

Let Forrest M. Mims, III Teach You Electronics

Getting Started in Electronics

This is a complete electronics course in 128 pages! This famous electronics inventor teaches you the basics, takes you on a tour of analog and digital components, explains how they work, and shows how they are combined for various applications. Includes circuit assembly tips and 100 electronic circuits you can build and test. Forrest has written dozens of books, hundreds of articles, invented scientific devices and travelled to the Amazon for NASA, and loves to share his knowledge with eager students!

GSTD \$19.95

Engineer's Mini Notebooks by Mims

These 4 Mini Notebooks include wonderful project ideas for students and hobbyists. Forrest's little books have stimulated many science fair projects and are popular with hobbyists of all ages. Even professional scientists recommend them as a fun way to learn about electronics!



Timer, Op Amp, and Optoelectronic Circuits & Projects

This Mini Notebook features more than two dozen 555 timer circuits that you can build, 50 operational amplifier (Op Amp) circuits, and a wide range of optoelectronic circuits and projects including many LED and lightwave circuits.

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Science and Communication Circuits & Projects

Use these plans to make a simple seismometer, build a sun photometer to make accurate measurements of the atmosphere, study rain, lightning, and sunlight; and build a wide variety of lightwave and radio communication circuits.

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Electronic Sensor Circuits & Projects Electronic sensors convert light, temperature, sound, and other signals into a form that can be processed by electronic circuits. Learn about solar cells, photoresistors, thermistors, and magnet switches. Then build circuits that respond to heat, pressure, light, and more.

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Electronic Formulas, Symbols & Circuits

This Mini Notebook provides a complete, basic electronics reference guide for the workshop or your ham shack. Includes many frequently-used formulas, tables, circuit symbols, and device packages. Design and testing tips are provided to help you plan and troubleshoot your circuits.

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Teach yourself the correct use of your multimeter. Book explains fundamental concepts of electricity including conventional and electron current and series and parallel circuits. It teaches how analog and digital meters work and tells you what the voltage, current and, resistance measurements mean. Then it provides fully-illustrated, step-by-step instruction on using your meter in practical applications in the home, workshop, automotive and other settings. An excellent learning tool and reference for the hobbyist and ham.

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The Worldwide Listening Guide

By John Figliozzi. Modeled on his popular *Worldwide Shortwave Listening Guide*, this new 6th edition explains radio listening in all today's formats – "live," on-demand, WiFi, podcast, terrestrial, satellite, internet, digital and, of course, analog, AM, FM and SW. Book includes a comprehensive programming guide to what can be heard how, when and where. Spiral-bound to open in a flat, easy-to-use format.

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Propagation and Radio Science

By Eric P. Nichols, K1ZAU. Explore the magic of wireless communications and learn how propagation of radio waves affects our radio signals as they travel from transmitter to receiver. Understanding how electromagnetic waves interact with their environment is an important factor in successful radio communications. Eric uses his lively engaging approach to present the complex subject of radio propagation in simple, easy-to-understand terms.

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by Gene McWhorter & Avis Evans is for anyone who wants to understand the fundamentals of electronics. Explains electronic devices and circuits – how they work and are used. Contains detailed illustrations that support easy-to-read text. Practical, worked-out examples demonstrate circuit applications.

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Basic Communications Electronics

by Jack Hudson, W9MU, & Jerry Luecke, KB5TZY. Explains analog electronic devices and circuits – how they work and how they are used to build communications systems. Emphasis on semiconductor devices and integrated circuits (ICs). For anyone who wants to understand analog electronics and wireless communications.

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Basic Digital Electronics

by Avis Evans. Explains digital system functions and how circuits are used to build them. Discusses the functions required to design digital systems, the circuits used to make decisions, code conversions, data selections, interfacing and storage, and the circuits that keep all operations in time and under control.

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