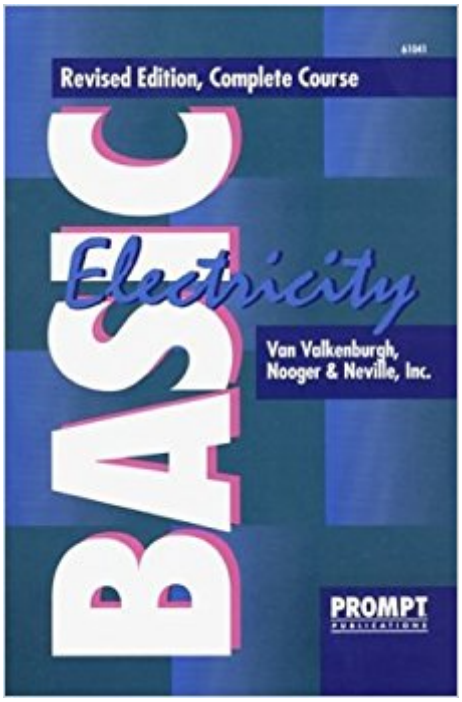
Basic Electricity: Complete Course, Volumes 1-5 In 1



Synopsis

Considered to be one of the best electricity books on the market, the authors have provided a clear understanding of how electricity is produced, measured, controlled and used. A minimum of mathematics is used for direct explanations of primary cells, magnetism, Ohm’s Law, capacitance, transformers, DC generators, and AC motors. Other essential topics covered include conductance, current flow, electromagnetism and meters.

Book Information

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Average Customer Review: 4.7 out of 5 stars 63 customer reviews

Best Sellers Rank: #331,313 in Books (See Top 100 in Books) #118 inÃ Â Books > Science & Math > Physics > Electromagnetism > Electricity #646 inÃ Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics #668 inÃ Â Books > Textbooks > Education > Counseling

Customer Reviews

Last year (2008) I became interested in building receivers/radios from plans of the 1920s through the 1950s. Also, I’m interested in fixing up nice old radios from the same period. Even though I had exposure to electricity and magnetism in college physics classes more than 30 years ago it quickly became apparent I was sadly lacking when it came time to understanding and reading schematics and circuits, let alone all those crazy little components and wire thingies. And those vacuum tubes... they look cool but what do they actually do? I decided if I was to have maximum enjoyment from my new interest I would need to start from the beginning. No shortcuts. That meant getting a firm grip on electricity to start. Whoa! Electricity.... that’s got to be a complicated field to just start learning on your own isn’t it??? Well, yes and no. If you have to sit in a classroom and listen to someone lecture on and on about theory while you’re daydreaming about that juicy cheeseburger you’re going to have for lunch, then yes that’s hard. On the other hand, if you got some great advice from an old geezer like me to pick up these 5 little volumes on Basic Electricity and start out reading just a few

pages at a time and digesting those ideas and information before moving on... then you are in for a whole new learning experience. Each idea is illustrated with graphics and cartoons. For me this is part of what makes these volumes so worthwhile. I'll admit it... I'm a visual learner. Having those graphics and cartoons really help the information sink into my brain. Don't rush. Take your time and try to really understand each concept before moving ahead. It really makes the next chunks of information easier to grasp. I know. I went over several sections many, many times until being comfortable. I would also highly recommend the series 'Basic Electronics', as well as 'Basic Radio'. These are Rider publications. Perfect self-paced education for the person interested in this field of vintage electronics. Just imagine the fun of building your first regenerative receiver or crystal set and knowing the function of each component and why they work the way they do!!! Six Stars!!!

I always wondered how electricity works! I've read this book, and then a couple of years later re-read this book and all the basics are in there, plus! It's well written and easy to follow.Of coarse nobody knows why electricity and magnetism exist, only how to create and use them!

Amazing. These books are in brand new condition even thought they're first editions, published in 1954! A real "blast from the past". Even though a small amount of the contents have been revised in a later edition to keep up with more current developments in the field, I enjoy having these perfect copies of the books I originally had back in the early 60s.

First read this book when I was in the 6th grade (> 40 yrs ago). Still presents the fundamentals of DC and AC circuit theory accurately. Glad to have it in my library again.

Explained from the point of science and now I understand. I always want to know why I am doing something so, in case I get into a situation I've never come across, I can think my way out. The info in this book allows me to do that. The graphics are very dated but really have no negative impact on the info whatsoever.

Very well done! I'm quite happy with the content of this text, and look forward to mastering its content. Superb!

For over 40 years I tried to find an introductory book on electricity that was readable to the non-professional and non-science student. With this book, I finally found it. What most authors

"explain" in a page, these authors explain in ten pagesÃƒÂ¢Ã â ¬Ã â •and it makes a big difference.

Read this book from cover to cover with no problems. I am truly amazed at the quality of information it contains. It is slightly repetitive as you move from chapter to chapter, but this helps me ingrain knowledge. Many might find this off putting, but it works great with my memory! If you are interested in this subject, read this book from cover to cover, and you will be right on track for many more advanced topics.

Basic Electricity: Complete Course, Volumes 1-5 in 1 Electricity and Magnetism, Grades 6 - 12: Static Electricity, Current Electricity, and Magnets (Expanding Science Skills Series) Shocking! Where Does Electricity Come From? Electricity and Electronics for Kids - Children's Electricity & Electronics 25 Uses of Electricity 4th Grade Electricity Kids Book | Electricity & Electronics French Complete Course: Basic-Intermediate, Compact Disc Edition (LL(R) Complete Basic Courses) (English and French Edition) German Complete Course: Basic-Intermediate, Compact Disc Edition (LL(R) Complete Basic Courses) Italian Complete Course: Basic-Intermediate, Compact Disc Edition (LL(R) Complete Basic Courses) Japanese Complete Course: Basic-Intermediate, Compact Disc Edition (LL(R) Complete Basic Courses) Russian Complete Course: Basic-Intermediate, Compact Disc Edition (LL(R) Complete Basic Courses) Alfred's Basic Adult All-in-One Course, Book 1: Learn How to Play Piano with Lesson, Theory and Technic (Alfred's Basic Adult Piano Course) Alfred's Basic Group Piano Course, Bk 1: A Course Designed for Group Instruction Using Acoustic or Electronic Instruments (Alfred's Basic Piano Library) What Are Insulators and Conductors? (Understanding Electricity) (Understanding Electricity (Crabtree)) What Is Electricity? (Understanding Electricity (Crabtree)) Electricity for Kids: Facts, Photos and Fun | Children's Electricity Books Edition Conductors and Insulators Electricity Kids Book | Electricity & Electronics Static Electricity (Where does Lightning Come From): 2nd Grade Science Workbook | Children's Electricity Books Edition Glencoe Physical iScience Modules: Electricity and Magnetism, Grade 8, Student Edition (GLEN SCI: ELECTRICITY/MAGNETIS) Science Fair Projects With Electricity & Electronics: Electricity & Electronics Alfred's Basic Piano Course: Praise Hits Complete Level 1A & 1B: For the Later Beginner (Piano) (Alfred's Basic Piano Library) Living Language French, Platinum Edition: A complete beginner through advanced course, including 3 coursebooks, 9 audio CDs, complete online course, apps, and live e-Tutoring