test, prepare for it.
- If a test or quiz is missed, email your teacher to schedule a make-up time as soon as possible. (preferably this will be made up before the next class meeting) Expect labs or tests to be made up outside of the school day.
- Come in on the first day back either before or after school (not at the start of your next chemistry class) to get any handouts that may have been passed out. Borrow notes from a friend and copy them down before the next class. Come and speak with your teacher either before or after school if anything is not clear.

Suggestions for Success:

1. Come prepared to class each day. The most important thing one may do to be successful in class is to ATTEND class EVERY 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!

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) with any concerns or call the school (421-1820) to set up a conference.

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____

