

# Advanced Placement Chemistry 2016-2017

Mr. CuvIELlo  
Room 4-103

**Email:** [ncuviell@pasco.k12.fl.us](mailto:ncuviell@pasco.k12.fl.us)

**Grades:** <https://grades.pasco.k12.fl.us>

**Summer Assignment Access on Edmodo:** Join using the URL: <https://edmo.do/g/d73cgx> OR using the group code: 7287nf (the group code will expire at at some point over the summer, if that is the case - use the URL)

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## **Course Description:**

Advanced Placement (AP) Chemistry is a course that is designed to be the equivalent of a first year, general chemistry college course. As such, the course is suitable only for high school students who are (or will be) particularly able in chemistry.

Since AP Chemistry students at Wiregrass Ranch High School (WRHS) are enrolled in a college level class, they need to exhibit unusually high levels of commitment, motivation and academic maturity. To illustrate these points the College Board (CB) makes the following statement in the course description in relation to student commitment:

**Students in an AP Chemistry course should spend at least five hours a week in individual study outside the classroom.**

The AP examinations are sponsored by the CB and administered and operated by the Educational Testing Service. The CB provides a topic outline for the subject, which is intended to be a guide to the level and breadth of the treatment expected, but not a specific syllabus. The specific syllabus and objectives for the AP course at WRHS have been determined based on past success. The past 8 years have yielded above national average results from the AP Chemistry program at WRHS. As of May 2016, 202/347 students have successfully passed the AP chemistry Exam. 2016 AP Chemistry Exam administration results are released in July and above national average results are anticipated. This is due largely to an unwavering commitment of the students in a well-designed course.

## **Summer Break/Summer Assignment Info:**

Students are expected to complete a summer assignment that will be posted on edmodo. See the information on how to join the class above.

Students are to complete the summer assignment which will be posted on the website at the top of the information sheet. The Students are to monitor the site on a weekly basis to look for any additions that may be added throughout the summer. **One of the assignments will be due via email July 5<sup>th</sup>, 2pm. Make sure you complete this portion of the summer assignment, as it will be counted as the first assignment of the 1<sup>st</sup> quarter.** It is recommended that students follow the attached suggested timeline for the summer assignment (**especially on the construction and memorization of your flashcards!**). Students are encouraged to contact Mr. CuvIELlo through email over the summer if needed at [ncuviell@pasco.k12.fl.us](mailto:ncuviell@pasco.k12.fl.us)

Students will take an exam on the second day of school based on the summer assignment and basic material from the first year of chemistry. Students who do not perform well on this exam are unlikely to be prepared to begin the course at a high level of performance and may struggle with the material going forward. A copy of last year's test will be provided on edmodo so students can "practice" and get a feel for the difficulty of the exam. Students should take the practice test seriously and grade it to determine if more review is needed. An answer key will also be provided for the practice test.

## **Required/Suggested Materials:**

- 200 page spiral notebook
- 3 folders, one for labs that are passed back, one for labs we have not completed yet, one handouts from class.
- A few packs of index cards for flashcards
- A copy of the Princeton Review book (do not but until the new 2017 edition comes out though)
- Graphing Calculator

## **Late Work**

As this is an Advanced Placement class, late work is not an option. Due dates are not flexible and it is not my responsibility or problem if you fail to plan or attempt to plan at the last minute. If for some reason you honestly feel you have extenuating circumstances that justify a deviation from the late work policy you must see me ***beforehand***. Talking to me about it when it is already due is totally unacceptable.

**Make-Up Work**

If an absence is excused you may turn in a make-up assignment. You have one day per day absent to make up any homework, class work or tests. It is totally up to you to approach me to find out what make-up work you have. Make-up tests will be at my discretion. If you know ahead of time that you will be out please see me and I can give you work before you are absent.

**Grading Scale**

Your grade will be determined by a combination of factors, including homework assignments, tests and quizzes, and labs. The breakdown is as follows:

Course Work	Percentage of Final Grade
Tests and Quizzes	75%
Labs/Homework	25%

## AP CHEMISTRY SUGGESTED TIMELINE FOR SUMMER ASSIGNMENT 2016-2017

Date(s)	SUGGESTED WORK	Assignments Due
June 8 <sup>th</sup> to August 1 <sup>st</sup>	Complete Notecards (assignment #1) from part 2 of the summer assignment and begin to study them. Complete part #1 of the summer assignment and send in via email by the due date. <b>Go to the beach and relax with friends/family. – Take a break from school!</b>	<b>Part #1 of the summer Assignment due July 5<sup>th</sup> 2p.m. via email to <a href="mailto:ncuviell@pasco.k12.fl.us">ncuviell@pasco.k12.fl.us</a></b>
August 1 <sup>st</sup> – 10 <sup>th</sup>	Complete Part 2 of the summer assignment  If you do one part each day the summer assignment becomes very manageable!!!	
August 11 <sup>th</sup>	Complete last years “ 2015-2016 practice test”. Use only an AP periodic table and calculator.	
August 12 <sup>th</sup>	Grade last years “practice test” and determine what grade you would have earned. There is very little partial credit awarded for incorrect answers. <b>Be honest with yourself!!! If you have done poorly on the practice test expecting a different outcome on the real test is not reasonable.</b>	
August 13 <sup>th</sup> -15 <sup>th</sup>	Study for the summer assignment test. Monday August 15 <sup>th</sup> is the first day of school.	<b>Part 2 of the summer assignment is due on the 1<sup>st</sup> day of school August 15<sup>th</sup></b>
August 16 <sup>th</sup>	<b>Summer assignment test in class.</b>	
August 17 <sup>st</sup>	Pass back summer assignment test	

There will be some students who will procrastinate and try to do **ALL** of this summer work and studying just before (like the night before) the start of school. Those students may even cram well enough to do well on the initial test. However, they will quickly forget the ions, and struggle every time that these formulas are used in lecture, homework, quizzes, tests and labs.

All research on human memory shows us that frequent, short periods of study, spread over long periods of time will produce much greater retention than long periods of study of a short period of time. I could wait and throw these at you on the first day of school, but I don't think that would be fair to you.