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# Logic And Philosophy: A Modern Introduction





## Synopsis

This text is designed for those who desire a comprehensive introduction to logic which is both rigorous and student friendly. Numerous, carefully graded exercise sets accompanied by crisp, clear exposition take the student from sentential logic through first order predicate logic with identity. The rules are carefully motivated and compared to other systems of rules for sentential and predicate logic. The text includes a solid range of additional material, including chapters devoted to Aristotelian logic, informal logic, inductive logic, and modal, epistemic, and deontic logics. Through all editions, the goal has been to make symbolic logic understandable for the typical student. Careful explanation and pedagogy make this the easiest text from which to learn symbolic logic.

### **Book Information**

Hardcover: 511 pages Publisher: Wadsworth Publishing; 9 edition (November 15, 2002) Language: English ISBN-10: 0534561721 ISBN-13: 978-0534561727 Product Dimensions: 1 x 6.5 x 9.2 inches Shipping Weight: 1.9 pounds Average Customer Review: 3.7 out of 5 stars Â See all reviews (15 customer reviews) Best Sellers Rank: #651,573 in Books (See Top 100 in Books) #314 in Books > Textbooks > Humanities > Philosophy > Logic #652 in Books > Politics & Social Sciences > Philosophy > Logic & Language #18239 in Books > Textbooks > Education

#### **Customer Reviews**

This was the text book used in a logic class I took. The book covers truth functions, truth tables, conditional proofs, indirect proofs, predicate logic, truth trees, syllogistic logic, inductive logic, axiomatic systems and a few other lesser used logical systems. Each section is explained clearly and with great attention to detail. As it is a text-book, every chapter ends with several problems for the reader to solve. There are lots and lots of examples that help to hammer the concept home if the reader has become stuck on some of the more difficult passages. This book is a great teacher and is an excellent resource for anyone who is interested in logic.Note: The book has a URL where one can find information about errors, corrections and updates. The first error listed on the web-page is a typographical error in the URL that's written in the book. If I did not know better, I'd swear that the authors were trying to demonstrate circular logic.

This is the third textbook I've read since taking Logic and Critical Thinking in college more than ten years ago. All three of the textbooks I've owned have been very powerful tools in teaching what forms the basis for mathematical and scientific proofs. However, this one by far is the most accessible. Because logic is a mathematical field, abstract mathematical principles can be difficult to grasp. Furthermore, texbooks in general are rarely entertaining. Kahane and Tidman have done an incredible job not putting the readers to sleep. At no point is doing a chapter penance for being interested in logic.

This review refers to the seventh edition of this book; I suspect that the later editions advertised by .com are even better.This is a clear, comprehensive, well-organised and friendly introduction to logic. Part one of the book is on sentential logic, part two is on predicate logic, and part three is on traditional logic, inductive logic and modal, epistemic and deontic logic, among other topics. The book thus focuses on sentential and predicate logic, and the sections on modal, epistemic and deontic logic introduce these fields very briefly. The parts on sentential and predicate logic cover symbolisation, truth tables, truth trees and derivations. The material is explained clearly, there are walk-though examples, glossaries, and exercises, with answers to even numbered exercises available at the back of the book. The title of the book suggests that it is an introduction to both logic and philosophy. Of course, logical competence is crucial to the pursuit of analytic philosophy, and there are also sections on the problem of induction and philosophical problems with symbolic logic, but there are few other philosophical topics discussed. One must look elsewhere for an introduction to other philosophical problems, where one can begin to apply the logical techniques imparted by this book.Popular introductions to logic with similar coverage to this book include Gensler's "Introduction to Logic" and Copi's "Introduction to Logic". I recommend either of these books or this book as an introduction to logic.

I'm using this edition for an Advanced Logic seminar. Compared to other texts on the same topic, the text here is poorly written. What merits the book 1 star however, is that it is riddled with errors. There are spelling errors as early as the inside cover (which is at least annoying) and there are major mistakes in the text (which make the book worthless). For example, "tautology" and "theorem" are confused on page 144 where the authors are trying to explain the distinction between the two! With such blatant errors I don't feel that I can trust anything in the book to be correct and will have to consult other texts.

This was easily one of my favorite books in college. It isn't your traditional textbooks that simply give you information and asks you to build on it; this textbook gives practical information. The logic can be applied to debates, arguments, proving, and disproving and information, making you a master of language and syntax. If there are any books that I would ever recommend reading, whether for enjoyment or for more practical reason, this would definite be it.

Saved me \$200! Much better condition than I thought it would be in for a "fair" listing. Thanks!

Love this kindle book and gonna get A in my class:D

This book covers many different aspects on logics, from basic to advanced levels. It has many exercises and examples which make it easy to understand the different concepts presented. I'd suggest it for both teachers and students.

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