

Mount Clemens High School AP Chemistry Course Syllabus

<u>Teacher Name</u>	<u>Room</u>	<u>School Year</u>
Ozar	230	2010-2011

Ms. Ozar 230 2008-2009

COURSE DESCRIPTION AND OBJECTIVES

AP Chemistry is designed to be the equivalent of a first year college general chemistry course and follows the College Board's AP Chemistry syllabus. As such, the course is suitable only for high school students who exhibit high levels of commitment, motivation and academic maturity. This course presents a rigorous treatment of the following concepts: the nature of matter, gas laws, thermodynamics, stoichiometry, bonding, chemical kinetics, chemical equilibria, and more. This course requires the successful completion of general chemistry and Algebra. Any exceptions must receive prior approval from the teacher. Students are expected to be motivated and spend extra time studying outside of class. The problem-solving strategies obtained during this course will prepare college-bound students for careers in the sciences, medicine, engineering, and other technical areas.

BASIC INSTRUCTIONAL MATERIALS

Text: Chemistry, 5th ed. Zumdahl, Zumdahl (2000). Students will be issued a book for home use.

SUPPLEMENTAL INSTRUCTIONAL MATERIALS

- Kits: Molecular Modeling Kits
- Laboratory Equipment and Chemicals: supplies necessary for laboratories provided by teacher.

SUPPLIES REQUIRED BY STUDENTS

- Calculator: scientific or graphing. Basic calculators are not acceptable. Calculators on cell phones, PDAs and other electronic devices are not acceptable. Students must have calculators with them on a daily basis.
- Composition Notebook: lined or quadrille acceptable. Loose leaf not acceptable for laboratory use. Required daily.
- 3 Ring Binder: Required daily.
- Writing Utensils: pen or pencil acceptable. Pencil preferred. Required daily.
- Highlighters: optional
- Color Pencils, Markers and/or Crayons: optional
- Hole Punch: optional.
- Whilst not an absolute requirement, it is very strongly recommended that students invest in one of the AP Chemistry course preparation books currently on the market. There are several available and each student should peruse the titles and select one based upon personal preference. It is not a good idea to wait until two weeks before the examination to purchase the book, buy it at the beginning of the course and use it regularly throughout the year. Four examples of such books are:

- o **Barron's How to Prepare for the AP Chemistry Examination by Neil D. Jespersen**
Publisher: Barron's Educational Series; ISBN: 0764120220; 3rd Edition (April 2003)

87.0-89.9%	B+	70.0-72.9%	C-	the following circumstances:
83.0-86.9%	B	67.0-69.9%	D+	• A major medical condition arises which prohibits the student
80.0-82.9%	B-	60.0-66.9%	D	from completing significant work during the grading period
		<60.0%	F	• A student has an unanticipated, yet excused, absence from
				the semester final exam
				• Special situations as approved by the principal

LATE WORK POLICY

- Late work will receive a 25% reduction for each school day the assignment is late after the accepted due date.
- Late work will not be accepted after the completion of a unit. This means no late work accepted after the administration of a unit test.

MAKE UP POLICY

Illness/Unforeseen Event

- If you are absent due to illness or some other unforeseen event, you will receive one day to make up missing assignments (homework, tests, quizzes, labs) for each day you have missed. (i.e. if you are sick for two days, you have two school days to make up missing assignments until you are caught up.)
- Any additional days past those given to make up assignments, will be treated the same as late work (see Late Work Policy above).
- If you are sick for more than one day, you should **call the school and get a homework request** from all of your teachers.
- Please talk to me the day of your return in order to receive your missing assignments.

Other Absences

- Vacations, Sporting Events, Field Trips and other Absences that require a pre-trip authorization, are not included as absences subject to the Make Up Policy. All missing assignments work must be submitted the day upon return, or it will be subject to the Late Work Policy.
- Tests or Quizzes missed while absent must be made up within two days of return.
- If you miss an assignment that is based upon classroom participation, you may not be able to make this up. If this is the case, please talk to me about it.

Labs Missed While Absent

- Most labs can be made up upon return. Some labs, however, cannot be made up if you are absent. If this is the case, you will receive an alternate assignment that you must do in order to receive an excused grade for a lab.

TARDIES

- Tardiness is an undesirable behavior in all academic settings. Students are expected to be in their seats before the bell rings and ready to learn.
- Consequences of being tardy may be the forfeiture of taking a quiz or receiving other assignments given at the beginning of class.
- Other consequences of being tardy will be established by each individual class.

HALL PASSES

- Hall Passes may be used to get a drink of water or to go use the restroom. It is recommended that you only use them in dire emergencies.
- You are permitted two passes per quarter. Once your two passes are used, any additional hall passes require a deduction in your participation grade.

LABS

- Labs provide students with hands-on learning and can be very enjoyable.
- I will not tolerate any inappropriate behavior in the lab.
- Behavior that endangers the safety of others will not be tolerated.
- Intentional damage to equipment will require replacement at your own cost.
- Lab Safety will be reviewed at the beginning of the semester. Students will be required to sign a safety contract that must also be endorsed by their guardians.
- Serious violations or repeat offenses in the lab will result in a zero for all labs for the remainder of the quarter or semester as I deem appropriate.

TECHNOLOGY

- Cell phones may **not** be used in any way during the class period. If it is out or rings during my class, it is mine for the rest of the day. Upon the second offense, I will give your cell phone to Mr. Bruce for safe keeping until your parents/guardians talk to him about getting it back.
- Use of school computers and laptops is subject to school policy.
- Calculators are scientific/mathematic tools that can be very useful in the school setting. Games on calculators are, however, unacceptable. If I see games on your calculator in my class, I will clear the memory on your calculator. Repeat offenders will have their parents contacted.
- Apart from your calculator, no use of any other electronic devices in class will be permitted. This includes, but is not limited to: Gameboys (Original, Pocket, Color, Advance, Micro), Nintendo DSs, PSPs, iPods, mp3 players or other digital music/video devices, cassette players, CD players, portable DVD players, 8-track devices, record players, laptops, etc. Headphones must be put away as well. Your calculator is the one device to which you are limited. Hearing aids and pacemakers are also acceptable.

FOOD/DRINK

- No food or drink is allowed by students in class, except during class sponsored activities (food labs, parties, etc.)
- Absolutely no food or drink is allowed in the lab. This includes water bottles and gum as well.

GETTING HELP

- I'm usually available a half hour before and a half hour after school every day.
- If you cannot find me during these times, drop a note or write a message on the white board.

CONTACT INFORMATION

Please try to contact me by any of the following means if you have any questions or unresolved issues:

e-mail: ozard@mtcps.org

Sign and return

I have read and discussed the classroom procedures with my son/daughter, and understand the grading policy, classroom rules, assignment procedure, and other information provided on the syllabus.

Student Signature: _____

Parent Signature: _____

Date: _____