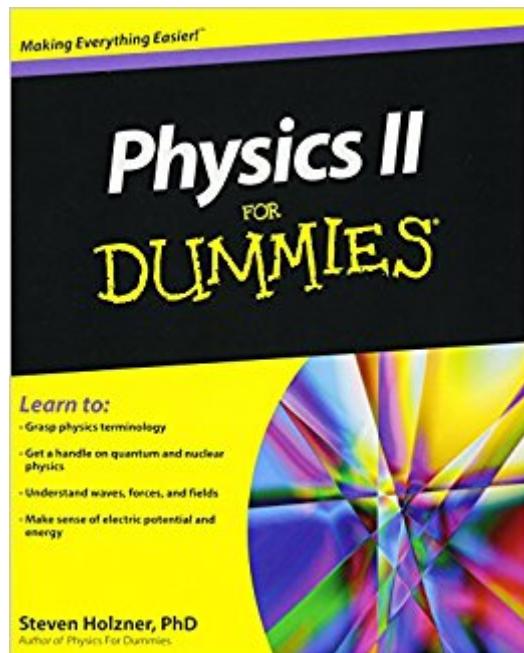


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# Physics II For Dummies



## Synopsis

A plain-English guide to advanced physics Does just thinking about the laws of motion make your head spin? Does studying electricity short your circuits? Physics II For Dummies walks you through the essentials and gives you easy-to-understand and digestible guidance on this often intimidating course. Thanks to this book, you don't have to be Einstein to understand physics. As you learn about mechanical waves and sound, forces and fields, electric potential and electric energy, and much more, you'll appreciate the For Dummies law: The easier we make it, the faster you'll understand it! An extension of the successful Physics I For Dummies Covers topics in a straightforward and effective manner Explains concepts and terms in a fast and easy-to-understand way Whether you're currently enrolled in an undergraduate-level Physics II course or just want a refresher on the fundamentals of advanced physics, this no-nonsense guide makes this fascinating topic accessible to everyone.

## Book Information

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## Customer Reviews

"There is very little else to say - this book does exactly what it says on the cover. The text is well presented with informative illustrations, examples and guiding points for the reader. The information was informative and understandable for the reviewer who has not encountered these topics in this depth for several years." (Reviews, December 2010)

Your plain-English guide to advanced physics Does just thinking about magnetism make your head spin? Thanks to this book, you don't have to be Einstein to understand physics. It walks you through

the essentials and gives you easy-to-understand and digestible information on this often-intimidating course. From sound and light waves to electric potential and electric energy, this no-nonsense guide makes this fascinating topic accessible to everyone. Physics II 101  $\cdot$  get a crash course on the main topics covered in a typical Physics II course and brush up on basic skills, like making conversions and working with scientific notation  $\cdot$  Get charged up  $\cdot$  understand the role of electricity and magnetism in Physics II, from AC circuits to permanent magnets to magnetic fields  $\cdot$  Ride the wave  $\cdot$  learn how light waves interact and interfere with each other and how they bounce off things, pass through glass, and do all sorts of cool stuff  $\cdot$  Go exploring  $\cdot$  take a look at the theory of special relativity and learn what Einstein (among other physicists) had to say about it  $\cdot$  Open the book and find: A look at electric fields, voltage, and charge  $\cdot$  The effects of resistors, inductors, and capacitors  $\cdot$  Everything you need to know about magnetism  $\cdot$  How light interacts with lenses and mirrors  $\cdot$  The scoop on sound, light, and other waves  $\cdot$  A look at special relativity  $\cdot$  The relationship between energy and matter  $\cdot$  The structure of atoms  $\cdot$  The nuts and bolts of radioactivity  $\cdot$  Learn to: Grasp physics terminology  $\cdot$  Get a handle on quantum and nuclear physics  $\cdot$  Understand waves, forces, and fields  $\cdot$  Make sense of electric potential and energy

As someone who is weak in Physics, I used this book to study ahead before my Physics II course. The book is written in an entertaining style that is very clear. I highly recommend this for anyone taking Physics II or about to take Physics II.

This is the second of two Dummies books on physics. It is practical and useful on explaining the basics but not so elementary that it loses importance. You might have better books explaining the maths, but the simple but well written text is not mired with loads of mathematical proofs, but does have a nice mix.

Very good overall -- I used it to translate my Calculus based Physics text book into English. Uses basic algebra and trig to cover 2nd half of a 2 semester physics course, although the order and organization of the topics may vary from school to school. I didn't use the work books, so I can't gauge their quality nor the level of synergy between the book and the workbook. Gripe: references material in book one that... is ... not in book one. Would like a tear-out card for formulas like many of the other dummies books have.

Good product and fast delivery

## Informative Book!!

I love the "...For Dummies" line of support regardless of the difficult subject matter. As for physics, and the comprehension of this subject material, as many different means of tutorial support are always helpful in grasping the theory of the subject. This is a great book to support and enhance an introductory physics course.

The first book got me an A in my college physics class. This book looks as thought it will get me another! I go to Florida State University....not exactly an easy school, so this does it's job!

This book definately helped my daughter. Wish I bought it sooner.

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