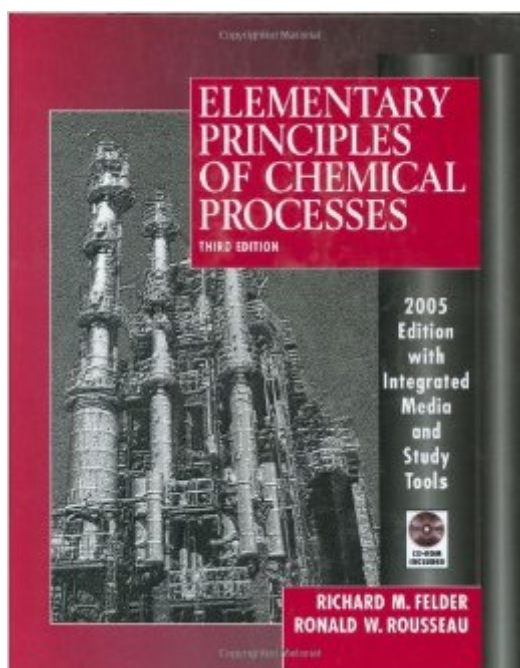


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# Elementary Principles Of Chemical Processes



## Synopsis

Gain a better understanding of chemical processes. This text will provide you with a realistic, informative introduction to chemical processes. This 3rd edition has been completely revised to provide you with increased clarity, including: Hundreds of new and revised problems and new case studies cover a broader spectrum of chemical engineering applications. Guidance for solving problems that require spread sheeting and equation-solving software. A CD-ROM that provides an active learning environment. With this software, students respond to questions and receive immediate feedback, explore variations in process parameters and see the effect of their changes on process operations, and more. 2005 Edition icons in the text margin let you know when it's most helpful to use the ICPP CD-ROM and the Student Workbook.

## Book Information

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## Customer Reviews

GAIN A BETTER UNDERSTANDING OF CHEMICAL PROCESSES. Materials that's presented in a very clear and accessible way... frequent use of examples... case studies based on commercial processes... a CD-ROM with instructional tutorials, a powerful equation solver, and a visual encyclopedia of chemical process equipment... These are just a few of the features of this text that help provide a realistic, informative introduction to chemical processes. Key Features of the Third Edition Nearly every section in the third edition has been revised to provide increased clarity. Hundreds of new and revised problems and new case studies cover a broader spectrum of chemical engineering applications. Some problems require spread sheeting, and others call for using equation-solving software. The INTERACTIVE CHEMICAL PROCESS PRINCIPLES (ICPP)

CD-ROM Provides an active learning environment. With this software, students respond to questions and receive immediate feedback, explore variations in process parameters and see the effect of their changes on process operations, and more. 2005 Edition Icons in the text margin let you know when it's most helpful to use the ICPP CD-ROM and the Student Workbook.

Richard M. Felder is Hoechst Celanese Professor Emeritus of Chemical Engineering at North Carolina State University. He has authored or coauthored over 200 papers on chemical process engineering and engineering education and presented hundreds of seminars, workshops, and short courses in both categories to industrial and research institutions and universities throughout the United States and abroad. Since 1991 he has co-directed the National Effective Teaching Institute Under the auspices of the American Society for Engineering Education. He is a Fellow of the American Society for Engineering Education. Many of his publications can be found at [www.ncsu.edu/effective\\_teaching](http://www.ncsu.edu/effective_teaching) Ronald W. Rousseau Hoechst the Cecil J. "Pete" Silas Endowed chair and also chairs the School of Chemical & Biomolecular Engineering at the Georgia Institute of Technology. In addition to his Commitment to undergraduate education, he has been an active researcher in the field of separation science and technology, focusing his attention on crystallization science and technology among other topics. He is a Fellow of both AIChE and the American Association for the Advancement of Science and has served as chair of the Council for Chemical Research, Member of the Board of Directors of AIChE, and chair of the AIChE publication Committee. Drs. Felder and Rousseau have won numerous awards for their contributions to engineering research and education, and were recipients of the 2002 Warren K. Lewis Award for Contributions to Chemical Engineering Education from the American Institute of Chemical Engineers.

I was required to purchase this book for a class. I used it to get homework problems and only referenced the content about 3 times (a fault of my professor's class set-up, not the book), so I know little about what's in it.

This is one of those books that you won't appreciate when you're using it in your introductory chemical engineering courses, but will quickly realize how useful it actually can be when you move on with your studies. You can also find complete solutions online, which are helpful when studying for exams (though I don't advise trying to copy them for your homework).

Buy this one instead of the international version, most instructors probably assign homework problems from the end of every chapter in the book. The two versions have different problems, this is a big trouble for the international version.

good condition

Felder & Rousseau's "Elementary Principles of Chemical Processes" is the go-to resource for beginner chemical engineers for good reasons: the book is organized in a straightforward manner and explains concepts in a detailed but not overbearing way. Sufficient example problems and solutions are also given throughout each chapter to help the reader understand the application of the concepts covered. This text is an excellent introduction and overview to chemical process engineering design and operation.

Came with a CD that did not work, though I'm not sure if it's the CD's fault or my computer's. The book was in good condition.

It is a book for class that is from 2005. What do you expect? I was okay for the book being 10 years old. Was packaged so there was no damage to the item.

Ah, Felder. Excellent book but by the end of your senior year, you should be able to generate the whole thing on your own.

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