**AP Chemistry: 2021 – 2022**

**Instructor:** Ryan Kiddey, M. Ed **Webpage:** kiddey.weebly.com

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**Phone:** 440.259.9305 **Class Hours:** M-F; 7:45 AM – 9:10 AM (full year)

**Course Description:**

AP Chemistry is equivalent to General Chemistry I and General Chemistry II, which are usually taken during a science major's freshman year of college.  AP Chemistry is a very demanding, rigorous course.  Students will have the opportunity to take the AP Chemistry Exam in early May. Significant emphasis is placed on theoretical aspects of chemistry, in-depth laboratory experiences, and problem solving. The curriculum for all AP classes is prescribed by the College Board. Units include atomic structure, periodicity, bonding, thermochemistry, chemical reactions, gas laws, stoichiometry, thermodynamics, kinetics, equilibrium, solution chemistry, acid-base theory, and electrochemistry. Practical and problematic chemistry issues are integrated to illustrate and illuminate theoretical principles. Group problem solving is suggested and encouraged, both inside and outside the classroom.

**Prerequisites:**

1. Honors Algebra II (Final Grade of B or higher); or Algebra II (Final Grade of A)
2. Honors Chemistry (Final Grade of B or higher)

If your math skills are weak, you should **not** be in this course.

**Attendance:**

Attendance is expected of all students during regular lecture time and lab time. **I will not** re-teach material to you because you missed class. You are expected to make up all missing notes from your lab partners.

**AP Chemistry Workshop:**

AP Chemistry students have the opportunity to meet with me **every Wednesday from 2:30 PM – 3:30 PM** to specifically discuss AP Chemistry topics**.** Students can use this time to ask me questions about our current studies or use it to finish labs. *Students find this time very useful when they come to workshop prepared with specific questions.*

**Grading:**

All unit exams will not be curved and be placed in the summative 90% category. Unit Exams are worth 100 points. Tests will not be curved and will also be placed in the 90% category. Tests are worth 50 points. Labs and homework will be weighted in the 10% category, 100 points each.

**Retake Policy:**

Retakes for Unit Exams can be retaken at any time on or before Friday, April 29st (the AP Chemistry Exam will be held on Monday, May 2th at 12:00 PM). However, in order to retake a unit exam students must score a collective average of 82% on the chapter tests that precede the unit exam for that particular unit (power objective). For example, Unit Exam One covers only power objective one. During the unit, there will be three chapter tests. Let’s say Sally scores 68% on the Chapter 3 test, 90% on Chapter 4 test, and an 85% on the chapter 5 test. This averages 81%. If Sally takes the Unit Exam for PO 1 and scores a 70 and wants to retake it, she will have the opportunity to retake chapter tests. *A student can only retake a chapter test AFTER the unit test is completed.* In this case, she could retake the chapter 3 test (after reworking the Mastering Chemistry for Chapter 3) to get her score up. If she gets her collective test average for that unit above 82% she is permitted retake the unit exam.

**Course Calendar:**

The course calendar will be followed very closely throughout the school year. Periodically I will update the calendar and post it on the AP Chemistry classroom website. Please plan your academic studies accordingly. The instructor reserves the right to change the calendar at any time.

**Electronic Media Policy:**

All electronic devices (phones, laptops, Chromebooks, tablets, etc.) must be turned off and stored away from view during class. If you expect an emergency phone call, please tell me. If you send text messages during class you will receive a **Wednesday School**, there are no exceptions unless you tell me you were expecting a text due to an *actual* emergency.

**Missed Exams:**

Make-up exams will only be given for documented, legitimate absences. **No exceptions will be made.**

**Late Work:**

Late work is unacceptable unless you’ve made prior arrangements with me to turn an assignment in late.

**Academic Misconduct:**

Cheating of any kind will result in a grade of zero for the particular assignment cheated on and you will receive an office referral.

**Extra Credit:**

There is no extra credit in AP Chemistry.

**AP Chemistry Exam:**

The AP Chemistry Exam will be held at Perry High School on Monday, May 2, 2022. As an AP Chemistry student, you are granted the privilege of sitting for the exam.

**Please sign below indicating that you have read the AP Chemistry course syllabus. This portion of the syllabus must be returned to Mr. Kiddey by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**Please keep the rest of the syllabus for your records.**

**Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**