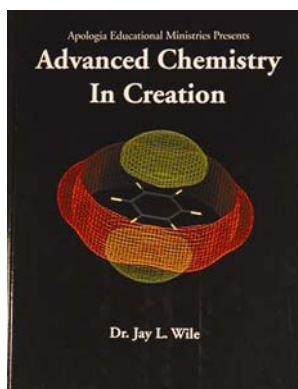


CURRICULUM INFORMATION



Advanced Chemistry in Creation

By Dr. Jay L. Wile

Scope:

The course covers detailed descriptions of limiting-reagent stoichiometry, atomic and molecular orbitals, intermolecular forces, solutions, equilibria, acids and bases, redox reactions, nuclear chemistry, and organic chemistry. Challenging but understandable, your student will be at the top of his university chemistry class after taking this course.

“I used your Chemistry, Physics, and Advanced Chemistry courses. I just wanted to say thanks for doing home and Christian schools such a great service by providing excellent Christ-based material. I am currently in [a university] engineering program... I am completing my second semester of general chemistry, and we have not yet covered anything that wasn't covered in your courses. I have also been selected the outstanding chemistry freshman for this school year's honor program. Thanks again, and keep up the good work.” (Student)

Methodology

This course was written specifically for homeschoolers. It is designed with the idea that the student is working alone with the course. This means that all of the explanation that a teacher would normally give orally in class is included in the book, step by step. This is also why the course is written conversationally, to make the student feel like someone is speaking directly to him or her. Here is what parents and students have said about our courses:

“This is the first time in our homeschooling experience that my child is completely on his own learning a subject that I know little about. . . Thank you for a great course!” (Parent)

“I'm writing to thank you on writing a very interesting science book. I love how you say things in first person. It makes it feel like you were right there beside me.” (Student)

Labs:

Advanced Chemistry In Creation contains 22 labs covering topics like the colors of chemistry, the Kinetic Theory of Matter, solubility curves, distillation, the Common Ion Effect, bicarbonate buffer, electrolysis, Redox reactions, polyethylene, hydrolysis, and much more. There is a lab kit available to accompany this course; this IS a different kit than the glassware set used for Exploring Creation with Chemistry.

Pacing:

This text contains 16 modules. Each module should take you about 2 weeks to complete, as long as you devote 45 minutes to an hour of every school day to studying chemistry. At this pace, you will complete the course in 32 weeks. Since most people have school years which are longer than 32 weeks, there is some built-in “flex

time.” You should not rush through a module just to make sure that you complete it in 2 weeks. Set that as a goal, but be flexible. Some of the modules might come harder to you than others. On those modules, take more time on the subject matter.

We suggest that you start by spending at least 45 minutes to an hour per day with the course. At the end of 2 weeks, if you have not completed the module, you know that you need to spend more time each day on it. If you finish a module in less than 2 weeks, then you know that you can spend less time per day on it.

Pre-Requisites:

This course is designed to be the second high school chemistry course that a student takes. In order to take this course, then, the student must have already had one year of high school chemistry. In addition to a first year of chemistry, the student needs to have completed Algebra 2.

Advanced Placement (AP):

When added to that first-year course, this course “fills in the gaps,” giving the student the equivalent of the first year of college chemistry. You might have heard this kind of course called an “advanced placement” or “AP” course.

Available Formats:

Advanced Chemistry	ISBN	Price
Text Book Set	1-932012-05-2	\$ 75.00
Text Book Only	1-932012-03-6	\$ 55.00
Test/Solutions Only	1-932012-04-4	\$ 20.00

For more information about course formats please see our [Course Format](#) information page.

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