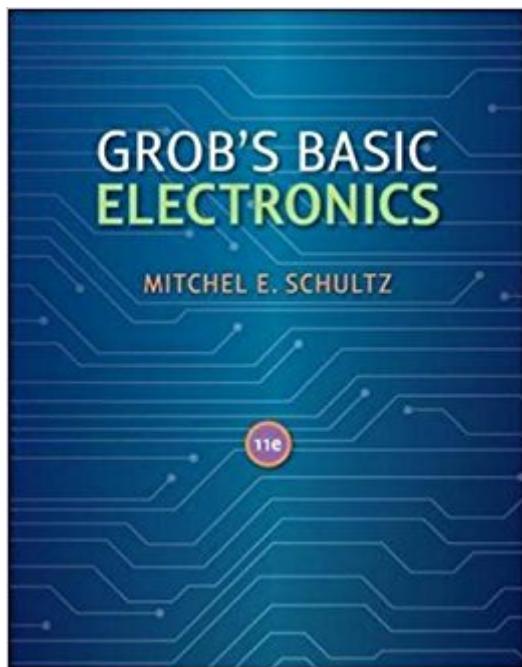


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# Grob's Basic Electronics



## **Synopsis**

"Grob's Basic Electronics, Eleventh Edition" is written for the beginning student pursuing a technical degree in Electronics Technology. In covering the fundamentals of electricity and electronics, this text focuses on essential topics for the technician, and the all-important development of testing and troubleshooting skills. This highly practical approach combines clear, carefully-laid-out explanations of key topics with good, worked-out examples and problems to solve. Review problems that follow each section reinforce the material just completed, making this a very student-friendly text. It is a thoroughly accessible introduction to basic DC and AC circuits and electronic devices. This eleventh edition of this longtime best-selling text has been refined, updated and made more student friendly. The focus on absolutely essential knowledge for technicians, and focus on real-world applications of these basic concepts makes it ideal for today's technology students.

## **Book Information**

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## **Customer Reviews**

Great textbook for beginners to electricity and electronics. I bought this for the makerspace I belong to, OlyMEGA, to add it to our library.

This book provides a solid foundation for learning electronics. It covers all of the areas associated with learning basic electronics. It is used as a primary reference book at the United States Marine Corps' Communication Electronics School located aboard the Marine Air Ground Combat Center, Twentynine Palms, California. The simulation software offered on the companion CDROM, called Multisim, and was originally known as Electronics Workbench. It provides an interactive

environment that allows the electronics student to apply the lessons learned in the text as well as vary the parameters and immediately observe the results. In addition to the CDROM and material provided in the textbook, there is a companion website that provides an online learning center for students and instructors: [...]

Book came in extremely great condition for the price. Looking forward to buying future text books.

Love it.

Excellent book for beginners. This book is a breeze if you are comfortable with basic algebra, but isn't so easy that you don't learn anything. This book is even suitable if you've taken your basic lower division electricity and magnetism physics class because this book focuses more on circuits rather than physics which is why I signed up for the class and got the book. If you aren't comfortable with basic algebra then you might want to try to either pick up Mathematics for Grob's Basic Electronics (which I haven't picked up but has good reviews) or pick up a math book. My only complaint is that with the more difficult and abstract concepts this book has very few or completely lacks any homework problems on those subjects and instead focuses on conversions. This may leave some people feeling a little lost on concepts such as magnetic flux, induced currents and voltage, hysteresis, and other subjects. All in all, this book will suit your needs if you have no experience with electronics or electricity and magnetism.

An excellent book it just got better and better over the years.

I just finished a couple of Intro to Electronics classes that used this book, and I think it's one of the best textbooks I have ever purchased. The material is clear, well-paced, and backed up with lots of examples and diagrams. There are quizzes, knowledge checkpoints, formula summaries, vocabulary summaries, etc, at the end of each chapter. The problems sets include answers for the odd problems, which I found to be extremely helpful. I can't recommend this book strongly enough.

So far I'm ten chapters through the book and it is very straightforward and helpful. It makes learning Electrical Engineering through self study a lot easier. This is also used in the latest engineering classes at my school. Some of the questions need to be clarified for what exactly the author is asking for but I was eventually able to figure things out. It's a very helpful tool for the student

engineer.

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