



## Chemistry: An Industry-Based Introduction with CD-ROM

*By John Kenkel, Paul B. Kelter, David S. Hage*

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**Chemistry: An Industry-Based Introduction with CD-ROM** By John Kenkel, Paul B. Kelter, David S. Hage

What a great idea? an introductory chemistry text that connects students to the workplace of practicing chemists and chemical technicians! Tying chemistry fundamentals to the reality of industrial life, **Chemistry: An Industry-Based Introduction with CD-ROM** covers all the basic principles of chemistry including formulas and names, chemical bonding, stoichiometry, solutions, and more. It includes scale-ups from the lab bench, examples of industrial significance, and interviews with actual workers in industry.

Each chapter provides side boxes and special homework assignments that connect the material to the industrial workplace and provide for related investigations outside the classroom. The innovative layout of topics incorporates organic chemistry early and addresses concepts requiring algebra and math beginning with the seventh chapter. There are dozens of chemistry texts available, but this is the only one that gives students a look at what really goes on in the chemist's world of work ? and does it with ease!

**Chemistry: An Industry-Based Introduction with CD-ROM** also comes with an exciting, innovative and interactive **CD-ROM** that provides a **study guide** containing 40 review questions per chapter and animation, sound, and artwork to help the student visualize the concepts. It also sets up a **virtual workplace** in which the student is an employee of a fictional company and faces real-life scenarios and discovers their solutions. The entire package, with **CD-ROM**, side boxes, and practical assignments, provides an innovative approach that chemistry educators everywhere will want to use in their courses. These ? combined with a clear readable writing style ? represent an exciting new twist for introductory chemistry.

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## **Editorial Review**

### **Review**

...(the authors) have produced a valuable book and accompanying CD-ROM for introducing students to chemistry...the chapters are easy to read and understand. The CD-ROM is a nice supplement to the text. It features topic review, demonstrations, interactive quizzes, and interesting scenarios called 'applications' that are solved by using the appropriate chemistry concepts.

--J. R. Sasthav, in CHOICE, April 2001

...praiseworthy effort to 'break new ground' and engage the students' interest by exploring the direct relevance to industry of each aspect of the chemistry discussed.

Physical Sciences Educational Reviews Volume 6, Issue 1, June 2005

## **Users Review**

### **From reader reviews:**

#### **Ernest Ainsworth:**

This book entitled Chemistry: An Industry-Based Introduction with CD-ROM to be one of several books that best seller in this year, honestly, that is because when you read this e-book you can get a lot of benefit in it. You will easily to buy this particular book in the book retail store or you can order it by using online. The publisher on this book sells the e-book too. It makes you more readily to read this book, as you can read this book in your Smartphone. So there is no reason for your requirements to past this reserve from your list.

#### **Ana Vela:**

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#### **Ann Reiter:**

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