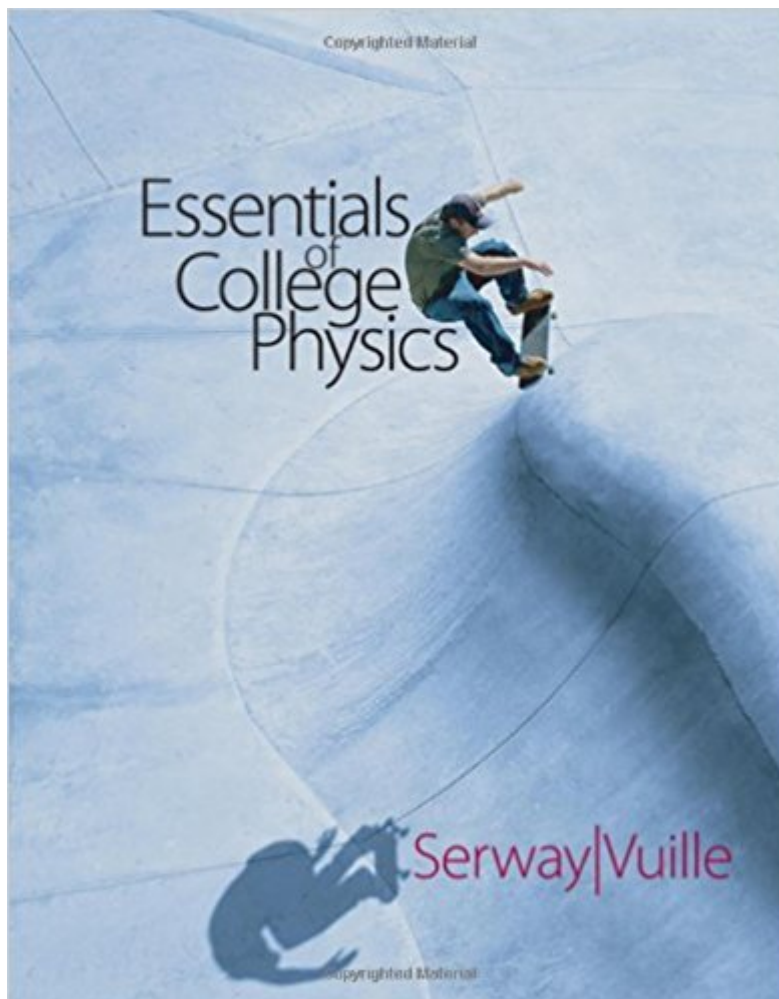


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# Essentials Of College Physics (with CengageNOW 2-Semester And Personal Tutor Printed Access Card) (Available 2010 Titles Enhanced Web Assign)





## Synopsis

ESSENTIALS OF COLLEGE PHYSICS is a streamlined version of Serway's market-leading College Physics text, using the same clear and logical presentation of the concepts and principles but providing a slimmer and more affordable alternative for instructors looking to focus on the core concepts. By integrating the guiding principles of physics education research and including unique just-in-time quantitative problem-solving features, the text strikes a balance between problem-solving support and conceptual understanding. "Math Focus" boxes and a unique "Math Appendix" provide your students with an opportunity to master their numerical problem-solving skills and then connect those skills to concrete physics applications. "Quick Quiz" and "Checkpoint" questions provide students with ample opportunity to test their conceptual understanding, while "Tips" boxes help students avoid common misconceptions. And all "Worked Examples" feature a two-column format, explaining each step of the solution both conceptually and quantitatively. The innovative technology program is perfectly tailored to support any course design. All end-of-chapter problems, worked examples, checkpoints and quick quizzes are available in WebAssign (enhanced with hints and feedback), allowing instructors to securely create and administer homework assignments in an interactive online environment. For instructors utilizing classroom response technology, a complete suite of questions, pre-formatted in PowerPoint, is available to support the JoinIn™ on TurningPoint interactive lecture solution, or the "clicker" software of your choosing. The text's flexible, accessible, and focused presentation, coupled with an extraordinary technology program, gives students and instructors the tools they need to succeed.

## Book Information

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## Customer Reviews

Raymond A. Serway is Professor Emeritus at James Madison University. He earned his doctorate at Illinois Institute of Technology. Among his accolades, he received an honorary doctorate degree from his alma mater, Utica College, the 1990 Madison Scholar Award at James Madison University (where he taught for 17 years), the 1977 Distinguished Teaching Award at Clarkson University and the 1985 Alumni Achievement Award from Utica College. As a Guest Scientist at the IBM Research Laboratory in Zurich, Switzerland, Dr. Serway worked with K. Alex Müller, who shared the 1987 Nobel Prize in Physics. He also was a visiting scientist at Argonne National Laboratory, where he collaborated with his mentor and friend, the late Sam Marshall. In addition to this text, Dr. Serway is the co-author of COLLEGE PHYSICS, Eleventh Edition; PRINCIPLES OF PHYSICS, Fifth Edition; ESSENTIALS OF COLLEGE PHYSICS; MODERN PHYSICS, Third Edition; and the high school textbook PHYSICS, published by Holt McDougal. He has published more than 40 research papers in the field of condensed matter physics and has given more than 60 presentations at professional meetings.

Chris Vuille (PhD, University of Florida) is associate professor of physics at Embry-Riddle Aeronautical University, the world's premier institution for aviation higher education. While he has taught courses at all levels, including postgraduate, his primary interest is the teaching of introductory physics courses. He conducts research in general relativity, astrophysics, cosmology, and quantum theory and was a participant in a special three-year NASA grant program where he studied properties of neutron stars. His work has appeared in many scientific journals and in ANALOG SCIENCE FICTION/SCIENCE FACT magazine. He is the coauthor of COLLEGE PHYSICS, Eleventh Edition and ESSENTIALS OF COLLEGE PHYSICS.

I highly value a well-written textbook because the textbook is, many times, the key to truly understanding the material of a college course. This book will leave you utterly helpless. There are many problems with this book, but, for the sake of brevity, I'll simply summarize the most egregious example of the uselessness of this book. Throughout each section, which are heavily weighed down with technical jargon the publishers apparently feel no need to explain in any systematic way, the formulas will be presented, and, roughly speaking, one example will be shown using pictures to demonstrate the concept. You'll get to the end of the chapter, turn to the problem sets, and wonder what in the hell was the entire point of the preceding chapter. The chapter leaves out an real attempt to explain a method for solving word-based physics problems. You'll flip back-and-forth,

back-and-forth looking for any hint on how to correctly answer the problem only to end up on google searching for an explanation of how they got from A to B. The book spends part of the first chapter explaining how there is a major distinction between speed and velocity only to use the words interchangeably for the remainder of the book in the problem sets. Now, I'm totally dependent on a professor who is just as confusing as the textbook. I'm now looking for a supplementary textbook to fill in the chasm that this book creates.

We used this book for College Physics I... It's just not a great textbook (and I did actually read the book). As my teacher said, the problems are written by different people than those who write the text, and this inconsistency makes it hard sometimes to figure out answers. Concepts are not well-explained. All of the in-text examples use scientific notation for every number (literally 500 is  $5.0 \times 10^2$ ) so it's pretty hard to follow with your eyes. But I guess it still gets the job done.

I don't really like the set up of the book, but I had to get it for class.

I rented it for one semester. Its arrived to me before the date initially referred and its woks perfectly.

Very clean for the price I received it at.

Exactly what I ordered. Pleased.

A good physics textbook

It's a college physics book. They talk about physics in this book. If you want to learn physics, you can buy this book.

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