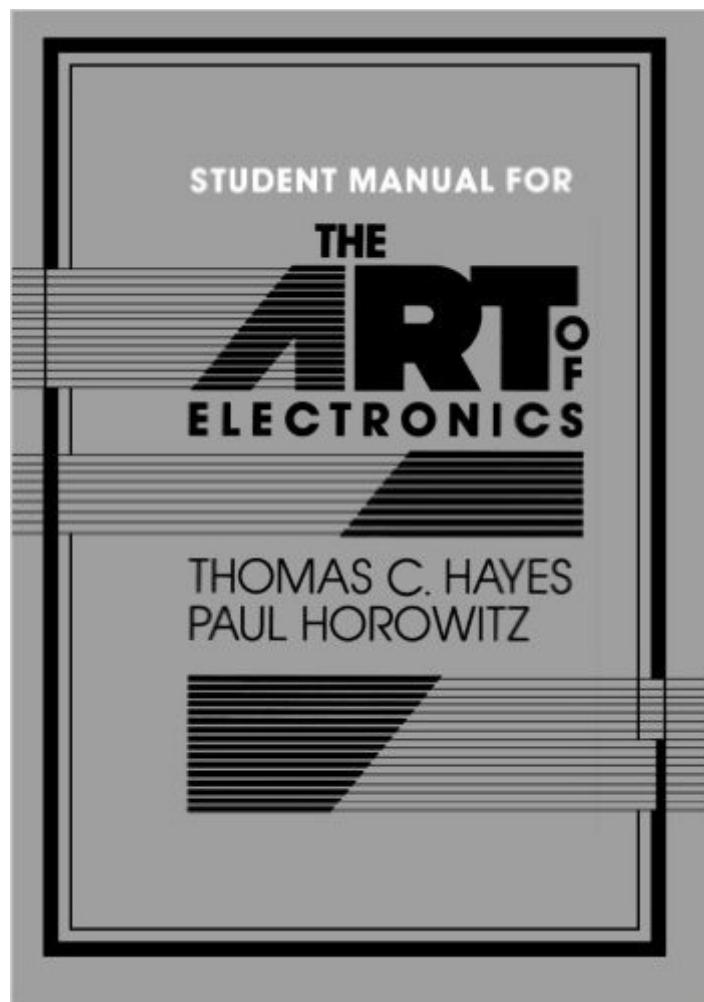


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The Art Of Electronics Student Manual



Synopsis

This manual is both a guide and aid to users of The Art of Electronics. It is carefully organized to follow the chapters of the main text, providing extra explanatory notes, worked examples, solutions to selected exercises and laboratory exercises. Learning aids such as glossaries, reading assignments, objectives, data sheets and summaries are also included. The manual is a product of many years' teaching at Harvard University, which has given the authors direct knowledge of concepts that students find difficult. The extra explanatory detail makes this manual an essential purchase for students using The Art of Electronics.

Book Information

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Customer Reviews

Helpful book for those that might be struggling with some of the content found inside AoE, e.g., beginners, hobbyists, new students, etc. Much improved and expanded since the earlier "student manual" format. Readers will have the opportunity to learn about and build many interesting circuits (assuming they purchase the necessary parts). Like AoE it quickly jumps into conceptualizing circuits from a Thevenin perspective and soon after hops to RC circuits i.e., frequency sensitive voltage dividers, filters, etc. Which is fine for some beginners. But, beginners, hobbyists, etc., that might need a little more mathematical/conceptual hand-holding before jumping headlong into Thevenin equivalence talk, etc., might consider checking out books by Paynter, e.g., Electronics Technology Fundamentals first, Practical Electronics for Inventors second, and then circling back around to this one and AoE. The one major fail would be the significant number of typos, reference

errors, etc., liberally sprinkled throughout the book. Readers will need to check out the Errata list on the author's webpage. The book reads like one that was never read by an decent editor. It's quite challenging to see where any publisher editing was done. Readers and purchasers should be able to expect much more from academic book publishers...but alas...it looks like some of them are giving up when it comes to the MOST BASIC form of book publishing quality control i.e., actually reading the book and checking for obvious typos/errata before publishing and sending it out to the masses. Essentially, the book's content is great and will likely be helpful to many. Thumbs up and three stars to the author, he's done a great public and educational service.

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