INTRODUCTION TO LOGIC AND CRITICAL THINKING. (PRODUCT ID 23961700). This is a new release of the original 1952 edition.

Logic and Life A self-paced introduction to Logic and Critical Thinking, designed for college-level instruction and self-study.

An Introduction to Critical Thinking This robust, clear, and well-researched textbook for classes in logic introduces students to both formal logic and to the virtues of intellectual inquiry. Part 1 challenges students to develop the analytical skills of deductive and inductive reasoning, showing them how to identify and evaluate arguments. Part 2 helps students develop the intellectual virtues of the wise inquirer. The book includes helpful pedagogical features such as practice exercises and a concluding summary with definitions of key concepts for each chapter. Resources for professors and students are available through Baker Academic's Textbook eSources.

The Art of Reasoning Designed for students with no prior training in logic, INTRODUCTION TO LOGIC AND CRITICAL THINKING offers an accessible treatment of logic that enhances understanding of reasoning in everyday life. The text begins with an introduction to arguments. After some linguistic preliminaries, the text presents a detailed analysis of inductive reasoning and associated fallacies. This order of presentation helps to motivate the use of formal methods in the subsequent sections on deductive logic and fallacies. Lively and straightforward prose assists students in gaining facility with the sometimes challenging concepts of logic. By combining a sensitive treatment of ordinary language arguments with a simple but rigorous exposition of basic principles of logic, the text develops students' understanding of the relationships between logic and language, and strengthens their skills in critical thinking. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Critical Thinking A valuable guide on creativity and critical thinking to improve reasoning and decision-making skills Critical thinking skills are essential in virtually any field of study or practice where individuals need to communicate ideas, make decisions, and analyze and solve problems. An Introduction to Critical Thinking and Creativity: Think More, Think Better outlines the necessary tools for readers to become critical as well as creative thinkers. By gaining a practical and solid foundation in the basic principles that underlie critical thinking and creativity, readers will become equipped to think in a more systematic, logical, and imaginative manner. Creativity is needed to generate new ideas to solve problems, and critical thinking evaluates and improves an idea. These concepts are uniquely introduced as a unified whole due to their dependence on each other. Each chapter introduces relevant theories in conjunction with real-life examples and findings from cognitive science and psychology to illustrate how the theories can be applied in numerous fields and careers. An emphasis on how theoretical principles of reasoning can be practical and useful in everyday life is featured, and special sections on presentation techniques, the analysis of meaning, decision-making, and reasoning about personal and moral values are also highlighted. All chapters conclude with a set of exercises, and detailed solutions are provided at the end of the book. A companion website features online tutorials that further explore topics including meaning analysis, argument analysis, logic, statistics, and strategic thinking, along with additional exercises and multimedia resources for continued study. An Introduction to Critical Thinking and Creativity is an excellent book for courses on critical thinking and logic at the undergraduate and graduate levels.

The book also serves as a self-contained study guide for readers interested in the topics of critical thinking and creativity as a unified whole.

A Formal Introduction to Critical Thinking 3e

An Introduction to Critical Thinking and Creativity Does not include all chapters from the main book—publisher's comments.

Logic and Life

Critical Thinking

Introduction to Logic and Critical Thinking

Critical Thinking Logic Works is a critical and extensive introduction to logic. It asks questions about why systems of logic are as they are, how they relate to ordinary language and ordinary reasoning, and what alternatives there might be to classical logical doctrines. The book covers classical first-order logic and alternatives, including intuitionistic, free, and many-valued logic. It also considers how logical analysis can be applied to carefully represent the reasoning employed in academic and scientific work, better understand that reasoning, and identify its hidden premises. Aiming to be as much a reference work and handbook for further, independent study as a course text, it covers more material than is typically covered in an introductory course. It also covers this material at greater length and more depth with the purpose of making it accessible to those with no prior training in logic or formal systems. Online support material includes a detailed student solutions manual with a running commentary on all starred exercises, and a set of editable slides for instructors to customize their courses. Key Features Introduces an unusually broad range of topics, allowing instructors to craft courses to meet a range of various objectives. Accepts a critical attitude to certain classical doctrines, exposing students to alternative ways to answer philosophical questions about logic Carefully considers the ways natural language both resists and lends itself to formalization Makes objective semantics for quantified logic easy, with an incremental, rule-governed approach assisted by numerous simple exercises Makes important metatheoretical results accessible to introductory students through a discursive presentation of those results and by using simple case studies

Inference and Persuasion

Introduction to Logic and Critical Thinking The 14th Edition of Introduction to Logic, written by Copi, Cohen & McMahon, is dedicated to the many thousands of students and their teachers - at hundreds of universities in the United States and around the world - who have used its fundamental methods and techniques of correct reasoning in their everyday lives. To those who have never previously used or reviewed Introduction to Logic we extend the very warmest welcome. Please join us and our international family of users! Let us help you teach the students the methods and principles needed in order to distinguish correct from incorrect reasoning. For, Introduction to Logic is a proven textbook that has been honed through the collaborative efforts of many scholars over the last five decades. Its
Logic and Critical Thinking: An Introduction for Muslim Students

Logic: Designed for students with no prior training in logic, INTRODUCTION TO LOGIC AND CRITICAL THINKING offers an accessible treatment of logic that enhances understanding of reasoning in everyday life. The text begins with an introduction to arguments. After some linguistic preliminaries, the text presents a detailed analysis of inductive reasoning and associated fallacies. This order of presentation helps to motivate the use of formal methods in the following sections on deductive logic and fallacies that mimic deductive arguments. Lively and straightforward prose assists students in gaining facility with the sometimes challenging concepts of logic. By combining a sensitive treatment of ordinary language arguments with a simple but rigorous exposition of basic principles of logic, the text develops students' understanding of the relationships between logic and language, and strengthens their skills in logic and critical thinking. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Practical Logic

Critical Thinking: An Introduction to Logic and Scientific Method. Second Edition. (Third Printing.). Intended to help readers become better informed about logic, this guide considers the relationships between reason, thought, and the external world. Hoping to recruit more independent thinkers, the authors discuss how logic and belief relate to one another and offer a non-traditional perspective on traditional fallacies. With a consideration of famous and lesser-known logical systems, including those of Aristotle, Hegel, and John Dewey—as well as modern logic based on mathematics—this discussion illustrates how the ways that people reason about the world presuppose much about that world.

The Elements of Arguments: An Introduction to Critical Thinking and Logic This textbook on introductory logic and critical thinking includes the traditional areas of informal logic and critical thinking such as informal fallacies, the nature of language, scientific method with a detailed discussion of pseudoscience as well as a chapter on the syllogism. There are chapters on the nature of rationality and how to overcome obstacles to rationality. These chapters apply the findings of psychology, sociology and other disciplines to the problem of developing greater rationality. The chapter on knowledge gives a brief overview of the main schools and problems of epistemology. There are also chapters on the logic of decision making, communication and moral reasoning. This should prove to be useful for the development of critical thinking in these often neglected areas in logic courses. The chapter on moral reasoning has an in depth discussion of common fallacies in discussions about ethical issues. Each chapter has a section called "MYSTERIES AND CONTROVERSIES." In these sections contemporary debates and controversies are briefly summarized for purposes of classroom discussion or as subjects for term papers. Topics such as the Lock Ness monster, global warming, the stigmata, ESP, the Shroud of Turin, UFOs, Fire Walking, crop circles, the internet cannibal, Nazca lines, the ethics of sex research and similar controversies are analyzed. These controversial topics can be opportunities for a discussion of scientific method and its relation to religion and the unknown as well as applying logical tools to everyday issues. Each chapter has helpful pedagogical tools including a chapter summary, dilemmas for debate, questions for review, suggested readings and names of relevant films.

Logic Works

The New Critical Thinking Students learn logic by practicing it—by working through problems, analyzing existing arguments, and constructing their own arguments in plain language and symbolic notation. The Art of Reasoning not only introduces the principles of critical thinking and logic in a clear, accessible, and logical manner—thus practicing what it preaches—but it also provides ample opportunity for students to hone their skills and master course content.

Introduction to Logic and Critical Thinking

The Art of Reasoning

Introduction to Logic and Critical Thinking

An Introduction to Critical Thinking A demanding introduction to logic and critical thinking, this book offers more traditional means of teaching the art of reasoning at a time when the field has become almost mathematical. Francis Dauer has rethought the framework for teaching reasoning in general and formal logic in particular, the desired epistemological context, and the role of the fallacies. The result is a coherent and very readable work, informed by Dauer's extensive experience teaching and writing on the subject.

Gilles Deleuze's Logic of Sense

Introducing Logic and Critical Thinking

Critical Thinking 'You shouldn't drink too much. The Earth is round. Milk is good for your bones.' Are any of these claims true? How can you tell? Can you ever be certain you are right? For anyone tackling philosophical logic and critical thinking for the first time, Critical Thinking: An Introduction to Reasoning Well provides a practical guide to the skills required to think critically. From the basics of good reasoning to the difference between claims, evidence and arguments, Robert Aep and Jamie Carlin Watson cover the topics found in an introductory course. Now revised and fully updated, this Second Edition features a glossary, chapter summaries, more student-friendly exercises, study questions, diagrams, and suggestions for further reading. Topics include: the structure, formation, analysis and recognition of arguments deductive validity and soundness inductive strength and cogency inference to the best explanation truth tables tools for argument assessment informal and formal fallacies With real life examples, advice on graduate school entrance exams and an expanded companion website packed with additional exercises, an answer key and help with real life examples, this easy-to-follow introduction is a complete beginner's tool set to good reasoning, analyzing and arguing. Ideal for students in basic reasoning courses and students preparing for graduate school.

Solutions Manual to Accompany Introduction to Logic and Critical Thinking Students learn logic by practicing it by working through problems, analyzing existing arguments, and constructing their own arguments in plain language and symbolic notation. The Art of Reasoning not only introduces the principles of critical thinking and logic in a clear, accessible, and logical manner thus practicing what it preaches but it also provides ample opportunity for students to hone their skills and master course content.

INTRODUCTION TO LOGIC AND CRITICAL THINKING

Introduction to Logic: Introduction; CH:2 Perceptions of Logic; CH:3 History of Logic; CH:4 Types of Logic; CH:5 Critical Thinking and Informal Logic; CH:6 Theories of Deduction; Bibliography; Index "This is an introductory textbook in logic and critical thinking. The goal of the textbook is to provide the reader with a set of tools and skills that will enable them to identify and evaluate arguments. The book is intended for an introductory course that covers both formal and informal logic. As such, it is not a formal logic textbook, but is closer to what one would find marketed as a "critical thinking textbook"--BC Campus website.
Critical Thinking This is the first critical study of The Logic of Sense, Gilles Deleuze's most important work on language and ethics, as well as the main source of his vital philosophy of the event. James Williams explains the originality of Deleuze's work with careful definitions of all his innovative terms and a detailed description of the complex structure he constructs. This reading makes connections to his ground-breaking work on literature, to his critical but also progressive relation to the sciences, and to his controversial denial of the priority of standard logics, human values and 'meaning' in thinking. This book will open new debates and develop current ones around Deleuze's work in philosophy, politics, literature, linguistics, cultural studies and sociology.

I. M. Introduction to Logic and Critical Thinking

Art of Reasoning: An Introduction to Logic and Critical Thinking

Critical Thinking The Logic of Style Students learn logic by practicing it—by working through problems, analyzing existing arguments, and constructing their own arguments in plain language and symbolic notation. The Art of Reasoning not only introduces the principles of critical thinking and logic in a clear, accessible, and logical manner—thus practicing what it teaches—but it also provides ample opportunity for students to hone their skills and master course content.

Introduction to Logic and Critical Thinking

Introduction to Logic: The Elements of Arguments introduces such central critical thinking topics as informal fallacies, the difference between validity and truth, basic formal propositional logic, and how to extract arguments from texts. Turetzky aims to prevent common confusions by clearly explaining a number of important distinctions, including propositions vs. propositional attitudes, propositions vs. states of affairs, and logic vs. rhetoric vs. psychology. Exercises are provided throughout, including numerous informal arguments that can be assessed using the skills and strategies presented within the text.

Critical Thinking An Introduction to Critical Thinking; A Beginner's Text in Logic, by W.H. Werkmeister

Introduction to Logic and Critical Thinking Why is it so hard to learn critical thinking skills? Traditional textbooks focus almost exclusively on logic and fallacious reasoning, ignoring two crucial problems. As psychologists have demonstrated recently, many of our mistakes are not caused by formal reasoning gone awry, but by our bypassing it completely. We instead favor more comfortable, but often unreliable, intuitive methods. Second, the evaluation of premises is of fundamental importance, especially in this era of fake news and politicized science. This highly innovative text is psychologically informed, both in its diagnosis of inferential errors, and in teaching students how to watch out for and work around their natural intellectual blind spots. It also incorporates insights from epistemology and philosophy of science that are indispensable for learning how to evaluate premises. The result is a hands-on primer for real world critical thinking. The authors bring over four combined decades of classroom experience and a fresh approach to the traditional challenges of a critical thinking course: effectively explaining the nature of validity, assessing deductive arguments, reconstructing, identifying and diagramming arguments, and causal and probabilistic inference. Additionally, they discuss in detail, important, frequently neglected topics, including testimony, the nature and credibility of science, rhetoric, and dialectical argumentation.

Key Features and Benefits: Uses contemporary psychological explanations of, and remedies for, pervasive errors in belief formation. There is no other critical thinking text that generally applies this psychological approach. Assesses premises, notably premises based on the testimony of others, and evaluation of news and other information sources. No other critical thinking textbook gives detailed treatment of this crucial topic. Typically, they only provide a few remarks about when to accept expert opinion / argument from authority. Carefully explains the concept of validity, paying particular attention in distinguishing logical possibility from other species of possibility, and demonstrates how we may mistakenly judge invalid arguments as valid because of belief bias. Instead of assessing an argument's validity using formal/mathematical methods (i.e., truth tables for propositional logic and Venn diagrams for categorical logic), provides one technique that is generally applicable: explicitly showing that it is impossible to make the conclusion false and the premises true together. For instructors who like the more formal approach, the text also includes standard treatments using truth tables and Venn diagrams. Uses frequency trees and the frequency approach to probability more generally, a simple method for understanding and evaluating quite complex probabilistic information. Uses arguments maps, which have been shown to significantly improve students' reasoning and argument evaluation.