

**AP Chemistry/Chemistry II****Course Syllabus 2011-2012**

Mrs. Susan Weiss

Western High School

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**Course description - Research V / AP Chemistry -**

It is a challenging course designed to provide the equivalent of the first two semesters of college chemistry. It is an excellent opportunity to gain a solid background in chemistry for those considering a future career in science or relate medical fields. This course will require a great deal of work on an advanced level including tests, labs, quizzes, activities, homework assignments, class participation, and presentation of problems. **This course is academically challenging and classes will be everyday at a fast pace.**

A rigorous schedule must be maintained requiring students to have good attendance and self-discipline. **Immature behavior will not be tolerated!** All assignments, practice drills, and labs are essential for success. You should be prepared to form study groups and stay before or after school for additional help. Students will be expected to attend 6-8 AP exam study sessions after school in the spring. It is mandatory for each student to take the Advanced Placement test in May

**Requirements:** A/B average in Chemistry, A/B average in Algebra 1 science teacher recommendation

**Resources:** The textbook used is Chemistry by Zumdahl, 6<sup>th</sup> edition.

The student will receive a textbook and supplementary study guide. It is mandatory to purchase an AP Chemistry Princeton Review book. They will be available at the school bookstore for a discount next semester.

**Websites** used are [www.westernchemistry.com](http://www.westernchemistry.com), [www.sciencegeek.net](http://www.sciencegeek.net)

**Materials** needed: pencils, red, black, blue pens, highlighters, scientific calculator, graph paper, black composition notebook for labs, a three ring binder with dividers (all work saved and organized by unit to be graded at the end of the year.)

**Grading:** weighted average

Broward County Grading Scale:	Approximate Grading Breakdown:
90 - 100% A	Homework, Classwork, Quizzes 25%
87 - 89% B+	Tests 50%
80 - 86 % B	Labs 25%
77 - 79% C+	All assignments are graded on a point system. The final grade is tallied by the following method: the total cumulative points earned out of the total possible points for each category will be converted to a percentage, multiplied by the categorical weighting factor, and added together.
70 - 76% C	
67 - 69% D+	
60 - 66% D	
0 - 59% F	

All school and county policies will be followed as per the Broward County Student Code of Conduct.

No chewing gum or eating food or using cell phones or I-pods in class.

PLAGIARIZED WORK WILL RECEIVE A ZERO.

CHEATING ON TESTS WILL RECEIVE A ZERO and may result in suspension!

All electronic devices must be put on teacher's desk before any test!

All work (quizzes and tests) missed during an absence must be made up within a week.

If a lab can't be made up within a week's time, an alternate research assignment will be given with a due date.

If an assignment is given in advance of an absence the work is due on the day the student returns to class.

If there is a field trip on the due date of an assignment, the student should drop off the assignment before school to the instructor's classroom.

**All assignments including labs will not be accepted after one class day late.**

A late grade is automatically 15 points off, so be organized and prepared.

I have read Mrs. Weiss' rules and am required to comply with them in order to succeed in this class.

Student name \_\_\_\_\_ Student signature \_\_\_\_\_ Parent signature \_\_\_\_\_

### **Summer Assignment-**

1. Download outlines and printout for Chapters 1-4, and significant figures notes from the AP Chem page at [www.sciencegeek.net](http://www.sciencegeek.net)
2. Review using corresponding chapter powerpoints for Chapters 1-4
3. Review Honors chemistry topics at [www.westernchemistry.com](http://www.westernchemistry.com)
4. Memorize symbols of 50 elements their charges as ions and polyatomic ions for quiz week one
5. Practice interactive web quizzes from [www.sciencegeek.net](http://www.sciencegeek.net) for Chapters 1,2 and printout
6. Read Supplementary Study Guide Chapters 1-4-(may sign out for the summer) Review by doing some of the practice problem
7. **Complete summer assignment by second day of class**

#### **Princeton review book-**

Read pages 1-27, answer pages 29-33

Read pages 61-69, answer pages 70-74

Read pages 285-298

**Summer assignment practice**-print out and answer worksheets online at [westernchemistry.com](http://westernchemistry.com) Weiss, AP chemistry website