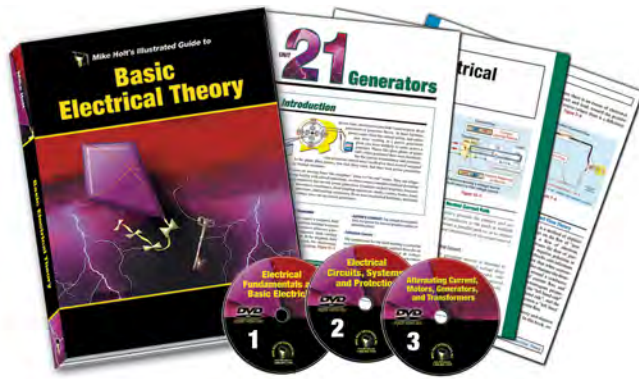


BASIC ELECTRICAL THEORY



EASY TO UNDERSTAND!

STANDARD ELECTRICAL THEORY LIBRARY

The Standard Electrical Theory Library includes a textbook and three DVDs:

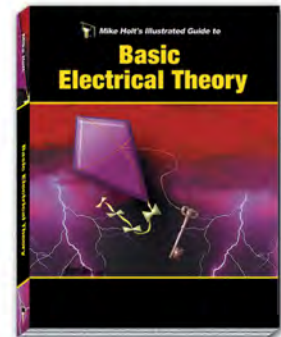
- **Basic Electrical Theory textbook/workbook**
- *Electrical Fundamentals and Basic Electricity DVD*
- *Electrical Circuits, Systems, and Protection DVD*
- *Alternating Current, Motors, Generators, and Transformers DVD*

Library w/DVDs **\$295** [ETLIBD]

Purchased separately, this library would cost \$377!



Understanding electrical theory is critical for anyone who works with electricity. The subjects in this textbook will help you understand what electricity is, how it's produced and how it's used. You'll learn everything from a brief study of matter to how to perform basic electrical calculations critical for everyday use. A breakdown of circuits will help you understand complicated circuits for controls, fire alarms, security and much more. In addition, the basics for understanding motors and transformers are clearly explained.



BASIC ELECTRICAL THEORY

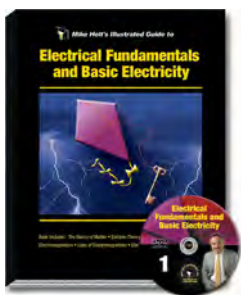
This full-color textbook provides hundreds of illustrated graphics, detailed examples, practice questions, practice exams, summaries and a comprehensive practice final exam.

Pages: 378

Graphics: 267

Practice Questions: 701

Textbook/Workbook **\$50** [ETFC2]



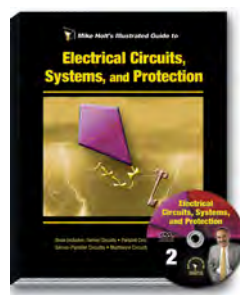
ELECTRICAL FUNDAMENTALS AND BASIC ELECTRICITY

In this volume you'll learn the basics involving matter, electron theory, magnetism, electricity, electromagnetism, uses of electromagnetism, the electrical circuit, math, and electrical formulas. You'll also learn about the most important materials used in the practical application of electricity. This book was extracted from the *Basic Electrical Theory* textbook and has a corresponding DVD.

Textbook **\$20** [ETT1]

Textbook w/DVD **\$109** [ETD1]

Online Course **\$89** [ETOL1]



ELECTRICAL CIRCUITS, SYSTEMS, AND PROTECTION

This volume covers series circuits, parallel circuits, series-parallel circuits, multiwire circuits, the electrical system, and protection devices. You'll learn how a fuse differs from a circuit breaker, how to select a circuit breaker, and what makes it work; and the role of circuit overcurrent protection in clearing ground faults and some critical facts about grounding. This book was extracted from the *Basic Electrical Theory* textbook and has a corresponding DVD.

Textbook **\$20** [ETT2]

Textbook w/DVD **\$109** [ETD2]

Online Course **\$89** [ETOL2]



ALTERNATING CURRENT, MOTORS, GENERATORS, AND TRANSFORMERS

This volume covers alternating current, capacitance, induction, power factor and efficiency, motors, generators, and transformers. You'll learn where alternating current comes from and why it's used; motor basics, motor calculations, motor circuits, and motor controls; apparent power, true power, power factor, unity power and transformers. This book was extracted from the *Basic Electrical Theory* textbook and has a corresponding DVD.

Textbook **\$20** [ETT3]

Textbook w/DVD **\$109** [ETD3]

Online Course **\$89** [ETOL3]