



# UNIVERSITY HIGH SCHOOL

*A Nationally Recognized Exemplary School*

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Website: <http://www.universityhigh.org>

May, 2022

AP Chemistry Student:

Advanced Placement Chemistry is a course that is designed to be the equivalent of a first-year college chemistry class. It is our goal that you will gain a great deal of knowledge about chemistry, be able to make connections with the world around you, and that you will ultimately be prepared for the Advanced Placement test. The course is rigorous, and it is expected that you will approach the class with the diligence, motivation, and the hard work that is required to be successful in a college-level course.

The book that is used in the course is:

Title: Chemistry, 8th edition.

ISBN-13: 978-1-111-57734-6

ISBN-10: 1-111-57734-X

Authors: Steven S. Zumdahl and Susan A. Zumdahl

Books will be available for checkout through the library during the last couple of weeks of school and then in the fall. If you would prefer to have your own textbook so that you can write in it, it is acceptable for you to use the 6th through 10th editions of Zumdahl. If you choose to do this, upon request, the 8th edition end of chapter problems can be emailed to you so that you work the appropriate problems.

To ensure that all of the topics are discussed satisfactorily in class before your exam in May, it is necessary that you begin some of the review work during the summer prior to the start of school. Before you return to class in August, please read the following chapter and work the required problems. We will collect these problems on the first day of school. You will have a major quiz over the first chapter on the fourth day of school and a test over the first three chapters during the second or third week of school. Note: these problems have multiple parts (a-f) and will take a significant amount of time. I suggest that you start early and do not wait until the night before school resumes in August. If you are unable to get a textbook at the end of the spring semester, please email Mr. Brighton at [nicholasbrighton@iusd.org](mailto:nicholasbrighton@iusd.org) to get a copy of the problems and chapter reading.

**Read Chapter Read Chapter 1: Chemical Foundations**

**Work problems: 29, 31, 33-37, 39, 41-45, 51-53, 59, 61, 63, 66, 67, 69, 73-82**

Have a great summer and I look forward to seeing you in the fall.

Sincerely,

Nick Brighton  
AP Chemistry Teacher