Table of Contents for Critical Thinking Book One

Critical Thinking Books & Software

Chapter 1—Introduction to Critical Thinking

- What <u>is</u> Critical Thinking?
- Who Can Learn to Think Critically?
- What Are You Expected to Learn in This Chapter?
- Discussions, Disagreements, Arguments, and Fights
- When Is it Stupid to Argue?
- General Statements
- Counterexamples
- "Proof" by Failure to Find a Counterexample
- Is Your Thinking Stuck in a Rut?
- Chapter Review Problems and Questions

Chapter 2—Introduction to Logic

- Symbols Used in This Chapter
- "Or" Sentences and Their Truth Values
- "And" Sentences and Their Truth Values
- Double Negatives and Multiple "~" Signs
- Necessary and Sufficient Conditions
- "If-Then" Sentences
- Truth Values of "If-Then" Sentences
- Proposition, Converse, Inverse, Contrapositive
- Substitution of Converse or Inverse for its Proposition
- "Only If" Sentences and Their Truth Values
- Arguments, Premises, and Conclusions
- Chapter Review Problems and Questions

Chapter 3—Basic Concepts for Critical Thinking

- What's the Difference Between "Probable" and "Possible"?
- Allegories, Old Sayings, and Literary References
- People May Have Different Feelings About the Same Word
- A Changed Definition May Produce a Changed Conclusion
- Don't Jump to a Conclusion—the Obvious One May be Wrong
- Eyewitnesses and Circumstantial Evidence
- Implications and Inferences
- Chapter Review Problems and Questions

Chapter 4—Common Errors in Reasoning

- Circular Reasoning
- "Proof" by Selected Instances
- Avoiding the Question
- Special Pleading
- Faking a Connection
- Chapter Review Problems and Questions

Chapter 5—Propaganda Techniques

- Introduction
- "Bandwagon"
- Repetition
- "Transfer"
- "Testimonial"
- "Exigency"
- "Free" and "Bargain"
- "Glittering Generality"
- Innuendo
- "Name-Calling"
- Miscellaneous Techniques
- Chapter Review Problems and Questions

Chapter 6—Advertising and Schemes

- Introduction
- "Get Rich Quick" Schemes
- What's in a Name?
- Advertising Sells Ideas
- Career Opportunities
- Stupid Advertisements
- Miscellaneous Schemes
- Asking Questions About Advertisements
- Chapter Review Problems and Questions

Chapter 7-Examining Arguments and Value Judgments

- Rules of a Society
- Protection of the Law
- Emotional Words and Arguments
- Double Standards
- Where Do You Draw the Line?
- Attributes of a Good Argument
- Chapter Review Problems and Questions

Chapter 8—Looking at Different Sides of an Issue

- Introduction
- Looking at Two Sides of an Issue
- Recognizing Issues and Supporting Points
- Anticipating Arguments for the Other Side
- Finding Arguments of Your Own
- Debating
- Chapter Review Problems and Questions

Glossary

Index