

General Chemistry

Ms. Ozar

2010-2011

Text: Chemistry, Holt

Cost: A fee will be assessed for a damaged or lost text

Course Philosophy:

In *Chemistry*, there is an emphasis on five themes, as adapted from the Unifying Concepts and Processes of the National Science Content Standards. These themes are: Systems, order and organization; Evidence, models and explanation; Change, constancy, and measurement; Evolution and equilibrium; and Form and function. Emphasis on themes contributes to the big picture by focusing learning on connections among major ideas and concepts.

Course Timeline & Content

<u>Topic/Concept</u>	<u>Suggested Time</u>	<u>Pages</u>
Matter & Measurement	3 weeks	2-71
Atomic Structure	3 weeks	72-114
Periodic Table	3 weeks	114-155
Bonding	4 weeks	156-221
Organic Chemistry	1 week	676-709
Chemical Equations	3 weeks	258-299
Nuclear Chemistry	1 week	640-675
Stoichiometry	4 weeks	222-335
Solutions	3 weeks	452-493
Enthalpy	4 weeks	336-375
Equilibrium & Kinetics	2 week	494-527, 574-601
Acids & Bases	2 week	528-573
Gases	3 weeks	414-451

Grade Distribution: The final average for the semester will be computed using the following approximate point values.

Homework & Classwork	10 points
Exams/quizzes	50 – 100 points
Lab (quizzes & write-ups)	50-75 points
Midterm & Final Exam	15% each

Grade Scale: A = 90-100, B = 80-89, C = 70-79, D = 60-69, F = below 60

Materials

- .. Scientific Calculator – Daily!
- .. Bound lab book with graph paper – Daily!
- .. Small 3-ring notebook with pockets for handouts and class work – Daily!
- .. Blue or black pen & pencil – Daily!

Practice

- .. Reading Assignments are not just strong suggestions; they are required assignments. You will be assessed on your reading through the completion of reading guides and reading assessments. Be prepared!
- .. Do your homework in the appropriate place – not in other classes or at the beginning of class. If you have trouble, carefully reread the information in your book. At least write down the steps being asked and outline as much as possible so I can see a genuine effort on your part.

Expectations

- .. You are responsible for all rules in your Student Handbook
- .. Students should be seated, quiet, and ready to begin work when the tardy bell rings. Class-time is YOUR time, the more we complete in class, the less you have to complete at home.
- .. Respect yourself, the instructor, the other students, and one another's property. Disrespectful behavior will not be tolerated in my class.

Laboratory

Regular class attendance is imperative. Please make every effort to be in class every day. If however, you are absent, check with me before or after school and then pick up any handouts you may have missed. Do not ask me for the assignments during the middle of class, it is YOUR responsibility to find a time to get the assignments

. The following policies apply:

- .. If you were present the day before a lab and on the day of the lab you do not have appropriate footwear or you have not completed your pre-lab write-up, *you will not be able to participate in the lab*. You will be given an opportunity to make up the lab after school. The instructor will set the date and time and it is not negotiable since labs require specific and timely setup. If you do not make up the lab, you will receive a 0% on your lab assessment.
- .. If you are absent on the day of a lab, you will have the opportunity to make up the lab (after school). The date is not negotiable. Should you choose not to come on the make-up day, you will receive a 0% on your lab assessment.

Since this is a lab-based course, lab safety is of utmost importance. *Any student that does not take lab safety seriously will not be allowed to participate in lab*. This includes proper care and clean up of the lab. Students are required to complete a safety contract before they can participate in lab. Both the parent and the student must sign the contract. Students are responsible for following all rules in the safety contract and will be tested over these rules prior to the first lab.

Policies (additional details will be provided)

- .. Make-up Work:
 - . It is the responsibility of the student to find out any assignments that were missed during an absence. You have the same amount of days you were absent to make up the work. Example: If you were absent Monday and Tuesday and came back Wednesday, your work would be due first thing Friday
 - These assignments can only be made up if the absence was excused.
 - . **Please Note:** If the only day missed was a test day, the policy does not apply and the test must be taken in class the day of your return.
 - All work is due in the appropriate drawer at the beginning of class the next day unless specified otherwise
 - On late homework you lose 2 points each day it is late. Example: If it was due on Monday and you turn it in on Friday, you could only earn a maximum total of 2 points
- .. Academic Dishonesty:
 - . Cheating does not pay in my class – don't even try it
 - . Any indication of cheating will result in a zero for the assignment
 - . This includes: crib sheets, unauthorized aid on a test, talking during a test, copying someone else's homework or failure to maintain eyes on your own paper

Extra Help

Stay after school as soon as you are experiencing difficulty. Avoid waiting until the day before the test to ask for help. Should you need help, I will stay after school for special help sessions. I cannot help you after school if you have slept or have not paid attention during class. The extra help sessions are only for those who have put forth the required effort in class. Currently, I am available after school for additional

help. Occasionally, after school help will not be available due to faculty meetings – please check with me if you plan on staying.

Please Note: The syllabus is subject to modification as the semester progresses. The instructor will keep you informed of any changes.

Passes

Each student will be given two passes to go to the bathroom or their locker each quarter. I will not give more than these two passes, so use them wisely. If a student does not use these passes at the end of the quarter they can be traded in for 10 points each towards the students grade

Food or Drink in the Classroom

Food or drink in my room is NOT permitted

Just remember:

On and on you will hike
and I know you'll hike far
and face up to your problems
whatever they are.

You'll get mixed up, of course,
as you already know.
You'll get mixed up
with many strange birds as you go.
So be sure when you step.
Step with care and great tact
and remember that Life's
a Great Balancing Act.
Just never forget to be dexterous and deft.
And never mix up your right foot with your left.

And will you succeed?
Yes! You will, indeed!
(98 and 3/4 percent guaranteed.)

KID, YOU'LL MOVE MOUNTAINS!

So...
be your name Buxbaum or Bixby or Bray
or Mordecai Ali Van Allen O'Shea,
you're off to Great Places!
Today is your day!
Your mountain is waiting.
So...get on your way!

"Oh the Places You'll Go" Dr. Seuss

-----Please cut off and return to me-----

Signatures: We have read and understand all of the above, and will abide by these guidelines.
Failure to comply with these guidelines will, likely, result in both disciplinary action and academic failure

Student _____ Parent _____

