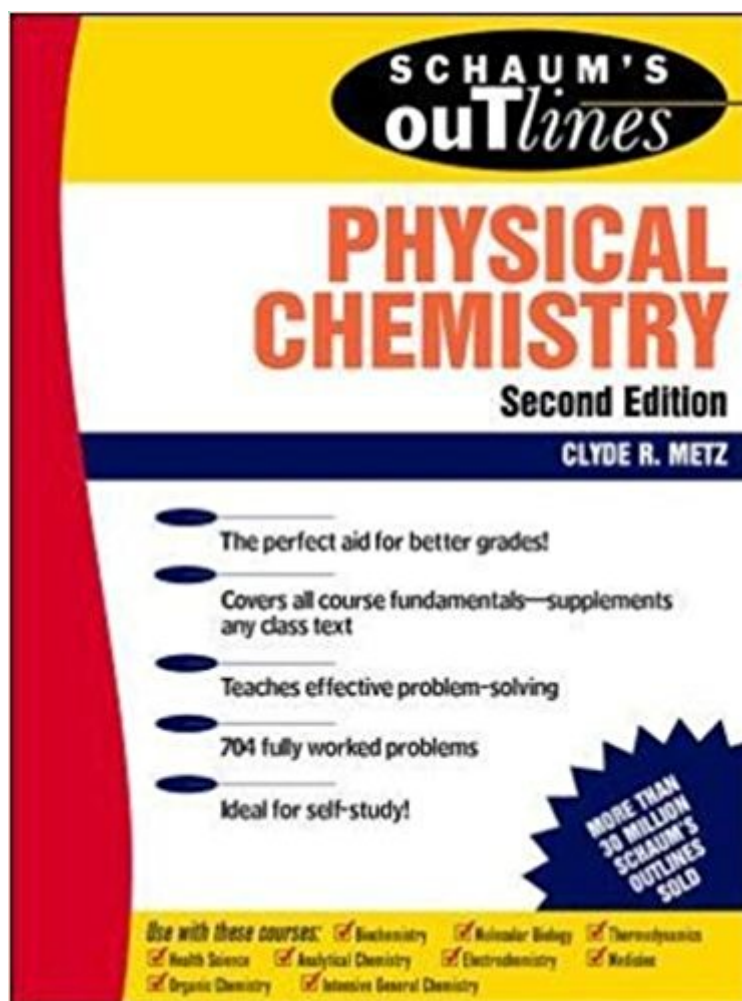




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# Schaum's Outline Of Physical Chemistry (2nd Edition)



## Synopsis

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## Book Information

Paperback: 512 pages

Publisher: McGraw-Hill Education; 2 edition (July 1, 1988)

Language: English

ISBN-10: 0070417156

ISBN-13: 978-0070417151

Product Dimensions: 8.2 x 0.9 x 10.8 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars 18 customer reviews

Best Sellers Rank: #170,603 in Books (See Top 100 in Books) #55 in Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry #81 in Books > Science & Math > Physics > Dynamics > Thermodynamics #210 in Books > Medical Books > Medicine > Internal Medicine > Pathology > Clinical Chemistry

## Customer Reviews

McGraw-Hill authors represent the leading experts in their fields and are dedicated to improving the lives, careers, and interests of readers worldwide

Buying this book was a waste of my time. It doesn't cover any of the material that I learned in my physical chemistry course at university. There are no equation derivations, only math problems using the equations. May work for some classes, but not mine.

Well, the fact that you're on this page is already telling: no one just stumbles across a physical chemistry study guide. As far as study guides go...there are only three that I know of. One is full of errors, so that's a no-go. The second one is the ACS and that just basically gives you a light rundown before assaulting you with questions. The third is this book. And I've got to say, it's a freaking awesome study guide (thank god, or I'd be seriously screwed; seriously, how can there only be three study guides out there?). This book is sectioned into parts...Thermodynamics, Statistical Mechanics...etc., etc. It combines both P.Chem I and P.Chem II (if your college has separated them into separate classes). I'll go into the pros/cons here, but know this prior: if your textbook is anywhere near as crappy as mine (i.e. explains all the theoretical crap, but doesn't bother to explain how to actually apply it), you want this book.

Stat.Pros:(1) The glossary. Yeah, I know. "WTF, all books have a glossary!" True, yet not true. All books may have a glossary, but not a lot of study guides do. Continuing on, even if they somehow do have a glossary, it seems to be far lacking. This book has an extensive glossary, making it really easy to find what you're studying in class/the textbook spur of the moment.(2) Tons of problems sectioned out by category IN the category. Ok, so what do I mean. I mean, take for example the subject Thermodynamics. Inside thermo, there's a bunch of other sub-topics. This book takes example problems and sections them out into their sub-categories. Then, it gives you way more sample problems with answers (also sectioned out by category). Although these aren't worked, they're still really useful for practice.(3) Really easy to understand. And by that, I mean REALLY easy to understand. I've never had problems understanding anything until I reached this class. The problem for me, in this class, was the notation. Anyways, this book actually explains everything fairly well (basically, the fundamentals of p.chem). For more extensive knowledge then, it's easy to go back to the text book. As I said earlier, the textbook does all of the theoretical crap but doesn't explain the fundamentals. This explains the fundamentals which then makes understanding the theoretical crap so much easier.

Cons:(1) In example problems, sometimes the book lists steps without actually saying what they did to get there. I.e., it does something from one step to the next, and doesn't say what was actually done. It's not a terrible problem, it just makes it a little more time consuming trying to figure out what they did.(2) Tends to use a lot of abbreviations to save space. It'll tell you to use equation 2.3 and 2.5 to solve and get 'this'. It's irritating to go back and get those equations to solve the problem. But it's a relatively small irritation.

All in all, rating this book a 9/10~ It's a fairly excellent book, and you should give it a try if you're in need of a study guide.

The book is great for presenting many solved problems in the field. However, I was disappointed in

not seeing many (if any) derivations of equations. I have come to expect good, insightful derivations from reading other Schaum series like "Vector Analysis" and "Theoretical Physics" --- 2 of my favorites. I would recommend this book for college level p-chem students who want practice with the concepts.

This book saved my grade! Whether you are seeking to excel (who isn't?) or just save your grade and get the semester over with, HIGHLY RECOMMEND! This book translated the material into plain english and helped tremendously with homework assignments and exam prep.

I'm currently taking Physical Chemistry II at Cornell University, which is basically Thermodynamics and all of the related subfields. Although I am usually highly satisfied with the content that Schaum's Outlines brings to the table, in this arena they've seemed to fail at making things easier to grasp, and ultimately triumphed at confusing me beyond belief. There is no mention of the partition function, and other than the VDW equation of state, there is no discussion about the Redlich-Kwong EOS nor the Peng-Robinson EOS which we were required to know as well. If you want a review book, I would not suggest purchasing this one.

Very good product

great. this product was just great. great was the product and I think the service was great as well! I am very happy with this product.

excellent

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