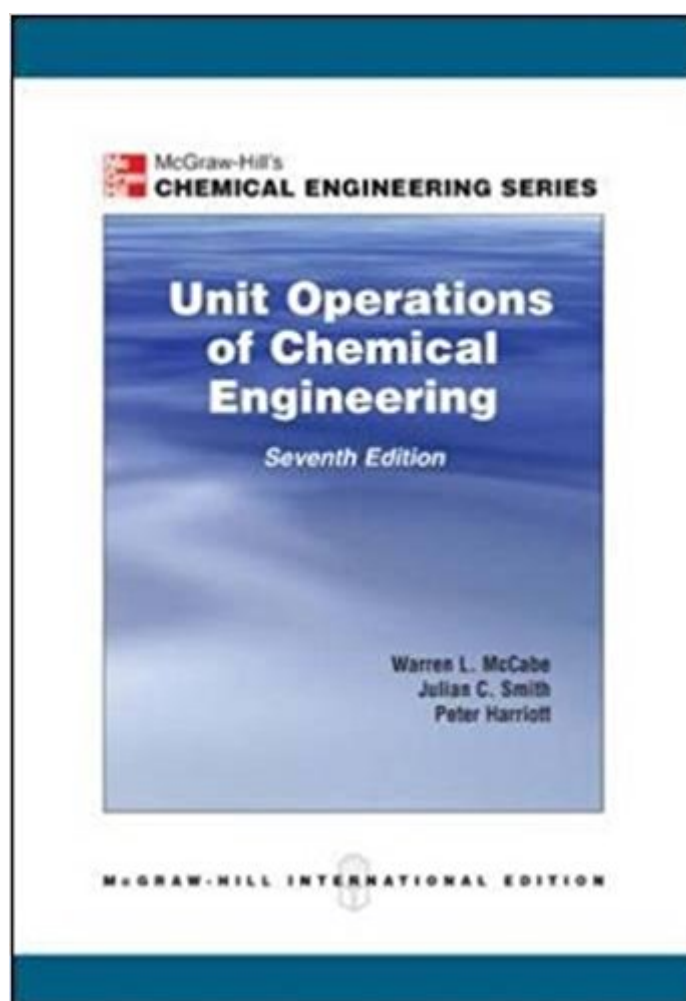


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# Unit Operations Of Chemical Engineering, 7th Edition (College le (Reprints))



## Synopsis

Unit Operations of Chemical Engineering, 7th edition continues its lengthy, successful tradition of being one of McGraw-Hill's oldest texts in the Chemical Engineering Series. Since 1956, this text has been the most comprehensive of the introductory, undergraduate, chemical engineering titles available. Separate chapters are devoted to each of the principle unit operations, grouped into four sections: fluid mechanics, heat transfer, mass transfer and equilibrium stages, and operations involving particulate solids. Now in its seventh edition, the text still contains its balanced treatment of theory and engineering practice, with many practical, illustrative examples included. Almost 30 per cent of the problems have been revised or are new, some of which cover modern topics such as food processing and biotechnology. Other unique topics of this text include diafiltration, adsorption and membrane operations.

## Book Information

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## Customer Reviews

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I need this book for my course in Unit Operations and have been using it for about a month now. I think the book would be improved for learning the concepts by giving a little more background information - it often seems like it goes from point A to point C or D without mentioning point B. Also, it's very annoying that it references equation numbers from earlier in the book without reprinting

them so that you have to flip back to remember what that equation was.

This book is good for a capstone course where you only need to review material, but it is not great (even borderline useless) for classes that focus on one or two of the sections, such as fluids or mass transfer, as it's likely your class will go into more detail than this book. With that said, you definitely want to purchase this book for use down the road instead of renting it. The international edition is much cheaper however.

Comprehensive Chemical Engineering Text. My professor told me this is one textbook needs to be kept in my professional library.

Liked the book but there are so many equations that make the chapters feel clustered and somewhat unnecessary for learning.

The 7th edition continues to improve on an already classic text, vitally important to the core curriculum in undergraduate chemical engineering programs. The accompanying study guide is also valuable to the student and is highly recommended.

Exactly as you would expect.

That's exactly what I needed

I have been able to use this book to help me through 3 classes so far. Probably will help me in senior design. Very detailed with good descriptions of equations and their applications. Perfect for anyone who needs that extra side material to really get a thorough understanding.

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