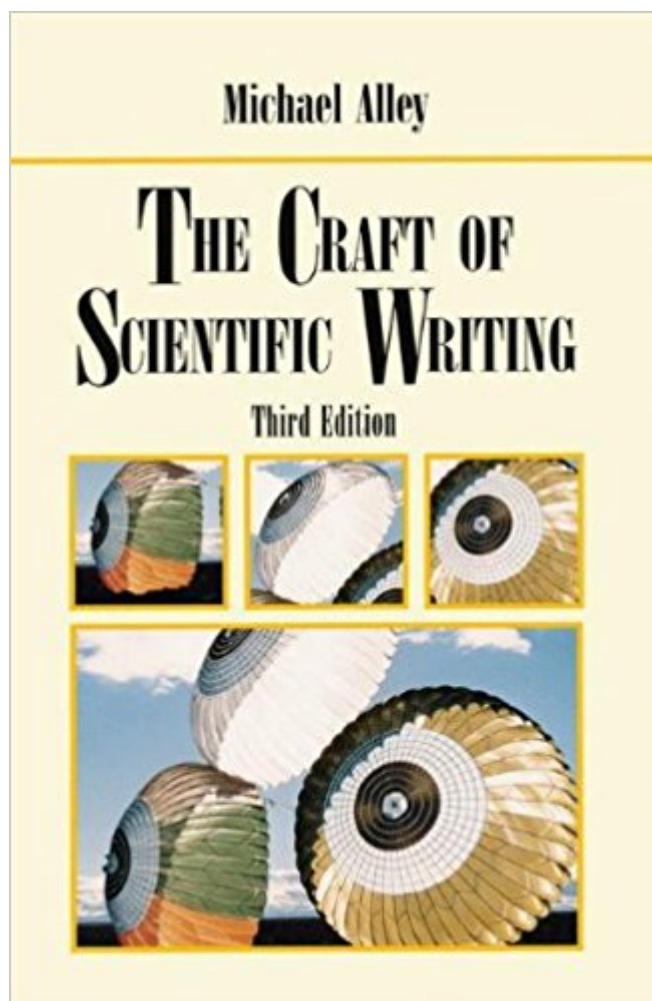


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# The Craft Of Scientific Writing, 3rd Edition



## Synopsis

Designed to help both professional and student scientists and engineers write clearly and effectively, this text approaches the subject in a fresh way. Using scores of examples from a wide variety of authors and disciplines, the author - himself a writer and physicist -- demonstrates the difference between strong and weak scientific writing, and how to convey ideas to the intended audience. In addition, he gives advice on how to start writing, and how to revise drafts, including many suggestions about approaching a wide variety of tasks - from laboratory reports to grant proposals, from internal communications to press releases - as well as a concise guide to appropriate style and usage.

## Book Information

Paperback: 282 pages

Publisher: Springer; 3rd edition (September 2, 1998)

Language: English

ISBN-10: 0387947663

ISBN-13: 978-0387947662

Product Dimensions: 6.1 x 0.7 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 27 customer reviews

Best Sellers Rank: #27,585 in Books (See Top 100 in Books) #15 in [Books > Education & Teaching > Schools & Teaching > Counseling > Career Development](#) #17 in [Books > Business & Money > Job Hunting & Careers > Vocational Guidance](#) #30 in [Books > Reference > Writing, Research & Publishing Guides > Writing > Technical](#)

## Customer Reviews

From review of the first edition "This book offers effective methods for improving writing efficiency and overcoming difficulties during the preparation of technical information." Robert L. Schmitt, Doctoral Candidate at the University of Wisconsin "A refreshing addition to a genre dominated by English teacher-style textbooks. Instead of listing rules that constrain writers, the book uses examples to lay out the path to successful communication." Especially helpful (and entertaining) is the chapter on the writing process. Anyone who has spent more time avoiding a writing task than actually doing it will appreciate Alley's tips." Dr. Ellen Ochoa, Deputy Director of Flight Crew Operations, Johnson Space Center

The Craft of Scientific Writing is designed to help scientists and engineers - both professionals already active in the disciplines as well as students preparing to enter the professions - write about their work clearly and effectively. The author, who is both a writer and an applied physicist, approaches the subject in a fresh way. Using scores of examples from a wide variety of authors and disciplines (including such well-known figures as Einstein, Bohr, and Freud), the book demonstrates the difference between strong scientific writing and weak scientific writing. In essence, this book shows you how to bring your ideas across to your intended audience. In addition, it contains advice on how to start writing and how to revise your drafts. Written for use as a text in courses on scientific writing, the book includes many useful suggestions about approaching a wide variety of writing tasks - from laboratory reports to grant proposals, from internal communications to press releases - as well as a concise guide to style and usage appropriate for scientific writing. The book will also be useful for self-study and it will be an important reference for all scientists and engineers who need to write about their work. Topics covered include deciding where to begin - structure: organizing your documents; providing depth, transitions, and emphasis - language: being precise, clear, and concise; being forthright, familiar, and fluid - illustration: making the right choices; creating the best designs - handling special situations - and actually sitting down to write: drafting, revising, finishing.

I am a professor and this book was an invaluable guide that taught me how to write when I was a Ph.D. student. I highly recommend it to others who need to learn the craft (not the art, mind you!).

This is a really great book. It's very useful for preparing to write. It doesn't so much tell you what you need to include, so it's not a manual on what to write, but does a great job explaining how to get your message across in an effective way (major pitfalls to avoid, examples on how bad writing can be improved, etc). I definitely held on to this after the class was finished and I've gone back to it while working on my thesis.

This book is full of common sense, but it does a good job reminding the reader of the important things in technical writing. The book includes many good examples of each topic it goes over. I would recommend this book to to anyone in a technical field and should repeatedly refer back to this book during the length of a scientific career.

Brief, concise and to the point, that's how I would describe this book. It has tips, examples and useful advice. However, From time to time it may be too general and personally I would like more

examples and details (other than the ones they have), but its enough to give you simple and useful rules so you can write and don't look like you're six years old!

After I started reading this book the way I listen to presentations and learn new things has improved. It teaches you how to be efficient basically. It is a great book and easy to read.

My grandson was please with it. He ordered it in hopes it would help him increase his knowledge of writing for papers that he needs to do in college.

Although somewhat dated, this text is very readable and useful for anyone involved in writing in a scientific field.

very good!

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