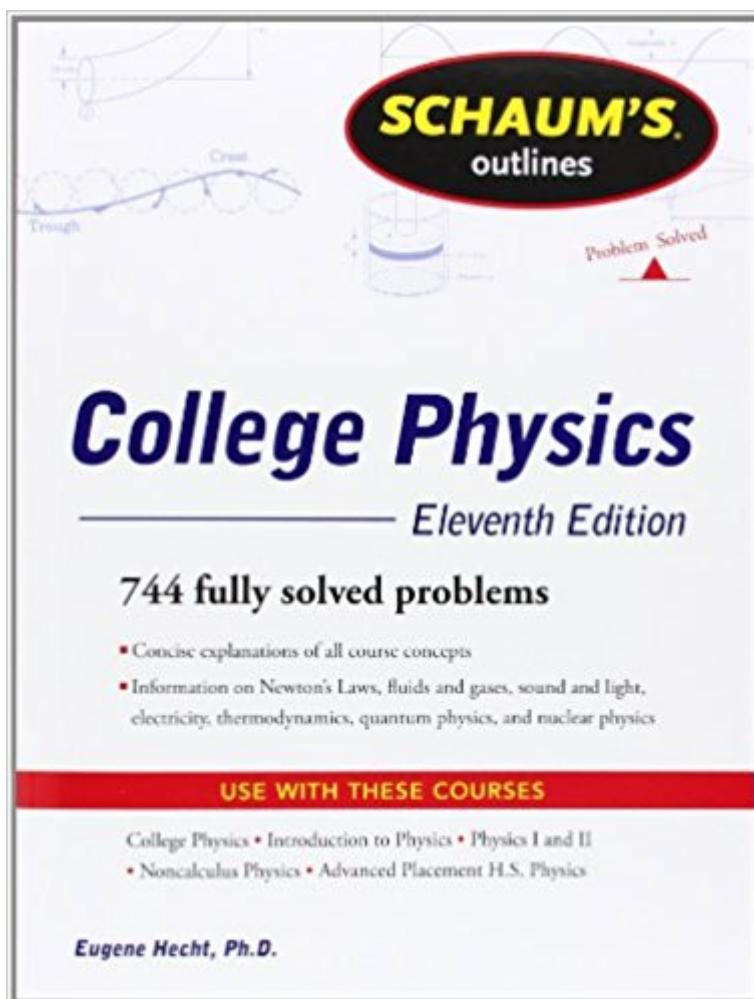


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# Schaum's Outline Of College Physics, 11th Edition (Schaum's Outlines)



## Synopsis

The ideal review for your college physics course More than 40 million students have trusted Schaum's Outlines for their expert knowledge and helpful solved problems. Written by renowned experts in their respective fields, Schaum's Outlines cover everything from math to science, nursing to language. The main feature for all these books is the solved problems. Step-by-step, authors walk readers through coming up with solutions to exercises in their topic of choice. Outline format facilitates quick and easy review of college physics 984 solved problems Hundreds more practice problems with answers Exercises to help you test your mastery of college physics Appropriate for the following courses: College Physics, Introduction to Physics, Physics I and II, Noncalculus Physics, Advanced Placement H.S. Physics

## Book Information

Series: Schaum's Outlines

Paperback: 528 pages

Publisher: McGraw-Hill Education; 11 edition (October 10, 2011)

Language: English

ISBN-10: 0071754873

ISBN-13: 978-0071754873

Product Dimensions: 8.1 x 0.9 x 10.5 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 111 customer reviews

Best Sellers Rank: #14,038 in Books (See Top 100 in Books) #56 in Books > Textbooks > Science & Mathematics > Physics #72 in Books > Education & Teaching > Studying & Workbooks > Study Guides #160 in Books > Science & Math > Physics

## Customer Reviews

Eugene Hecht has authored nine books including Optics, published by Addison Wesley, which has been the leading text in the field for several decades. He has also written Schaum's Outline of Optics and coauthored Schaum's Outline of Quantum Mechanics. Frederick J. Bueche was a Distinguished Professor at Large at the University of Dayton and received his Ph.D. in physics from Cornell University.

The Schaum's Outline of College Physics was a recommended reading for the Physics I and Physics II courses at the local university. While the primary physics textbook analyzed

each of the main topics/theories within physics, from Newton's laws to thermodynamics, per the scope/requirements of the classes, there was a lack of practice problems, examples, and/or in-depth solutions provided for the purposes of practical application of the lessons taught. Comparatively, Schaum's book, within each chapter, takes a look at the theory in question, provides the applicable equations and example problems with their solutions, and additional problems for you to attempt to solve without seeing the steps involved. I personally carried over this study plan, using a textbook and a supplemental practice book such as Schaum's book, for my courses in statistics. Definitely a good, useful purchase for making it through college level physics.

This outline and the example questions it contains are a Godsend for university physics students. The concept summaries are concise but easily understood, the organization is much more intuitive than many text books, and the solved problems are very broad in scope. Before using this book I was struggling on written assignments and felt like I was behind the class. After pushing through the example questions and the supplementary problems provided here, my homework averages increased dramatically (from 70% avg to 90% avg). This text would be largely unnecessary if the text book supplied an adequate number of problems with solutions, or additionally in my case, less wordy explanations in the example problems. If you are having trouble sloshing through the laborious dialogue that makes up most modern physics texts or have a sub par teacher, consider one of these supplementary books. Keep in mind that there is no calculus in the introductory chapters. If you need problems of that sort, check out the companion problem solver, Schaum's 3000 phys questions, (another valuable resource.). I would recommend this to college students, ap or high school students and homeschoolers. There are errors here and there in the answers (very rare!) but this book (and the entire schaum series really) still manages to stomp the competition into the ground.

Problems, problems, and more problems. That seems to be what it takes to really learn the material. Just reading the chapter gives you the formulas and explanations, but it's not until you do the problems that it really starts to make sense. Get ready to do a lot of work. With that said, the book really drills the material well. I feel like I will be well prepared for a college course in physics after going through this book. I recommend this to people that haven't taken high school physics, or people that need a refresher. This book doesn't use calculus. In addition, the book is definitely lower in difficulty than the introductory college physics course that I'm familiar with, which would be MIT's

OCW course. I really feel like this book is preparing me for that course. I'm halfway through the book, after two months working on it...The book gets four stars for two reasons:1) I reserve 5 for exceptional quality. I'm a tough grader.2) There is no online errata that I'm aware of. And there are a few errors in the book.

I needed extra practice problems for a college physics course. My professor only gives a few problems to work on per chapter so this has definitely helped. Only problem for me is that it's an algebra based physics course, so there are a lot of problems and formulas in this book that we do not use. Overall though it's a great supplement, especially since all the problems are worked out for you so you can see where you went wrong.

The book is very helpful in condensing long textbook chapters into paragraph long summaries which saves you a lot of time. It includes all of the important formulas and clearly explains what each term stands for. The worked out problems are a plus in providing you with practice problems and step-by-step instructions on how to solve them in case you get stuck. It's a must have for people who have difficulty understanding Physics.

This book is worth every penny. I've taken two terms of calculus based physics and it has proven to be an invaluable tool. My problem solving skills and conceptual understanding of physics has boomed over the past 6 months. The book does a great job of covering mechanics, fluids ,waves, thermodynamics, and light. I have yet to cover anything to do with electricity, but, after spending so much time working problems out of this book, there's no doubt in my mind that they'll do a great job with that as well. If you are a student, or someone who's interested in physics in general, you'll love this book.

My professor doesn't like to refer books for his class but he still did, and to my surprise, it was this one! And there is a good reason for it!A book that complete topics in a chapter in 40 pages, this book will cover the same material will do it in 10 or less. This book is very much to the point and derive them quite clearly. Excellent book

My grandson is also taking this class in high school and found the additional problems works helps with understanding the the problems on tests and in class.

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