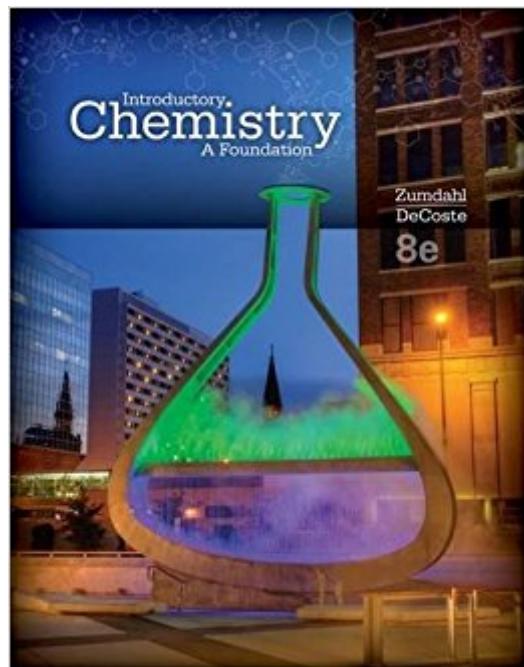


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# Introductory Chemistry: A Foundation



## Synopsis

INTRODUCTORY CHEMISTRY: A FOUNDATION combines enhanced problem-solving structure with substantial pedagogy to enable students to become strong independent problem solvers in the introductory course and beyond. Capturing student interest through early coverage of chemical reactions, accessible explanations and visualizations, and an emphasis on everyday applications, the authors explain chemical concepts by starting with the basics, using symbols or diagrams, and conclude by encouraging students to test their own understanding of the solution. This step-by-step approach has already helped hundreds of thousands of students master chemical concepts and develop problem-solving skills. The book is known for its focus on conceptual learning and for the way it motivates students by connecting chemical principles to real-life experiences in chapter-opening discussions and "Chemistry in Focus" boxes.

## Book Information

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Steve Zumdahl is the author of market-leading textbooks in introductory chemistry, general

chemistry, honors-level chemistry, and high school chemistry. Recently retired from his long-time position as Director of Undergraduate Programs at the University of Illinois, he has received numerous awards for his contributions to chemical education. These include the National Catalyst Award in recognition of his contribution to chemical education, the University of Illinois Teaching Award, the UIUC Liberal Arts and Sciences Advising Award, and the School of Chemical Sciences Teaching Award (five times). He earned his BS in Chemistry from Wheaton College (IL), and his PhD from the University of Illinois. Donald J. DeCoste is Associate Director of General Chemistry at the University of Illinois, Urbana-Champaign, and has been teaching chemistry at the high school and college levels for over 25 years. He earned his BS in Chemistry and PhD from the University of Illinois, Urbana-Champaign. At UIUC he teaches courses in introductory chemistry and the teaching of chemistry and has developed chemistry courses for non-science majors, preservice secondary teachers, and preservice elementary teachers. He has received the LAS Award for Excellence in Undergraduate Teaching, the Provost's Excellence in Undergraduate Teaching Award, and the School of Chemical Sciences Teaching Award four times. Don has led workshops for secondary teachers and graduate student teaching assistants, discussing the methods and benefits of getting students more actively involved in class. When not involved in teaching and advising, Don enjoys spending time with his wife and three children.

I am of the opinion that most good classes focus more on the instructor than on the textbook. That being said, a solid textbook is useful and should help develop intuitions to solve problems. That's kinda where I like this text. There are many different problems from each given chapter that an instructor could assign, but the practice problems here seem genuinely interesting because they're varied in their approach. I've come away from each session of homework feeling as if I actually learned something because I had ample opportunity to practice the ideas through the homework. I've had other textbooks where I only paid attention to them to look for facts that weren't mentioned in lecture. This is one of the few textbooks I actually go through looking for knowledge. Pretty sweet. That being said, some of the explanations in the book aren't very good and I had to reach outside of the book a few times. Overall I'm glad I bought a copy.

This book came in fair to good condition. Some wear and tear but not a whole lot. As for the content, I found this chemistry book a lot more easier to understand than my professor. I read the chapters and took note of the examples. I had no problems whatsoever understanding the material in this book. Each concept was explained very well.

great product! used for my chem class. would recommend to others! I simply stuck this in an empty binder and it was as good as a hardcover textbook. caution though, when turning pages do so gently the pages are a bit fragile near the spine area when in the binder. other than that great product. would much rather have this than an expensive hardcover that i would never look at again when the semester ends.

What I needed for class! And at a great price!Order early though, as it may take some time to get shipped out.

I really enjoyed this chemistry book. I rented it from for class, but i was surprised how clearly everything was written. Very good for beginners.

Good

Very useful book, easy to understand

I rented this book and it is exactly what I need for chem class. Although it isn't required I am really enjoying and find it a big help with my class.

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