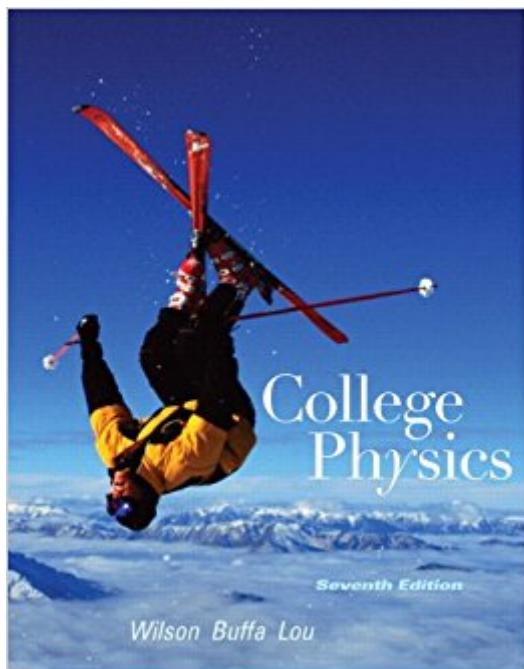


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# College Physics (7th Edition)



## Synopsis

College Physics conveys the fundamental concepts of algebra-based physics in a readable and concise manner. The authors emphasize the importance of conceptual understanding before solving problems numerically, use everyday life examples to keep students interested, and promote logical thinking to solve multiple step problems. The Seventh Edition of this text presents an especially clear learning path, places a strong emphasis on understanding concepts and problem-solving, and for the first time, includes a book-specific version of MasteringPhysics®.

## Book Information

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## Customer Reviews

This clearly-written, student-friendly text has achieved wide popularity because of its strong pedagogical orientation. The text: carefully develops problem-solving skills by means of unusually thorough step-by-step explanations of its worked examples; emphasizes conceptual understanding, reinforced by numerous Conceptual Examples; includes an abundance of real-world applications that sustain student interest and insight; features a concise treatment that focuses on the essential core material, with a minimum of digressions, superfluous features, etc. --This text refers to an out of print or unavailable edition of this title.

This reader-friendly book presents the fundamental principles of physics in a clear and concise manner. Emphasizing conceptual understanding as the basis for mastering a variety of problem-solving tools, it provides a wide range of relevant applications and illustrative examples. This book discusses mechanics, thermodynamics, oscillations and wave motion, electricity and

magnetism, optics, and modern physics. For anyone wishing to learn more about the fundamentals of physics and how physical principles apply to a variety of real-world situations, devices, and topics. --This text refers to an out of print or unavailable edition of this title.

Physics is a difficult subject. This text does an admirable job of making a difficult subject easier. There are advantages and disadvantages to disallowing the writer to use calculus in writing the material. Some formulas require calculus to derive and so must be either taken on faith as true, or the derivations looked up in a calculus based test. Fortunately the times when this issue comes up are few enough to not seriously hamper the flow of the book. This book may be read as a first book on Physics. I strongly recommend the book Conceptual Physics by Hewitt for a running start at the subject. Members of the lay public interested in physics may read both of these texts, as they are at introductory level and contains material on classical as well as modern physics. The units are in SI ( metric ) which simplifies the math. The Wilson and Buffa text has Color photos of natural phenomenon and situations that illustrate the physics under discussion. There examples are intermixed throughout showing how to work problems involving the principles involved. I believe this book is an important part of a well rounded education. Physics is NOT an easy topic. If it were, then Newton would have developed theories on relativity and gravity waves. This book does what it was designed to do, that is assist beginners in starting their journey. I read the book. I found it to be fun. Katherine Rogers Yes, Real girls do physics.

This summer, the physics department decided to go with the 7th edition. My teacher said that there is not much of a difference at all between the 6th and 7th editions. The bookstore was selling the 7th edition for \$160 and I got this book for \$15 including expedited shipping. So far, the differences have not been noticeable and this book is working just fine. The examples are helpful in the book and the book flows in a logical order that builds upon what you learn.

Great price fast shipping

Decent shape, though the front inside cover was torn which contains a lot of the reference info that is useful in a physics book.

I got my book in very rough shape but for an almost %90 off retail well worth the few ripped falling out pages. This sounds like a negative review but it's not as long as you don't mind well worn books

this is a great purchase.

My used College Physics, Volume 1 (6th Edition) book arrived in good condition just as described. Its content however is decent only if you have a fair preexisting knowledge of physics and your professor does a good job of working through examples. I have had other textbooks where I could go home after class and figure something out easily. Had difficulty working through examples on my own with this one.

I have the 6th Edition. Besides that it's riddled with many errors, there are fundamental concepts "taught" in this textbook that are BLATANTLY erroneous. Just a couple of quick instances without getting too specific: 1) In the Thermodynamics chapter, their main equation that is the foundation of the chapter is  $Q = \Delta U + W$ , which is INCORRECT. It should be  $\Delta U = Q - W$ ... why is this SO important (it doesn't seem so at first look since you can rearrange the equation to show this is "equal" sort of...) but it is apparent when you start doing equations and things don't add up intuitively. For instance, when work is done by the system, they show that the heat (Q) increases by  $Q = W$ ... which is WRONG, actually, the internal potential energy ( $\Delta U$ ) of the system lowered - the heat DID NOT change. And, they actually show in some problems that AFTER THE SYSTEM DOES WORK, it's ENERGY INCREASES??? WHAT? It takes energy to do work, so when you do work, you expend energy, NOT gain it... I found these errors by intuition - I'm only a student. These Ph.Ds should be ashamed of their selves - these are NOT typos or calculation errors, these are huge CONCEPTUAL errors. Another one of my favorites - BY APPLYING A FORCE FOR LESS TIME YOU CAN CREATE MORE "DAMAGE"... WHAT??? Seriously? They actually "teach" you this in the section on impulse. The exact quote is, "In some cases, we shorten the contact time to maximize the impulse force - for example, in a karate chop." When I first read this, being only a student, I said to myself, "Gee, that's interesting, it almost seems counter-intuitive, we learn something new every day...". So while I decided to explore this more because I couldn't wrap my mind around it, I discovered they screwed up their concept because of some basic algebra errors, and because it sounds IMPOSSIBLE to get more damage (or work) by applying the SAME AMOUNT of force with LESS TIME, it turns out IT IS IMPOSSIBLE. I won't bore you with the 9th grade algebra to easily dispel their theory, but it's quite simple. Take my word, be very circumspect if you're using this text to learn physics. If something "don't seem to add up", do some further discovery or you'll be ruined for life - like these 3 must have been when they learned these incorrect concepts. I hope we don't every fly in a plane or drive a vehicle that was designed using the

principles taught in this text... :) For more specifics on these errors I listed, just leave comments and I'll add the proof... Thanks. Take care.

For the price, it is worth it. I used this book for both semester of college physics. Saved me so much money yo (I still don't like physics fyi)

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