

# Mike Holt's ELECTRICAL TRAINING

Textbooks, Workbooks, DVDs, MP3s, Online Training, and Continuing Education

**2005 and 2008 Products**

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**1.888.NEC.CODE**  
**www.MikeHolt.com**

# About Mike Holt and Mike Holt Enterprises...

**About Mike Holt.** Mike Holt worked his way up through the electrical trade from apprentice electrician to master electrician and electrical inspector. Mike did not complete high school due to circumstances beyond his control. Realizing that success depends on one's education, he immediately attained his GED, and ten years later he attended the University of Miami's Graduate School for a Master's degree in Business Administration (MBA). Today, Mike continues to stay current in all aspects of his education. Because of his educational experiences, he understands the needs of his students, and strongly encourages and motivates them to continue their own education.



**Educator.** Mike is nationally recognized as one of America's most knowledgeable electrical trainers. He has touched the lives of thousands of electricians, inspectors, contractors and engineers. His dynamic and animated teaching style is relaxed, direct and fun. Perhaps Mike's best quality is his ability to motivate his students to become successful.

**Code Expert.** Mike has devoted his career to studying and understanding the National Electrical Code®, the foundation of the electrical industry. Years of researching the NEC and understanding its background has not only made Mike an expert, but has earned him the respect of his peers. His insight has been helpful in litigation problems where the exact meaning of the Code is essential.

**Trainer and Industry Expert.** Companies across the United States have utilized Mike's services for in-house training and expert advice. His unsurpassed speaking ability has benefited companies such as AT&T, IBM, and Boeing; associations such as NECA, IAEI, IBEW, and ICBO; and governmental agencies such as the U.S. Navy, Grand Coulee Dam, the Department of Energy, and the Department of Defense.

**Author.** Mike Holt is a well-respected author and publisher of books and DVD training programs. He has mastered the art of explaining the complicated in a simple but direct style. His ability to simplify technical concepts makes him one of America's most sought after speakers and writers in the electrical trade. His extensive use of illustrations in all of his training programs makes learning fun and is the ideal answer to every study need.



**The Man.** Mike resides in Central Florida, is the father of seven children, and has many outside interests and activities beside electricity. Mike is a six time National Barefoot Water Ski Champion ... 1988, 1999, 2005, 2006, 2007 and 2008. Mike is currently training to ski the 2009 World Championships in New Zealand. Besides winning national championships, Mike has set many national records and he currently holds the national record in his age division in tricks. To find out more

about this challenging sport visit [www.BarefootCentral.com](http://www.BarefootCentral.com). Most of all, Mike enjoys spending time with his family. His commitment to God has helped him develop a lifestyle that balances God, family, career, and self.

**Mike Holt Enterprises.** In our own pursuit of excellence, Mike Holt and the entire staff are striving to make this industry a safer place. By educating and providing high-quality training tools in a way that is easy to understand, we will achieve this goal. We would like to thank you, our devoted friends and customers, for helping to make this all possible.

\*...AS FOR ME AND MY HOUSE WE WILL SERVE THE LORD\* [JOSHUA 24:15]

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# What You Get with Mike Holt Products

**Textbooks and Workbooks-** All of Mike's books are full-color and well-organized. His direct writing style and clear, crisp illustrations help make difficult concepts easy to understand.

**Author's Comments**

**Detailed Graphics**

**Answer Keys**

**Analysis**

**Practice Questions**

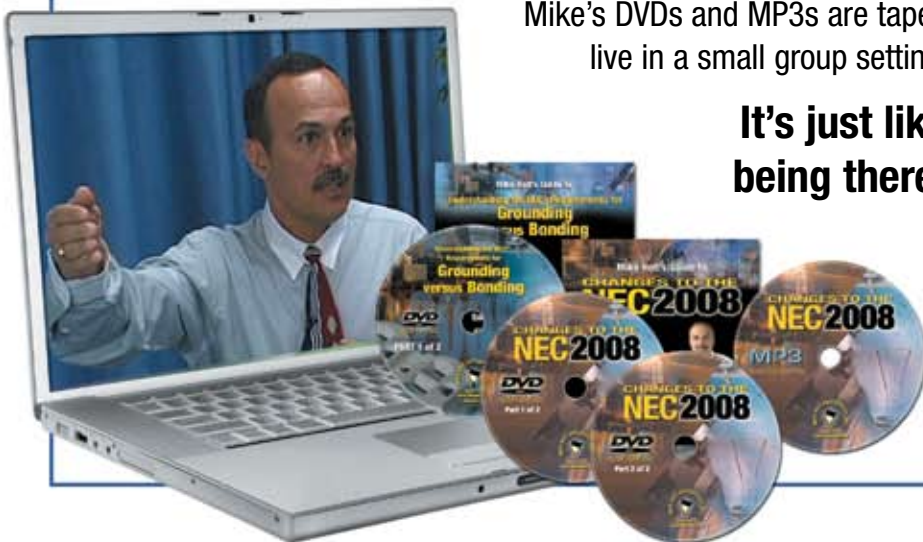
## Dynamic DVD and MP3 Presentations!

Mike's DVDs and MP3s are taped live in a small group setting.

**It's just like being there!**

## The Finest Electrical Training Products Available

To maintain total control over the quality and integrity of his publications, Mike is the publisher as well as the author. He has spared no expense in producing the finest electrical training products available. His commitment to quality and tireless attention to detail is evident in each and every publication.



# TOP GUN INSTRUCTORS CONFERENCE

## Train with Mike Add excitement to your classroom



Last Year's attendees  
can attend for  
**1/2 Price!**



**If you want to become a Top Gun instructor,  
now is the time to attend!**

Do you want to become a Top Gun instructor like Mike Holt? Would you like to get some one-on-one time with Mike to help you take your training program to the next level? Then attend Mike's Top Gun Instructor Conference in Ft. Lauderdale or Orlando, Florida.

Spend a few days learning cutting-edge techniques of instructional design, evaluation, and dynamic delivery methods. Master the principles of adult learning and performance-based training; learn how to use new teaching tools and products; employ PowerPoint presentations; and most of all, find out how "Mike does it."

This conference has been set up to precede our two-day Continuing Education Seminars which are held twice a year. This not only gives instructors the opportunity to learn how to teach more effectively, but they can also extend their stay and attend Mike Holt's *Success* and *NEC update* Seminar. It's the total experience and a chance to really see Mike in action! To receive in-depth personal training with Mike Holt, contact Sarina today!

\$350 [2 Days] **Instructor Conference**

\$450 [4 Days] **Instructor Conference & Success/NEC Seminar**



**Call Sarina  
To Register**

**Make your reservations today to join us in  
Ft Lauderdale or Orlando for this year's Instructor Conference**



NAME _____		COMPANY _____		TITLE _____
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CREDIT CARD # : _____		EXP. DATE: _____		
3 or 4 digit security number on front for AmEx on back for all others _____				

### Instructor Conference, Business & NEC Seminar

- Ft. Lauderdale 2-Day Instructor Conference \$350
  - Ft. Lauderdale 4-Day Instructor, Business/NEC \$450
  - Orlando 2-Day Instructor Conference \$350
  - Orlando 4-Day Instructor, Business/NEC \$450
- TOTAL \$ \_\_\_\_\_

For multiple registrations, make a copy of this page, complete the order form and fax in a copy for each individual registrant.

Any cancellations received less than 15 days prior to the seminar will not be refunded. All dates, prices, and availability are tentative and subject to change.

**Mike Holt Enterprises, Inc. • FAX 1.352.319.6875**

# MIKE HOLT'S INSTRUCTOR RESOURCES

## Free Instructor Training Materials



Textbooks, Instructor Guides, PowerPoints, DVDs, Raceway Posters, and Ohm's Law Wheel Stickers are available FREE to qualified instructors! We also provide support for your school with free marketing items for your program and Mike Holt's Online Testing Tool for your students!

### PowerPoint Presentations



Ask about discounts on quantity purchases and how you may be eligible to receive Classroom Presentations and Mike Holt's Online Testing Service for your students for FREE!

### Find a School Database



If you're using Mike Holt's materials and would like to be listed on our national Find a School database, simply go to our Website to apply.

### Mike Holt's Online Testing Service Saves teachers time!



Visit us online at **www.MikeHolt.com**  
Click on the Instructor tab!

**If you are an electrical instructor at an apprenticeship training facility such as NJATC, IEC, ABCI, or an approved certified CEU provider, contact our Educational Director, Sarina Snow at 866-632-2633, to find out if you qualify to receive FREE material.**

**Important note: This is a one-time offer to introduce our materials to your program or organization. If you have already received one of our free packages you do not qualify for this promotion. However, if you would like to review a desk copy of a new title please call our office.**

Contact Sarina@MikeHolt.com • 1.866.NEC.CODE (632-2633)

# FLORIDA STATE CERTIFIED CONTRACTORS

*Are you interested in passing the Florida State Exam?*

***You Can Pass the First Time!***

We know what it takes to help you pass your exam the very first time. Our method works because our program not only teaches you the technical and business material of the exam, but it also gives you the mental preparation you will need.

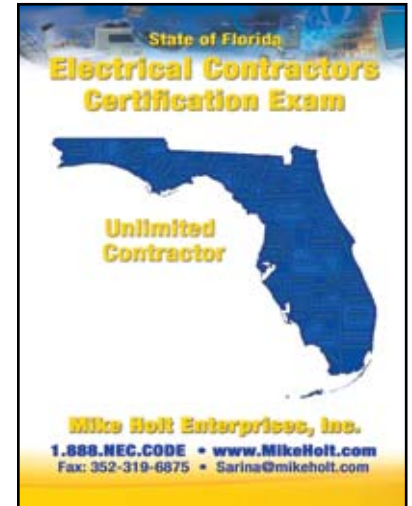
*Call today to ask about our study packages that include:*

Live Seminars, DVDs, Textbooks and Workbooks

We can customize the perfect program for your study needs.

We are currently offering State classes for the following areas:

- Alarm I
- Alarm II
- Lighting
- Limited Energy
- Residential
- Sign
- Florida Certified Unlimited
- Utility Line



Our program has been helping electricians pass the state exam for over 25 years. Our customized programs, personalized service and outstanding instructors set the standard in effective exam preparation. Why should you choose Mike Holt Enterprises? Our customers say it best:



"To The Holt Team,

I want to express my thanks to all of you at Holt Enterprises for a job well done. I received my notification from the State of Florida Unlimited Electrical that I passed !!!! A special thanks to John for all his hard work. As for my score? As John said 99%....."

Ted Cook

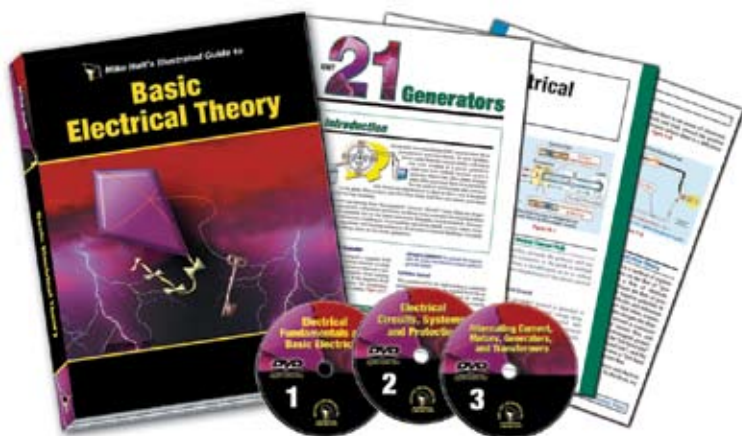


"John is one of the best instructors I have ever encountered and I have been to a lot of courses over my 22 years of electrical training. He is wonderfully entertaining as well as extremely knowledgeable in all aspects of the course not to mention he and George have a good relationship with each other that only added to the experience. In the category of money well spent, John and the course far exceeded my expectations. Thank You for all you have done for me Sarina. You can bet I will use Mike Holt for all my company's future needs in the education department as well as personal."

Joe Verrechio , Electric Solutions of NE FL

***Call today for more information or  
visit the Florida Exams link at [www.MikeHolt.com](http://www.MikeHolt.com)***

# BASIC ELECTRICAL THEORY



**EASY TO UNDERSTAND!**

## STANDARD ELECTRICAL THEORY LIBRARY

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

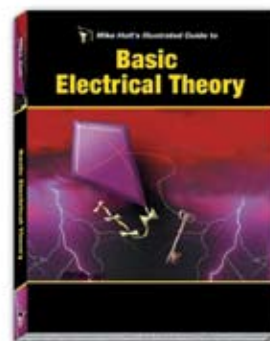
- **Basic Electrical Theory** textbook/workbook
- *Electrical Fundamentals and Basic Electricity* DVD
- *Electrical Circuits, Systems, and Protection* DVD
- *Alternating Current, Motors, Generators, and Transformers* DVD

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.

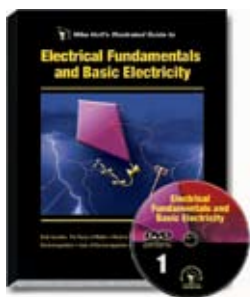


## BASIC ELECTRICAL THEORY

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

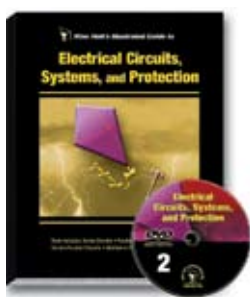
Textbook/Workbook **\$50** (ETFC2)



## 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.

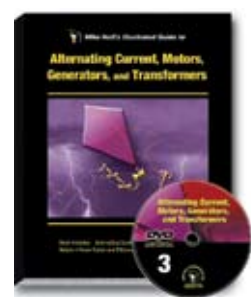
Textbook **\$20** (ETT1)  
 Textbook w/DVD **\$109** (ETD1)  
 Online Course **\$89** (ETOL1)



## 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

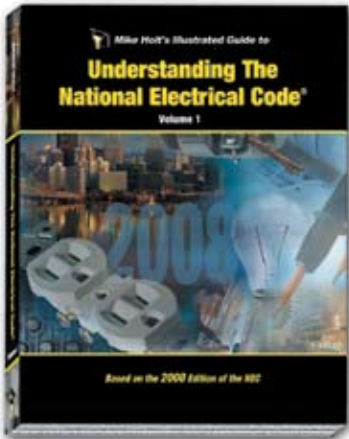
This volume covers alternating current, capacitance, induction, power factor and efficiency, motors, generators, and transformers. You'll learn where alternating current comes from and why it's used; motor basics, motor calculations, motor circuits, and motor controls; apparent power, true power, power 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)

# UNDERSTANDING THE NEC

**All products are available for the 2005 or 2008 Code Cycle**

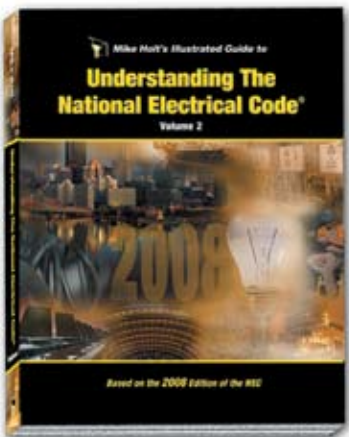
For a complete education on the Code, the understanding series is all you need. Mike explains, in great detail, the history of the rule, the reason for the rule, and how to apply the Code for everyday use. This program explains the 2008 Code, how to use the NEC, general installation requirements, branch circuits, feeders, services and overcurrent protection, grounding versus bonding, conductors, cables and raceways, boxes, panels, motors, transformers, and more.



## UNDERSTANDING THE NATIONAL ELECTRICAL CODE-VOLUME 1 (NEC ARTICLES 90-450)

Pages: 505  
Graphics: 1010  
Practice Questions: 393  
Workbook Practice Questions: Over 1000

Textbook **\$59** [UND1]  
Workbook **\$30** [UN1WB]



## UNDERSTANDING THE NATIONAL ELECTRICAL CODE-VOLUME 2 (NEC ARTICLES 500-820)

Pages: 284  
Graphics: 525  
Practice Questions: 242  
Workbook Practice Questions: Over 700

Textbook **\$49** [UND2]  
Workbook **\$28** [UN2WB]



**REALLY GET TO KNOW THE NEC!  
GREAT PROGRAM FOR ENGINEERS AND INSPECTORS**

### DETAILED CODE LIBRARY

The Detailed Code Library includes three textbooks and ten DVDs: plus a bonus DVD

- Understanding the National Electrical Code-Volume 1 (NEC Articles 90-450) textbook
- Understanding the National Electrical Code-Volume 2 (NEC Articles 500-820) textbook
- NEC Exam Practice Questions textbook
- General Requirements two DVDs (NEC Articles 90-285, Excluding 250)
- Grounding versus Bonding two DVDs (NEC Article 250)
- Wiring Methods and Materials two DVDs (NEC Articles 300-392)
- Equipment for General Use DVD (NEC Articles 400-450)
- Special Occupancies DVD (NEC Articles 500-590)
- Special Equipment DVD (NEC Articles 600-702)
- Limited Energy and Communication Systems DVD (NEC Articles 720-820)
- How to Use the NEC DVD

Library w/DVDs **\$569** [DECODVD]

**Purchased separately, this library would cost \$1,178!**



**SAVINGS!**  
Purchase  
UNEC Vol. 1 and  
UNEC Vol. 2  
together

**You Save \$10!**

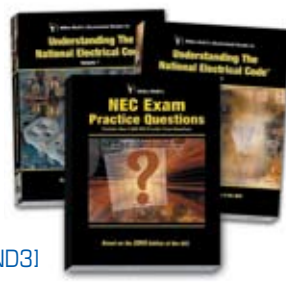
Textbooks **\$98** [UND12]



**SAVINGS!**  
Purchase UNEC  
Vol. 1, 2 and the  
NEC Exam Practice  
Questions together

**You Save \$18!**

Textbooks **\$130** [UND3]



"I think you have the best book on the market to learn and teach the NEC code by. I agree with the decision to print the document in two volumes to fit a first semester course better. Extensive use (and available to the instructor) of graphics helps to obtain and maintain class participation. The various tests also help the student and the instructor in confirming and documenting that learning has occurred."

L. W. Brittan, Instructor  
Texas A&M University

# UNDERSTANDING THE NEC

All products are available for the 2005 or 2008 Code Cycle



## GENERAL REQUIREMENTS, CIRCUITS AND PROTECTION (ARTICLES 90-285, EXCLUDING 250)

Covers electrical installations such as splices, terminals, working space, interruption rating, mechanical execution of work access, and guarding. Also the use and identification of the grounded (neutral) conductor and branch circuits, such as circuit rating, location of receptacles, switches and lights, branch circuits, feeders, outside wiring and services, conductor sizing and protection, equipment and disconnection means, overcurrent protection general rules, location, and enclosures. This book was extracted from the *Understanding the NEC—Volume 1* textbook and has two corresponding DVDs.

Textbook **\$20** [NCT1]  
Textbook w/DVDs **\$198** [NCDVD1]



## GROUNDING VERSUS BONDING (ARTICLE 250)

Grounding is the most important and least understood Article in the NEC. This program gives you an excellent working knowledge of Article 250. Learn the purpose of grounding, its operation and its impact on electromagnetic fields, system grounding vs. circuit grounding, location of grounding connection, enclosure grounding, and much more. This book has two corresponding DVDs.

Textbook **\$42** [NCT2]  
Textbook w/DVDs **\$198** [NCDVD2]

**TOP SELLER!**

See page 13 for all Grounding versus Bonding products available



## WIRING METHODS AND MATERIALS (ARTICLES 300 - 392)

Covers wiring methods, temporary wiring, conductor properties such as circular mils, insulation, ampacity and overcurrent protection, and Articles which contain the specific requirements for the installation of cables. Also covered are raceways, outlet boxes, junction boxes, pull boxes, and other enclosures such as cabinets, cutout boxes, switchboards, and panelboards. This book was extracted from the *Understanding the NEC—Volume 1* textbook and has two corresponding DVDs.

Textbook **\$20** [NCT3]  
Textbook w/DVDs **\$198** [NCDVD3]



## EQUIPMENT FOR GENERAL USE (ARTICLES 400 - 450)

Explains the general NEC rules that apply to appliances, electric space heating, motors, air-conditioning and transformers such as disconnects, conductor sizing, overcurrent, overload sizing, and much more. This book was extracted from the *Understanding the NEC—Volume 1* textbook and has a corresponding DVD.

Textbook **\$20** [NCT4]  
Textbook w/DVD **\$109** [NCDVD4]



## SPECIAL OCCUPANCIES (ARTICLES 500-590)

Understand the different classes, divisions, and groups. Learn requirements for motor fuel dispensing facilities, health care facilities, and more. This book was extracted from the *Understanding the NEC—Volume 2* textbook and has a corresponding DVD.

Textbook **\$20** [NCT5]  
Textbook w/DVD **\$109** [NCDVD5]



## SPECIAL EQUIPMENT (ARTICLES 600-702)

Subjects include signs, manufactured wiring systems, audio signal processing, information technology equipment, fuel cell systems, and more. This book was extracted from the *Understanding the NEC—Volume 2* textbook and has a corresponding DVD.

Textbook **\$20** [NCT6]  
Textbook w/DVD **\$109** [NCDVD6]



## LIMITED ENERGY AND COMMUNICATION SYSTEMS

This full-color, illustrated textbook provides you with the tools to understand limited energy and communications systems. Subjects include rules that most people are not aware of; definitions, general installation requirements, and specific requirements for control, sound, video, CATV, CCTV, antennas, telephone, and fiber optics. Topics include grounding, cable installation, spacing, and support.

Textbook **\$49** [LE]  
Textbook w/DVD **\$149** [LED]



## 101 ESSENTIAL NEC RULES

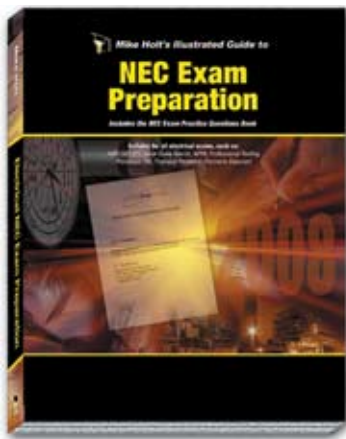
101 Essential NEC Rules was written by Mike Holt to help the electrical professional understand the most important Safety Rules contained in the NEC. When you read this textbook, digest the importance of each rule, and answer the over 400 practice questions, you'll become an expert on what really matters as it relates to electrical safety.

Textbook **\$40** [08NEC101]

# ELECTRICAL EXAM PREPARATION

## Journeyman

*All products are available for the 2005 or 2008 Code Cycle*



### NEC EXAM PREPARATION

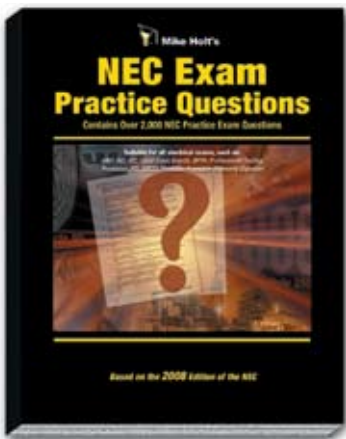
Printed in full color, the Exam Prep book covers Theory, Code, and Calculations in great detail. Clear colorful graphics guide you step-by-step through all the material you'll need to pass your exam the first time. This book is intended to be used with the National Electrical Code book.

Textbook/Workbook **\$59** [EXBI]

Pages: 568

Graphics: 520

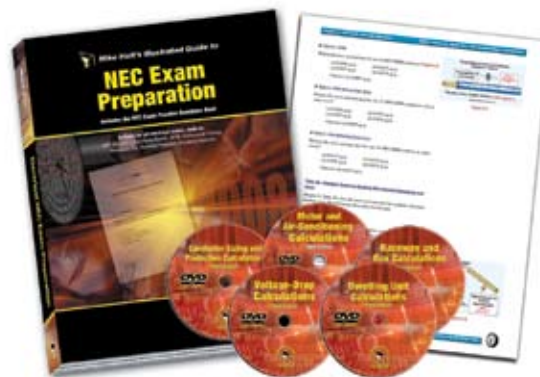
Practice Questions: 2,800



### NEC EXAM PRACTICE QUESTIONS

The *NEC Exam Practice Questions* book contains 2,100 questions from the National Electrical Code. There are 10 practice quizzes of 100 questions each in Code order and 10 review quizzes that are in random order that take you step-by-step through each of the 9 chapters of the NEC. In addition this book contains 7 challenge quizzes and two final exams. This book is an extraction from our *NEC Exam Preparation* textbook.

Exam Book **\$40** [PQ]



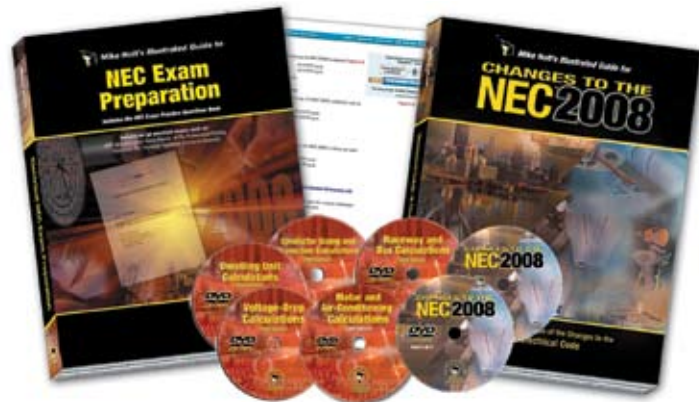
### JOURNEYMAN CALCULATIONS LIBRARY

The Journeyman Calculations Library includes a textbook and five DVDs

- **NEC Exam Preparation textbook/workbook**
- *Raceway and Box Calculations DVD*
- *Conductor Sizing and Protection DVD*
- *Motor and Air-Conditioning Calculations DVD*
- *Voltage-Drop Calculations DVD*
- *Dwelling Unit Calculations DVD*

Library w/DVDs **\$420** [CADJ]

**Purchased separately, this library would cost \$524!**



### JOURNEYMAN INTERMEDIATE LIBRARY

If you need to pass a Journeyman exam right away, then this program is for you. Watch the DVDs with the illustrated textbook, work out 2,700 Journeyman practice questions and you'll have it made. The Journeyman Intermediate Library includes two textbooks and seven DVDs.

- **NEC Exam Preparation textbook/workbook**
- **Illustrated Changes to the NEC textbook**
- *Two Illustrated Changes to the NEC DVDs*
- *Raceway and Box Calculations DVD*
- *Conductor Sizing and Protection DVD*
- *Motor and Air-Conditioning Calculations DVD*
- *Voltage-Drop Calculations DVD*
- *Dwelling Unit Calculations DVD*

Journeyman Intermediate Library w/DVDs **\$595** [JRINI]

**Purchased separately, this library would cost \$770!**



# ELECTRICAL EXAM PREPARATION

## Journeyman

All products are available for the 2005 or 2008 Code Cycle



### JOURNEYMAN COMPREHENSIVE LIBRARY

Want to pass your exam the first time? The Comprehensive Exam Preparation Library is based on a full term of live classes. You'll learn everything you need to know to pass your exam the first time. Mike's dynamic style and detailed graphics easily explain the most difficult subjects. The Journeyman Comprehensive Library includes five books and eighteen DVDs.

- Basic Electrical Theory textbook/workbook
- Understanding the NEC, Volume 1 textbook
- Understanding the NEC, Volume 2 textbook
- NEC Exam Preparation textbook/ workbook
- Journeyman Simulated Exam
- Electrical Fundamentals and Basic Electricity DVD
- Electrical Circuits, Systems and Protection DVD
- Alternating Current, Motors, Generators and Transformers DVD
- General Requirements, Circuits and Protection two DVDs (NEC Articles 90–285, Except 250)
- Grounding versus Bonding two DVDs (NEC Article 250)
- Wiring Methods and Materials two DVDs (NEC Articles 300–392)
- Equipment for General Use DVD (NEC Articles 400–450)
- Special Occupancies DVD (NEC Articles 500–590)
- Special Equipment DVD (NEC Articles 600–702)
- Limited Energy and Communications Systems DVD (NEC Articles 720–820)
- Raceway and Box Calculations DVD
- Conductor Sizing & Protection DVD
- Motor and Air-Conditioning Calculations DVD
- Voltage-Drop Calculations DVD
- Dwelling Unit Calculations DVD

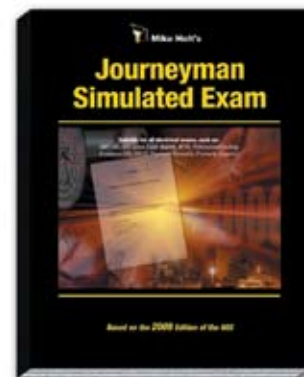
Journeyman Comprehensive Library w/DVDs  
**\$925 [JRCO]**

**Purchased separately, this library would cost \$2059!**



"Thank you for the excellent Electrical Exam Preparation package. I used this package to study for the Journeyman Electrician Certification. I studied everyday for about a year. When I took the test, it was a breeze. I often refer to the textbook and find it the best electrician resource on the market. Thanks again."

Paul Wilson, Santa Rosa, CA



### JOURNEYMAN SIMULATED EXAM

This exam was designed to give you experience in taking exams under conditions similar to the actual competency exam and to help you determine which subjects and areas of study that you really need to focus on. This exam covers Electrical Theory, the NEC and Electrical Calculations. Includes detailed answer key. Test yourself with this 7-hour Simulated Exam.

Journeyman Simulated Exam **\$20 [JX]**

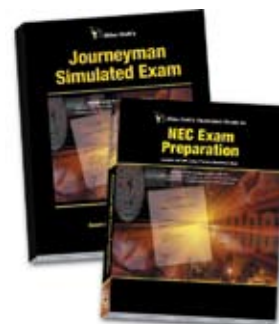
### JOURNEYMAN ONLINE SIMULATED EXAM



**FREE!**

Visit [www.MikeHolt.com](http://www.MikeHolt.com) and try our online Simulated Journeyman or Master/Contractor exam. This exam simulates real-life conditions and displays results at the end of each practice session.

**Buy Both and Save \$5!**



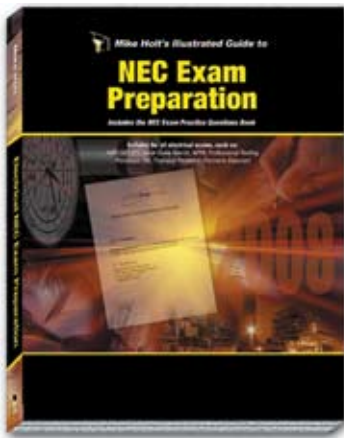
**ELECTRICAL NEC EXAM PREPARATION TEXTBOOK & JOURNEYMAN SIMULATED EXAM**

Textbook and Simulated Exam **\$74 [EPJX]**

# ELECTRICAL EXAM PREPARATION

## Master/Contractor

*All products are available for the 2005 or 2008 Code Cycle*



### NEC EXAM PREPARATION

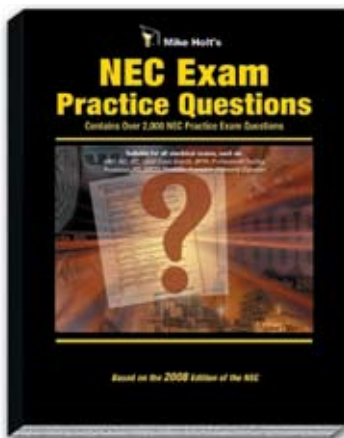
Printed in full color, the Exam Prep book covers Theory, Code, and Calculations in great detail. Clear colorful graphics guide you step-by-step through all the material you'll need to pass your exam the first time. This book is intended to be used with the National Electrical Code book.

Textbook/Workbook **\$59** [EXB]

Pages: 568

Graphics: 520

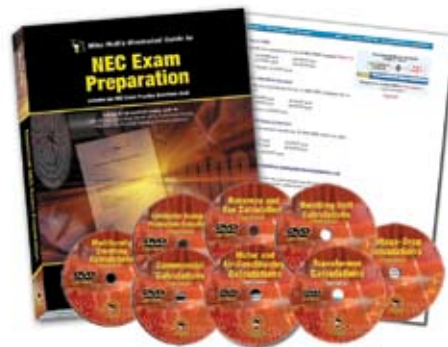
Practice Questions: 2,800



### NEC EXAM PRACTICE QUESTIONS

The *NEC Exam Practice Questions* book contains 2,100 questions from the National Electrical Code. There are 10 practice quizzes of 100 questions each in Code order and 10 review quizzes that are in random order that take you step-by-step through each of the 9 chapters of the NEC. In addition this book contains 7 challenge quizzes and two final exams. This book is an extraction from our *NEC Exam Preparation* textbook.

Exam Book **\$40** [PQ]



### MASTER/CONTRACTOR CALCULATIONS LIBRARY

The Master/Contractor Calculations Library includes a textbook and eight DVDs:

- **NEC Exam Preparation textbook/workbook**
- *Raceway and Box Calculations DVD*
- *Conductor Sizing and Protection DVD*
- *Motor and Air-Conditioning Calculations DVD*
- *Voltage-Drop Calculations DVD*
- *Dwelling Unit Calculations DVD*
- *Multifamily Dwelling Calculations DVD*
- *Commercial Calculations DVD*
- *Transformer Calculations DVD*

Master/Contractor Calculations Library w/DVDs **\$599** [CADMI]

**Purchased separately, this library would cost \$841!**



### MASTER/CONTRACTOR INTERMEDIATE LIBRARY

If you need to pass the Master/Contractor exam right away, then this program is for you. Watch the DVDs with the illustrated textbook, work out 2,800 Master/Contractor practice questions and you'll have it made. The Master/Contractor Intermediate Library includes everything in the Journeyman Library, plus three additional Calculation DVDs.

- **NEC Exam Preparation textbook/workbook**
- **Illustrated Changes to the NEC textbook/workbook**
- *Illustrated Changes to NEC two DVDs*
- *Raceway and Box Calculations DVD*
- *Conductor Sizing and Protection DVD*
- *Motor and Air-Conditioning Calculations DVD*
- *Voltage-Drop Calculations DVD*
- *Dwelling Unit Calculations DVD*
- *Multifamily Dwelling Calculations DVD*
- *Commercial Calculations DVD*
- *Transformer Calculations DVD*

Master/Contractor Intermediate Library w/DVDs **\$695** [MAIN]

**Purchased separately, this library would cost \$1087!**



# ELECTRICAL EXAM PREPARATION

## Master/Contractor

All products are available for the 2005 or 2008 Code Cycle



### MASTER/CONTRACTOR COMPREHENSIVE LIBRARY

The Comprehensive Exam Preparation Library is based on a full term of live classes. You'll learn everything you need to know to pass your exam the first time. Mike's dynamic style and detailed graphics easily explain the most difficult subjects. The Master/Contractor Comprehensive Library includes five books and twenty one DVDs.

- Basic Electrical Theory textbook/workbook
- Understanding the NEC, Volume 1 textbook
- Understanding the NEC, Volume 2 textbook
- NEC Exam Preparation textbook/ workbook
- Master/Contractor Simulated Exam
- Electrical Fundamentals and Basic Electricity DVD
- Electrical Circuits, Systems and Protection DVD
- Alternating Current, Motors, Generators and Transformers DVD
- General Requirements Circuits and Protection two DVDs (NEC Articles 90–285, Except 250)
- Grounding versus Bonding two DVDs (NEC Article 250)
- Wiring Methods and Materials two DVDs (NEC Articles 300–392)
- Equipment for General Use DVD (NEC Articles 400–450)
- Special Occupancies DVD (NEC Articles 500–590)
- Special Equipment DVD (NEC Articles 600–702)
- Limited Energy and Communication Systems DVD (NEC Articles 720–820)
- Raceway and Box Calculations DVD
- Conductor Sizing & Protection DVD
- Motor and Air-Conditioning Calculations DVD
- Voltage-Drop Calculations DVD
- Dwelling Unit Calculations DVD
- Multifamily Dwelling Calculations DVD
- Commercial Calculations DVD
- Transformer Calculations DVD

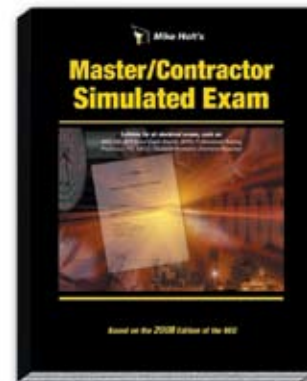
Master/Contractor Comprehensive Library w/DVD **\$1025** (MACO)

**Purchased separately, this library would cost \$2381!**



"I have to say that your products have helped me grow my business. I have used your teaching material and have been successful at passing all 5 master electrician exams in three states. Your products are truly worth their weight in gold."

Joseph Irizarry  
Owner/Licensed Master Electrician  
AJI Electrical Services, Inc.



### MASTER/CONTRACTOR SIMULATED EXAM

This exam was designed to give you experience in taking exams under conditions similar to the actual competency exam and to help you determine which subjects and areas of study that you really need to focus on. This exam covers Electrical Theory, the NEC, and Electrical Calculations. Includes detailed answer key. Test yourself with this Simulated Exam.

Master/Contractor Simulated Exam **\$25** (MX)

### MASTER/CONTRACTOR ONLINE SIMULATED EXAM

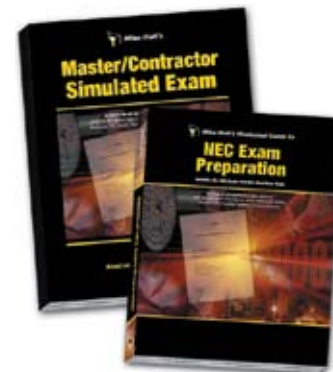


**FREE!**

Visit [www.MikeHolt.com](http://www.MikeHolt.com)

and try our online Simulated Journeyman or Master/Contractor exam. This exam simulates real-life conditions and displays results at the end of each practice session.

**Buy Both and Save \$5!**



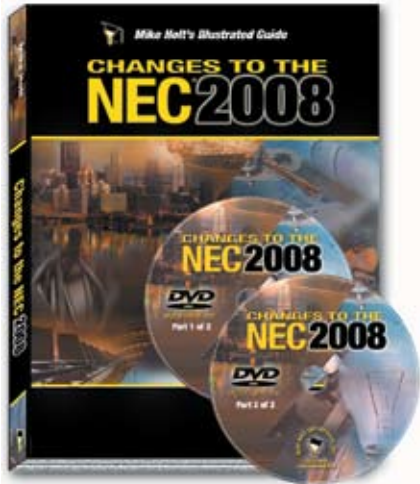
### NEC EXAM PREPARATION TEXTBOOK & MASTER/CONTRACTOR SIMULATED EXAM

Textbook and Simulated Exam **\$79** (EPMX)

# CODE CHANGES

*All products are available for the 2005 or 2008 Code Cycle*

Nearly 5,000 changes were proposed for the 2008 NEC! Over 225 of them will have a significant impact on designing, installing, and inspecting electrical systems.

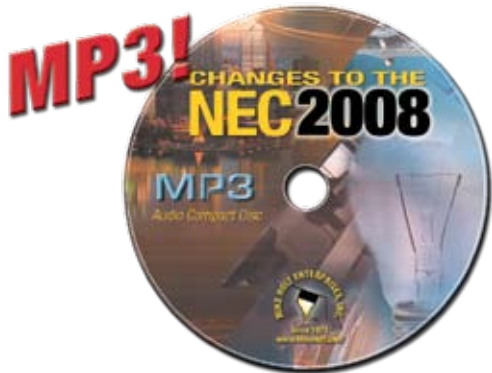


## ILLUSTRATED CHANGES TO THE NEC

This comprehensive full-color textbook includes the following subjects: General Requirements, Circuits and Protection, Grounding versus Bonding, Wiring Methods, Equipment for General Use, Special Occupancies, Special Equipment, Special Conditions, and Limited Energy and Communications Systems. Also available are two corresponding DVDs which follow the text at a relaxed pace, giving the viewer a comprehensive look at the latest NEC changes. This new edition includes practice questions!

Pages: 316 Graphics: 549  
Practice Questions: Over 275

Textbook/Workbook **\$48** [BK]  
Textbook w/DVDs **\$198** [CCDVD]



## CHANGES TO NEC 2008 MP3 AUDIO CD

This MP3 Audio CD contains Articles 100-830 of the 2008 NEC Changes all on one disk. It can be played on a computer or MP3 CD Player.

MP3 Audio CD **\$59** [CCMP3]



## CODE CHANGE LIBRARY

The Code Change Library is a detailed review of the most important changes to the 2008 NEC. This package is a must-have for everyone in the electrical industry who needs to get up-to-speed with the latest changes in the NEC. The Code Change Library includes:

- Illustrated Changes to the NEC textbook/workbook
- Illustrated Changes to the NEC DVDs
- 16-Hour Online Code Change Program
- Illustrated Changes to the NEC MP3 audio CD
- Code Book Tabs

Library w/DVDs **\$269** [CCLIBD]

**Purchased separately, this library would cost \$495!**



## ONLINE CODE CHANGE PROGRAM



Interactive online training is available! This online course presents the NEC changes in an easy-to-follow manner, and our detailed color graphics help to clear up some of those technical and difficult topics. Visit [www.MikeHolt.com](http://www.MikeHolt.com) and try our online Code Change Course.

Part 1 **\$89** [CCOLP1]  
Part 2 **\$89** [CCOLP2]  
Part 1 and 2 **\$178** [OBWAOLP]

*\*This course may be used for continuing education in approved states. Please visit [www.MikeHolt.com](http://www.MikeHolt.com) for a full list of approved states.*

"The Mike Holt online NEC course was excellent. I especially like the format and the fact that I could work on my progress (from home or the office) as my time allowed. The mix of online, code illustrations and the interactive questions really reinforced the material. What a great way to improve our understanding of the Code. Keep up the great work!"

Tom W. Anton

# GROUNDING VERSUS BONDING

All products are available for the 2005 or 2008 Code Cycle



## GROUNDING VERSUS BONDING LIBRARY **TOP SELLER!**

**Grounding and bonding problems are at epidemic levels.** Surveys repeatedly show that 90 percent of power quality problems are due to poor grounding and bonding. Electrical theory has been applied to this difficult to understand Article, making it easier for students to grasp the concepts of grounding versus bonding. Additionally, the graphics are color-coded so you can easily differentiate between grounding and bonding. The Grounding versus Bonding Library includes a textbook/workbook, MP3 Audio CD, Online Program, and two DVDs.

- Grounding versus Bonding textbook/workbook
- Online Grounding versus Bonding Program
- Grounding versus Bonding two DVDs
- Grounding versus Bonding MP3 Audio CD

Library with w/DVDs **\$269** [GBDVD]

**Purchased separately, this library would cost \$477!**



## ONLINE GROUNDING VERSUS BONDING PROGRAM



Interactive online training is available! This online course gets to the root of all problems associated with grounding versus bonding, and our detailed color graphics help you easily differentiate between the two. Visit [www.MikeHolt.com](http://www.MikeHolt.com) and try our online Grounding versus Bonding Course.

**\$178** [GBOLPI]

*This course may be used for continuing education in approved states.*

**Visit [www.MikeHolt.com](http://www.MikeHolt.com) today to test your knowledge of this difficult topic with our FREE Online Grounding versus Bonding quiz!**

"Great job on the Grounding versus Bonding series. I couldn't believe how in-depth it was, yet clear for all to be able to understand. I watched it for the first time, and the next week started to watch it again. I have since finished it and started on it for the third time. Every time I watch it I see things I have been wondering about for years and I usually say, "Why didn't anyone explain it like that before?" Great job! Keep up the good work."

Barry Wilkes  
Batesville, AR

First Year Electrical Instructor



## GROUNDING VERSUS BONDING

The *Grounding versus Bonding* textbook/workbook is loaded with detailed color-coded graphics so you can easily differentiate between grounding and bonding. This text gets to the root of all problems associated with grounding versus bonding. Subjects include: Circuit and System Grounding, Grounding Electrode System and Grounding Electrode Conductor, Enclosure, Raceway, and Service Cable Grounding, Bonding, Methods of Equipment Grounding, Direct-Current Systems, and Grounding of Systems and Circuits. Two corresponding DVDs are also available.

Pages: 148 Graphics: 297  
Practice Questions: Over 250

Textbook/Workbook **\$42** [NCT2]

Textbook/Workbook w/DVDs **\$198** [NCDVD2]



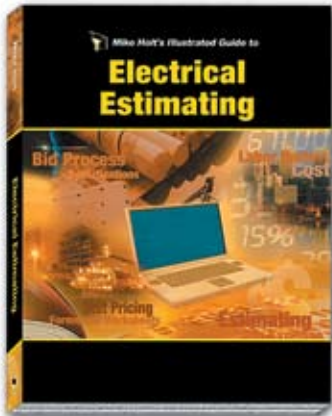
## GROUNDING VERSUS BONDING MP3 AUDIO CD

This MP3 Audio CD contains Article 250 all on one disk. It can be played on a computer or MP3 CD Player.

MP3 Audio CD **\$59** [GBMP3]

# ELECTRICAL ESTIMATING

Estimate like the experts. Running a business requires an understanding of how to estimate a job. This program will show you how to take-off a job, how to determine the material cost, how to accurately estimate labor cost, and how to determine your overhead, profit, and break-even point. This course also gives tips on selling and marketing your business. You'll learn how to estimate and manage residential, commercial, and industrial projects. You'll gain insight on how to make more money on every job through proper estimating and project management. Watch the DVDs at home or office and listen to the MP3s while driving. You'll quickly learn how to make more money on every job.

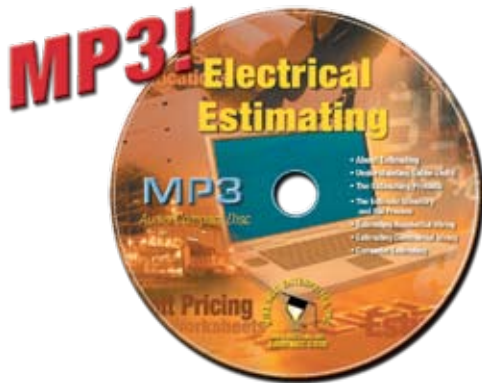


## ELECTRICAL ESTIMATING

This textbook/workbook contains hundreds of illustrations, examples, sample blueprints and price catalog. You'll learn how to estimate and manage residential, commercial, and industrial projects. You'll gain insight on how to make more money on every job through proper estimating and project management. Includes a textbook/workbook with answer key.

Textbook/Workbook **\$82** [ESTB]

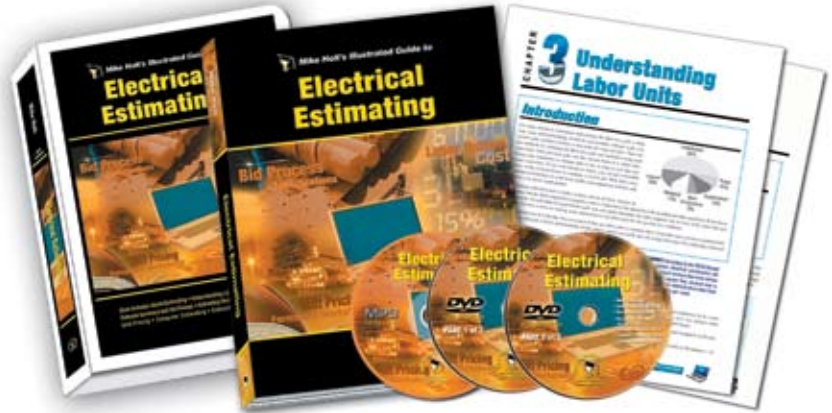
Pages: 334  
Graphics: 163



## ESTIMATING MP3 AUDIO CD

This MP3 audio CD contains 12 hours all on one disk. It can be played on a computer or MP3 CD Player.

MP3 Audio CD **\$59** [ESTMP3]

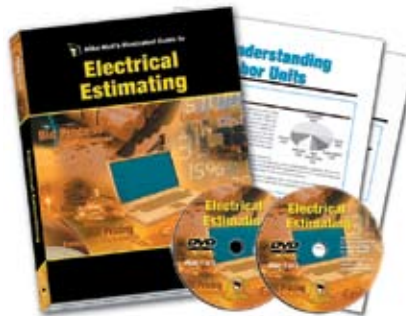


## SUPREME ESTIMATING LIBRARY

The Supreme Estimating Libraries include a textbook, instructor's guide, two DVDs and an MP3 audio CD:

- **Electrical Estimating textbook/workbook and instructor's guide**
- *Electrical Estimating two DVDs*
- *MP3 audio CD containing 12 hours of audio on one disk*

Library w/DVDs and MP3 **\$345** [ESTDMP]

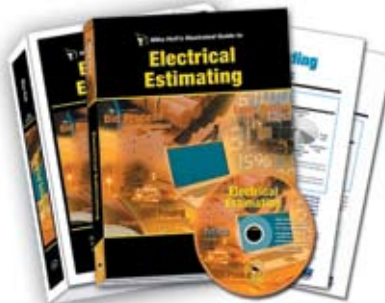


## DELUXE ESTIMATING LIBRARY

The Deluxe Estimating Library includes a textbook, instructor's guide, and two DVDs as described above:

- **Electrical Estimating textbook/workbook and instructor's guide**
- *Electrical Estimating two DVDs*

Textbook/Workbook w/DVDs **\$295** [ESDVD]



## STANDARD ESTIMATING LIBRARY

The Standard Estimating Library includes a textbook, instructor's guide, and MP3 audio CD:

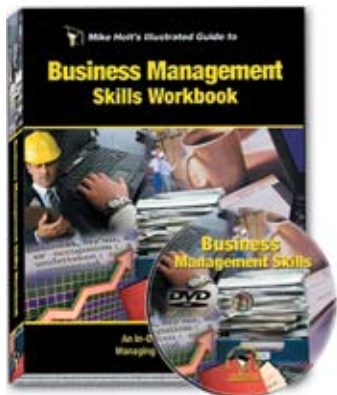
- **Electrical Estimating textbook/workbook and instructor's guide**
- *Electrical Estimating an MP3 audio CD containing 12 hours of audio on one disk*

Textbook/Workbook w/MP3 Audio CD **\$140** [STESMP]

"I got the confidence to do business and not drive myself nuts wondering if I had bid the job right. Your estimating home study program took the guesswork out of my bids, and I don't have to feel uneasy about what I'm doing. By operating in a professional manner I have discovered that there is security in knowing that I'll be around in a few years, and not scratching my head wondering why I didn't make a profit."

Charles Walters

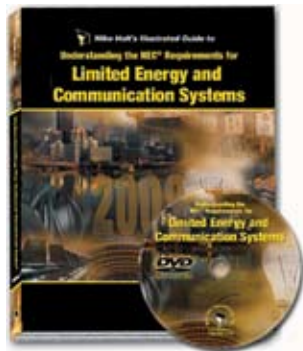
# OTHER PUBLICATIONS AND PRODUCTS



## BUSINESS MANAGEMENT SKILLS TEXTBOOK/WORKBOOK

The field of Business Management encompasses many activities that influence the profitability of your company either directly or indirectly. This textbook/workbook and DVD is a no-nonsense approach to management. You'll learn how to create a customized strategic plan to move your business to the next level. Subjects include Business Management, Financial Management, Job Management, and Labor Management.

Textbook/Workbook **\$50** [BMBK]  
Textbook/Workbook w/DVD **\$109** [BMSKD]



## UNDERSTANDING THE NEC REQUIREMENTS FOR LIMITED ENERGY AND COMMUNICATION SYSTEMS

This full-color, illustrated textbook provides you with the tools to understand the technical requirements of the NEC regarding limited energy and communications systems. Subjects include rules that most people are not aware of; definitions, general installation requirements, and specific requirements for control, sound, video, CATV, CCTV, antennas, telephone, and fiber optics. Topics include grounding, cable installation, spacing, and support. This program is suitable for Low Voltage exam prep and the textbook includes practice questions, quizzes, and a final exam.

Textbook **\$49** [LE]  
Textbook w/DVD **\$149** [LED]

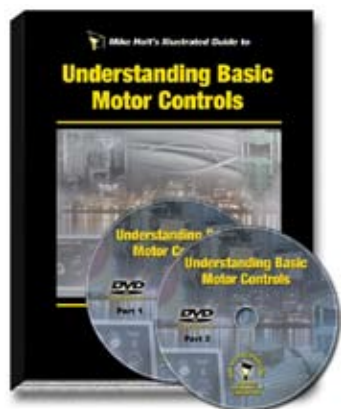


## ELECTRICAL FORMULAS WITH SAMPLE CALCULATIONS

This full-color, illustrated reference guide to formulas and calculations is based on the NEC, but the material covered and skills learned will last forever. This textbook is 4.25 in. x 9 in. This convenient size enables you to be able to carry this with you out in the field and carry in your toolbox, pocket, or glove box.

Formula Book **\$26** [FBK]

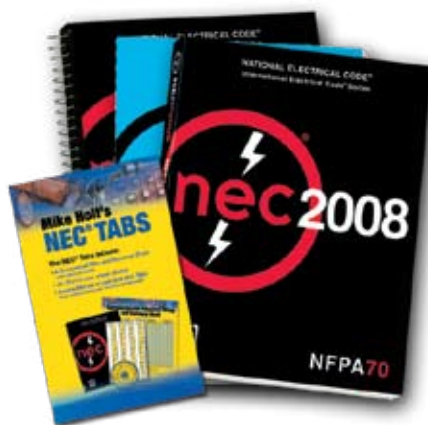
**Available May 2009!**



## UNDERSTANDING BASIC MOTOR CONTROLS

This textbook explains how to read and understand basic motor control schematics. It helps students understand the equipment represented by the symbols in the schematics, and how motor controls are used in practical applications.

Motor Controls Book **\$40** [MCMB]  
Textbook w/DVD **\$169** [MCDVD]



## NEC CODE BOOK

Spiral-bound **\$86** [SB]  
Paperback **\$82.50** [PB]  
Handbook **\$143** [HB]

**NEC publication prices are subject to change.**

**NEC TABS \$12** [TABS]



*[No additional discounts may be used with these products.]*



## OHM'S LAW WATCH

Available with gold or black background (subject to availability). This Ohm's Law Wheel Watch (both styles) has a leather strap, quartz movement and is weather-proof. This makes an excellent gift item for yourself or for a friend, relative, inspector, employee or employer. Some people wear it while taking an exam. Let us know which face color you prefer and we will try accommodate your choice of face color, but cannot guarantee it.

Gold Face **\$50** [WTCHG]  
Black Face **\$50** [WTCHB]

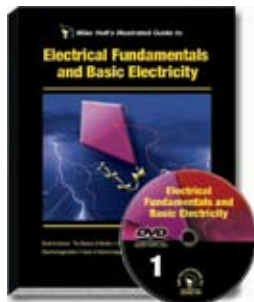
**Great Gift Idea!**



# CONTINUING EDUCATION

**NEC products available for the 2005 or 2008 Code Cycle**

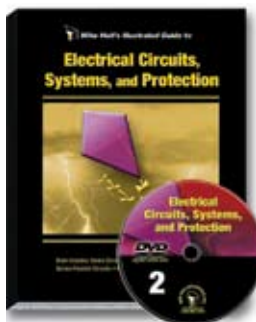
## BASIC ELECTRICAL THEORY



### 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. Includes a corresponding DVD. The book used in this program is an extraction from our *Basic Electrical Theory* textbook.

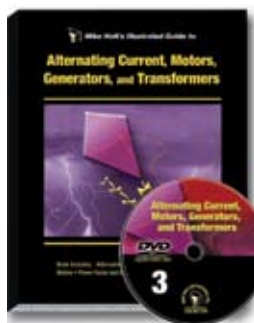
Textbook/DVD **\$109** [ETD1]  
Online Course **\$89** [ETOL1]



### 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. You'll understand the role of circuit overcurrent protection in clearing ground faults and some critical facts about grounding. Includes a corresponding DVD. The book used in this program is an extraction from our *Basic Electrical Theory* textbook.

Textbook/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. You'll gain solid understanding of motor basics, motor calculations, motor circuits, and motor controls. You'll learn about apparent power, true power, power factor, and unity power. You'll gain a basic understanding of transformers. Includes a corresponding DVD. The book used in this program is an extraction from our *Basic Electrical Theory* textbook.

Textbook/DVD **\$109** [ETD3]  
Online Course **\$89** [ETOL3]

## NATIONAL ELECTRICAL CODE



### CHANGES TO THE NEC 2008, ARTICLES 100-376

Our Code Change program highlights the most important changes you need to know for the new Code cycle. This exclusive program includes a DVD of one of Mike's most dynamic live classes with a fully illustrated textbook. The textbook contains over 150 diagrams which make the change easy to understand, while Mike's exciting DVD reinforces the concepts. You'll feel like you're part of the class. Includes a corresponding DVD.

Textbook/DVD **\$115** [CCD1]  
Online Course Part 1 **\$89** [CCOLP1]

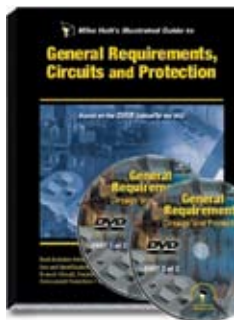


### CHANGES TO THE NEC 2008, ARTICLES 404-830

This Code review program covers the changes in Articles 404 through Article 830. Included is a DVD of one of Mike's most dynamic live classes with a fully illustrated textbook. The textbook contains over 150 diagrams which make the changes easy to understand. Includes a corresponding DVD.

Textbook/DVD **\$115** [CCD2]  
Online Course Part 2 **\$89** [CCOLP2]

**Buy Both Changes to the NEC DVDs  
Part 1 and 2 - Only \$198.**



### GENERAL REQUIREMENTS, CIRCUITS AND PROTECTION, ARTICLES 90-285 (EXCLUDING ARTICLE 250)

Covers electrical installations such as splices, terminals, working space, interruption rating, mechanical execution of work access, and guarding. Also, the use and identification of the grounded (neutral) conductor and branch circuits, such as circuit rating, location of receptacles, switches and lights, branch circuits, feeders, outside wiring and services, conductor sizing and protection, equipment and disconnection means, overcurrent protection general rules, location, and enclosures. Includes two corresponding DVDs. The book used in this program is an extraction from our *Understanding the NEC, Volume 1* textbook.

Textbook/DVDs **\$198** [NCDVD1]

**These courses are approved for CEU hours for many states - for a complete listing please click on "Continuing Ed" at [www.MikeHolt.com](http://www.MikeHolt.com) and check with your state Electrical or Engineering Board for verification. For information regarding Engineering or Inspector CEUs please email [ilene@mikeholt.com](mailto:ilene@mikeholt.com)**

# CONTINUING EDUCATION

All products are available for the 2005 or 2008 Code Cycle

## NATIONAL ELECTRICAL CODE



### GROUNDING VERSUS BONDING, ARTICLE 250

Grounding is the most important and least understood Article in the NEC. This program gives you an excellent working knowledge of Article 250. Learn the purpose of grounding, its operation and its impact on electromagnetic fields, system grounding vs. circuit grounding, location of grounding connection, enclosure grounding, and much more. Includes two corresponding DVDs.

Textbook/DVDs **\$198** (NCDVD21)  
Online course **\$178** (GBOLP)



### WIRING METHODS AND MATERIALS, ARTICLES 300-392

Covers wiring methods, temporary wiring, conductor properties such as circular mils, insulation, ampacity and over-current protection, and Articles which contain the specific requirements for the installation of cables. Also covered are raceways, outlet boxes, junction boxes, pull boxes, and other enclosures such as cabinets, cutout boxes, switchboards, and panelboards. Includes two corresponding DVDs. The book used in this program is an extraction from our *Understanding the NEC, Volume 1* textbook.

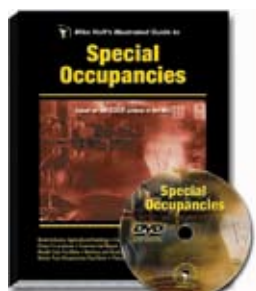
Textbook/DVDs **\$198** (NCDVD3)



### EQUIPMENT FOR GENERAL USE, ARTICLES 400-450

Explains the general NEC rules that apply to appliances, electric space heating, motors, air conditioning and transformers such as disconnects, conductor sizing, overcurrent, overload sizing, and much more. Includes a corresponding DVD. The book used in this program is an extraction from our *Understanding the NEC, Volume 1* textbook.

Textbook/DVDs **\$109** (NCDVD4)



### SPECIAL OCCUPANCIES ARTICLE 500-590

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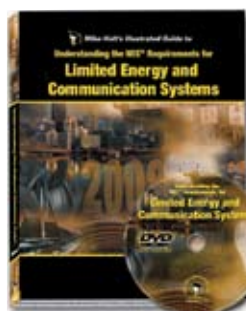
## NATIONAL ELECTRICAL CODE



### SPECIAL EQUIPMENT ARTICLE 600-702

Subjects include signs, manufactured wiring systems, audio signal processing, information technology equipment, fuel cell systems, and more. Includes a corresponding DVD. The book used in this program is an extraction from our *Understanding the NEC, Volume 2* textbook.

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This full-color, illustrated textbook provides you with the tools to understand limited energy and communications systems. Subjects include rules that most people are not aware of; definitions, general installation requirements, and specific requirements for control, sound, video, CATV, CCTV, antennas, telephone, and fiber optics. Topics include grounding, cable installation, spacing, and support.

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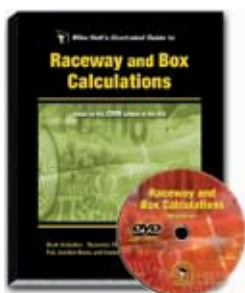
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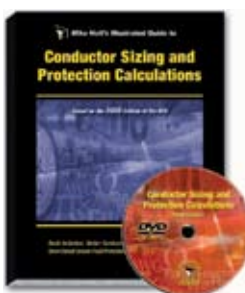
## CALCULATIONS



### RACEWAY AND BOX CALCULATIONS

Learn how to size raceways, nipples, outlet boxes, junction boxes, pull boxes, surface raceways and wireways. Includes NEC Articles 352, 362, 370, and Chapter 9, and a corresponding DVD. The book used in this program is an extraction from our *NEC Exam Preparation* textbook.

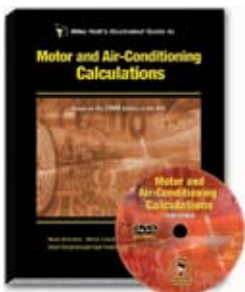
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This program explains conductor ampacity calculations when corrected for ambient temperature and conductor bunching, and the effects of terminal rating on conductor sizing. Covers the "next size up" rule, tap rules, and much more! Includes Articles 240 and 310, and a corresponding DVD. The book used in this program is an extraction from our *NEC Exam Preparation* textbook.

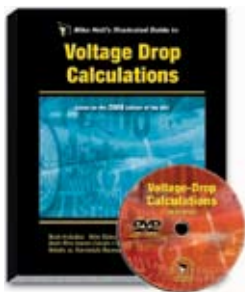
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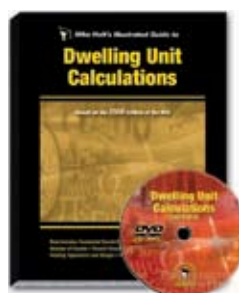


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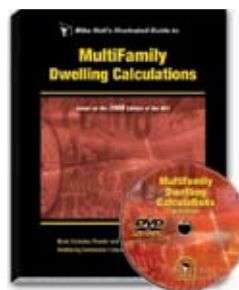
## CALCULATIONS



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Residential branch circuit, feeder and service calculations are covered in detail. Subjects covered include: number of circuits, branch-circuit conductor sizes and protection for A/C, heating, appliances, and ranges. Feeder and service load calculations for dwelling units (standard and optional methods) are covered in detail. Includes Articles 210, 220, 240, 310, Appendix D, and includes a corresponding DVD. The book used in this program is an extraction from our *NEC Exam Preparation* textbook.

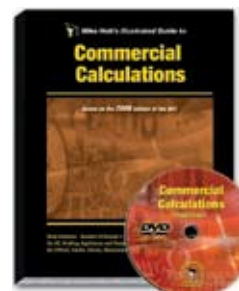
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### MULTIFAMILY DWELLING CALCULATIONS

Subjects covered include feeder and service load calculations for multifamily residences. Both the standard and optional methods are covered in detail. Includes Articles 220, 240, and 310. Includes a corresponding DVD. The book used in this program is an extraction from our *NEC Exam Preparation* textbook.

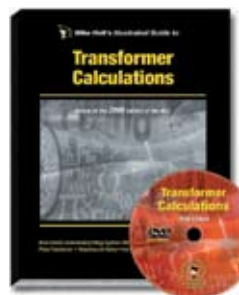
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Branch circuits, feeder, and service calculations are covered. Subjects include: number of circuits required, branch-circuit conductor sizes and protection for A/C, heating, appliances, and ranges. Also, feeder and service load calculations for offices, banks, stores, restaurants, marinas, recreational parks, mobile home parks, and more! Includes Articles 220, 240, 310, 550, 551, and 555, and a corresponding DVD. The book used in this program is an extraction from our *NEC Exam Preparation* textbook.

Textbook/DVD **\$109** [CLD7]



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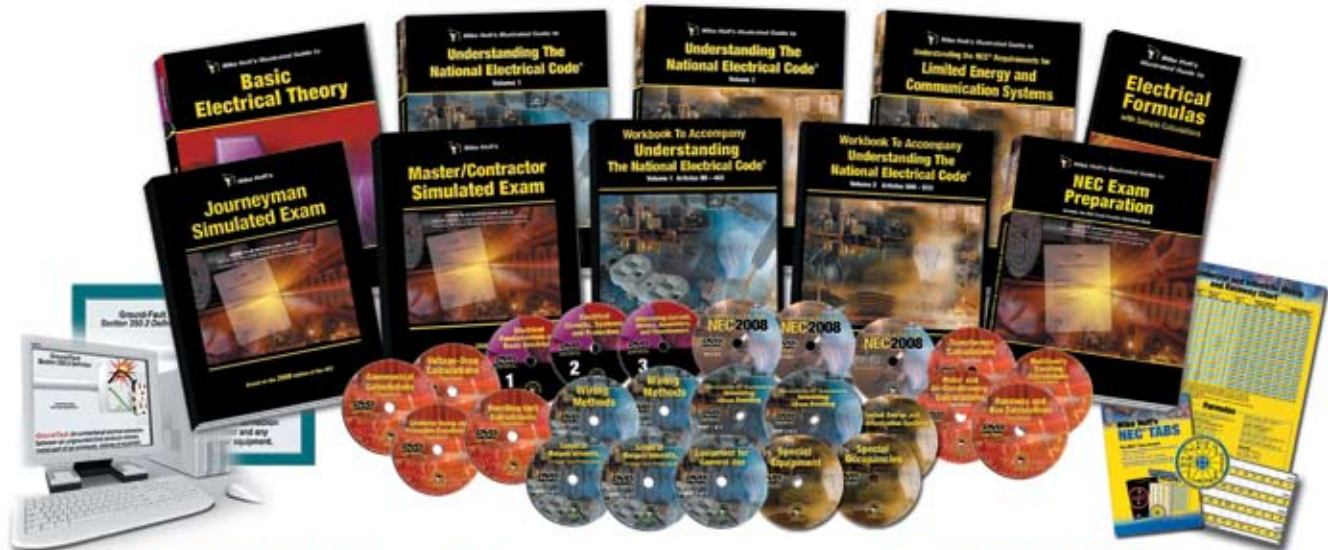
Subjects include understanding voltage systems (120/240, 120/208V, 277/480V single-phase and 3-phase), transformer balancing, transformer sizing, panel balancing, and conductor sizing. In addition, this program explains grounding and bonding and how to size primary and secondary protection as well as conductor sizing. Includes a corresponding DVD. The book used in this program is an extraction from our *NEC Exam Preparation* textbook.

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□ [08MX]	Master/Contractor Simulated Exam	\$25
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□ [08LED]	Limited Energy and Communication Systems Textbook w/DVD	\$149

### CODE CHANGES (see page 12)

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□ [08CCDVD]	Illustrated Changes to the NEC Textbook w/DVDs	\$198
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□ [05LE]	Limited Energy and Communication Systems Textbook	\$49
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□ [05BK]	Illustrated Changes to the NEC Textbook	\$48
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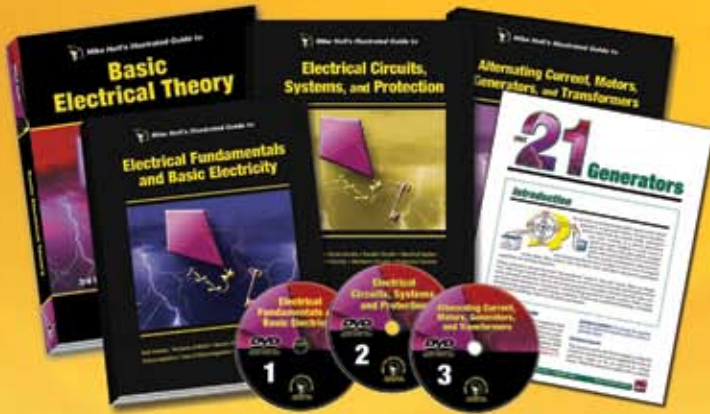
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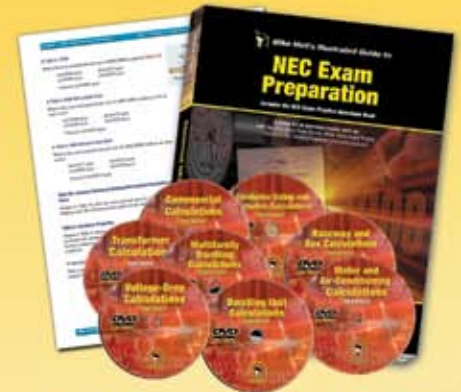
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