Introductory Chemistry: Concepts And Critical Thinking (7th Edition)
Synopsis

With an expanded focus on critical thinking and problem solving, the new edition of Introductory Chemistry: Concepts and Critical Thinking prepares readers for success in introductory chemistry. Unlike other introductory chemistry texts, all materials—the textbook, student solutions manual, laboratory manual, instructor's manual and test item file—are written by the author and tightly integrated to work together most effectively. Math and problem solving are covered early in the text; Corwin builds reader confidence and ability through innovative pedagogy and technology formulated to meet the needs of today's learners.

Book Information

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Customer Reviews

Charles H. Corwin has spent over 30 years teaching chemistry to over 12,000 students. He has taught general chemistry, organic chemistry, and quantitative analysis, but has focused primarily on introductory chemistry for the personal rewards it offers. Corwin was awarded his degrees from San Jose State University, where he was a member of Tau Delta Phi honor society. Early in his career, he was awarded a National Science Foundation grant to study instructional innovations at Grand Valley State University. Currently, he is a professor of chemistry at American River College, where he was recognized as Teacher of the Year in 1994. He is also the recipient of an Alumni Teaching award from Purdue University.

While I liked the simplicity of each section, this textbook falls flat on its face with its "Chapter Self-Test" sections. I have not gone far through the book yet, but looking only at Chapter 3's
Self-Test and the answer key in Appendix J, there are clearly two questions that have are grossly incorrect. For a student who is paying attention, this is annoying but can be overcome. However, it is negligent on the author/editor's part, and I would not be surprised if students have given answers on tests incorrectly because of these errors. The answer to Self-Test Question 1 (which asks what characterizes a substance in a solid physical state) is supposedly "(d) All of the above" but that would include "(a) The substance has a variable shape". Solids, as the textbook explains earlier, have a FIXED shape. The answer to Self-Test Question 7 (which asks which of the following is an example of a chemical change) is supposedly "(e) None of the above" but this would then exclude answer "(c) oxidation". Oxidation is a classic example of a chemical change. This answer is simply wrong.

This book has been great for my intro to chem class! I’m so happy that my professor chose it. I’ve noticed three minor typos in three chapters, but none of them hindered my understanding of the concepts. I have never taken chemistry before so I cannot compare it to other chemistry books, but I’ve had several biology textbooks and other nonscience textbooks and this is one is one of the best. It’s easy to read and tries to make the concepts as interesting as possible, even if they’re a bit dry. I’m quite enjoying chemistry so far! I am also so happy that I chose to buy this from rather than my university’s book store. I saved at least $75, which is great when I have six textbooks to buy this semester.

I never took chemistry in high school so all the concepts were new material to me, I had purchased this book for a 100 level college course as required by the professor, and before I knew it I was learning and able to understand the basic building blocks of chemistry. Who knew chemistry could be so interesting ;)

Because I already find chemistry a little on the difficult side, this book made it even harder. The book primarily focuses on examples of problems rather than utilizing various ways to explain what is going on (visually in both picture form and through word). I think it would be a lot better to include more ways of explanation as all students learn in a different way.

It arrived perfect and beautiful. However this was not the book I needed (I needed the lab manual) but they were quick and efficient with the return and refund.
Of course I didn't have a choice but to get this particular book, because this is what's required by
the school for the course. I attended basic chemistry class more than 10 years ago, and I can't
remember my experience or what I learned. My interest in chemistry was renewed and piqued to a
new level when I read the description of the cover photo. If the student is open-minded enough and
finds enough time to read the contents, the usually dreaded Chemistry is actually fun. I find this
book visually stimulating, which is significant considering that I learn better with visual aids. I can't
speak for other people who are visually impaired (e.g., color-blind)

This book is easy to read, and for the most part, understand. 4-stars because the author dwells on
easy concepts , and glosses over some more difficult things. I guess that's all subjective to the
reader though. This text is a solid chem 101 book, and just a curious person could self learn with
this text.

Chemistry is not my major, but it is a required subject for me. This book presents the material well.
My course required a newer version of the book, but I preferred not to be gouged financially: This
older version contains everything I needed to know.

CRITICAL THINKING: A Beginner's Guide To Critical Thinking, Better Decision Making, And
Problem Solving ! ( critical thinking, problem solving, strategic thinking, decision making)
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