

Chemistry II AP
Dr. Casagrande
(908) 789-4500

2018-2019
Room 186P

Westfield High School
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About This Course:

Chemistry II - AP is equivalent to a first-year college chemistry course. Upon completion of this course students should plan to take the Advanced Placement Exam. Therefore, topics discussed are those prescribed by the College Entrance Examination Board (CEEB). Major emphasis is placed on theoretical and quantitative aspects of physical-inorganic chemistry. The goal is to develop each student's ability to think clearly, express ideas with logic and clarity, and attain competence with chemical word problems. After the AP exam in May, students work on a "short course" in qualitative analysis. Chemistry II – AP requires a commitment to extended laboratory sessions (lab experiments typically require 3-4 hours) to approximately 5 p.m. Athletes will have conflicts with labs at times. As a general policy, students will be excused from lab for games, but not for practices.

We expect you to be challenged by this course. If you're having troubles, remember that YOUR TEACHERS (Dr. Casagrande & Mrs. Bailey) are your best resources! I usually arrive by 7:00 am and stay until 4:30-5:00 pm every day.

Grading:

Grades will be calculated based on the percentage of points earned for a marking period out of the total possible points. Grades will be based on performance in the following areas:

- Exams: 60-80 points each. Tests will consist primarily of multiple choice, calculations and explanation questions similar to those found on the AP exam. Expect a test every 1½ to 3 weeks.
- Homework will not be graded for correctness, but will be checked for credit for 3 points each. We will go over a homework assignment the day after it is assigned. Late homework is not accepted.
- Laboratory Reports: usually 20-25 pts each. We will not be requiring the use of laboratory notebooks; however, you are still expected to be organized and to write all observations, data, and calculations neatly. Generally, lab write-ups will be due by the end of the lab session each Thursday.

Dr. Casagrande's Websites:

You can access information about me or the class at my district website, <https://sites.google.com/westfieldnj12.org/lcasagrande>, or at my more detailed website at <http://www.doccasagrande.net/>. On the district site is a "Chem 2 AP Files" page with a link to the Chem 2 Google Drive folder, containing all class handouts and answer keys. On the external website is a section for Chem 2 on which you will find a monthly calendar and calendar archive as well as links to all of the same files. Also, on the homepage will be a joke of the week, which usually will correspond to the current unit in Chem 1.

Textbook: Chang *Chemistry* 8th edition. The textbook itself is not available online.

Study Guide: *Student Study Guide, for use with Chemistry Eighth Edition*. Contains a section-by-section summary of each chapter, study activities, exercises & problems with worked examples and practice test questions, with answers in the back. Optional extra review problems will be assigned from the exercises & problems sections and the practice test questions.

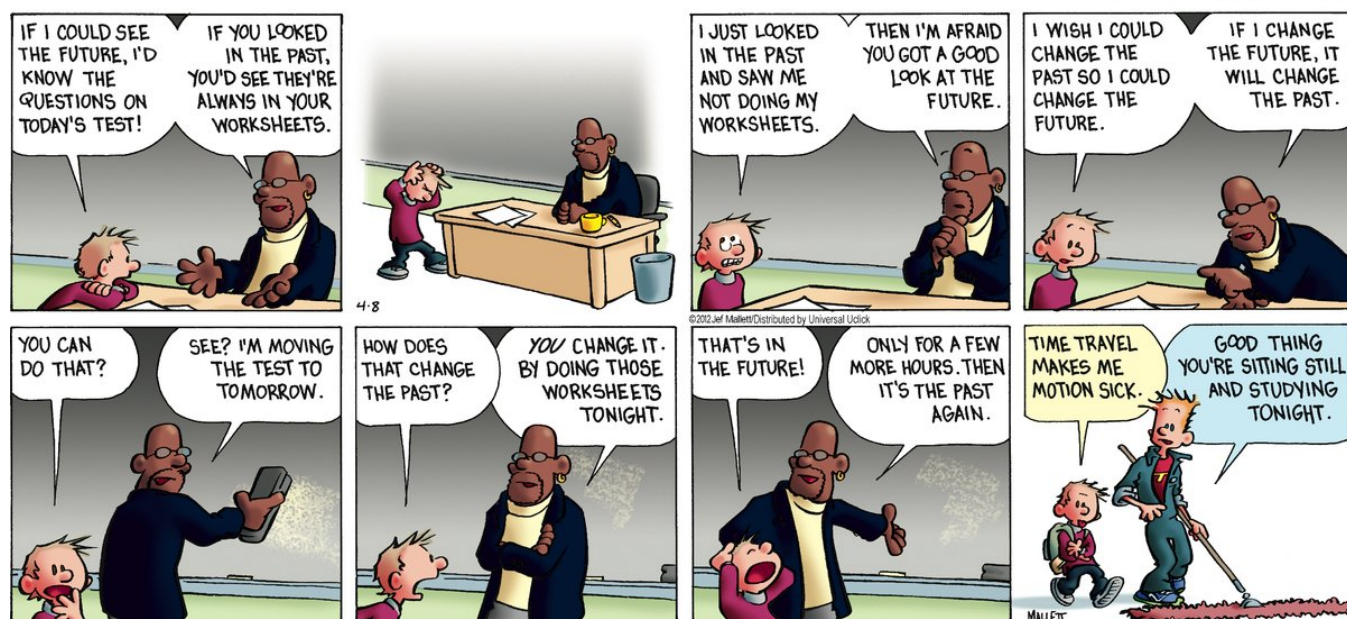
Your Responsibilities for success in AP Chemistry

- Do the assigned READING (including SAMPLE PROBLEMS!) *before* attempting the problems related to that reading
- Do your homework the night it is assigned and bring your questions to class the next time we meet.
 - Access the answer keys at the Google Classroom (sign up with code **fgga1c**) as you come into class and check your answers with your classmates before we go over them.

- Personal electronic devices will be allowed for access to online, class-related materials only. No game playing or texting will be allowed.
- Thoroughly read laboratory theory and procedures the night before the lab and work all prelab problems and questions
- Take advantage of the example problems in the book and online
- Form study groups with your peers
- Seek extra help as soon as you begin to have difficulty. Don't wait until you are completely lost—early intervention will be the most helpful.
- Do not allow yourself to fall behind. Getting “caught up” is harder than keeping up.

FRAZZ

BY JEF MALLETT



- Obtain a study review book. I like Princeton's for their FRQs, but any one is good. Make sure it is recent to include the new curriculum. Work the problems in the guide relevant to the current material.
- Begin committing to memory important information. We will be pointing out what you need to memorize as we go.
- Working together on assignments is encouraged, but the final product should be a student's own unique words. Up to full credit will be deducted for any forms of plagiarism, including copying another student's work or copying from public sources. If copying occurs, I will penalize **all** participants.
 - Note: Most often, copying occurs when students work together. You may discuss together, but make sure you write separately. Don't dictate to each other. **Copying has occurred if two papers have similar or exact wording (using a thesaurus does not count as different wording).**

