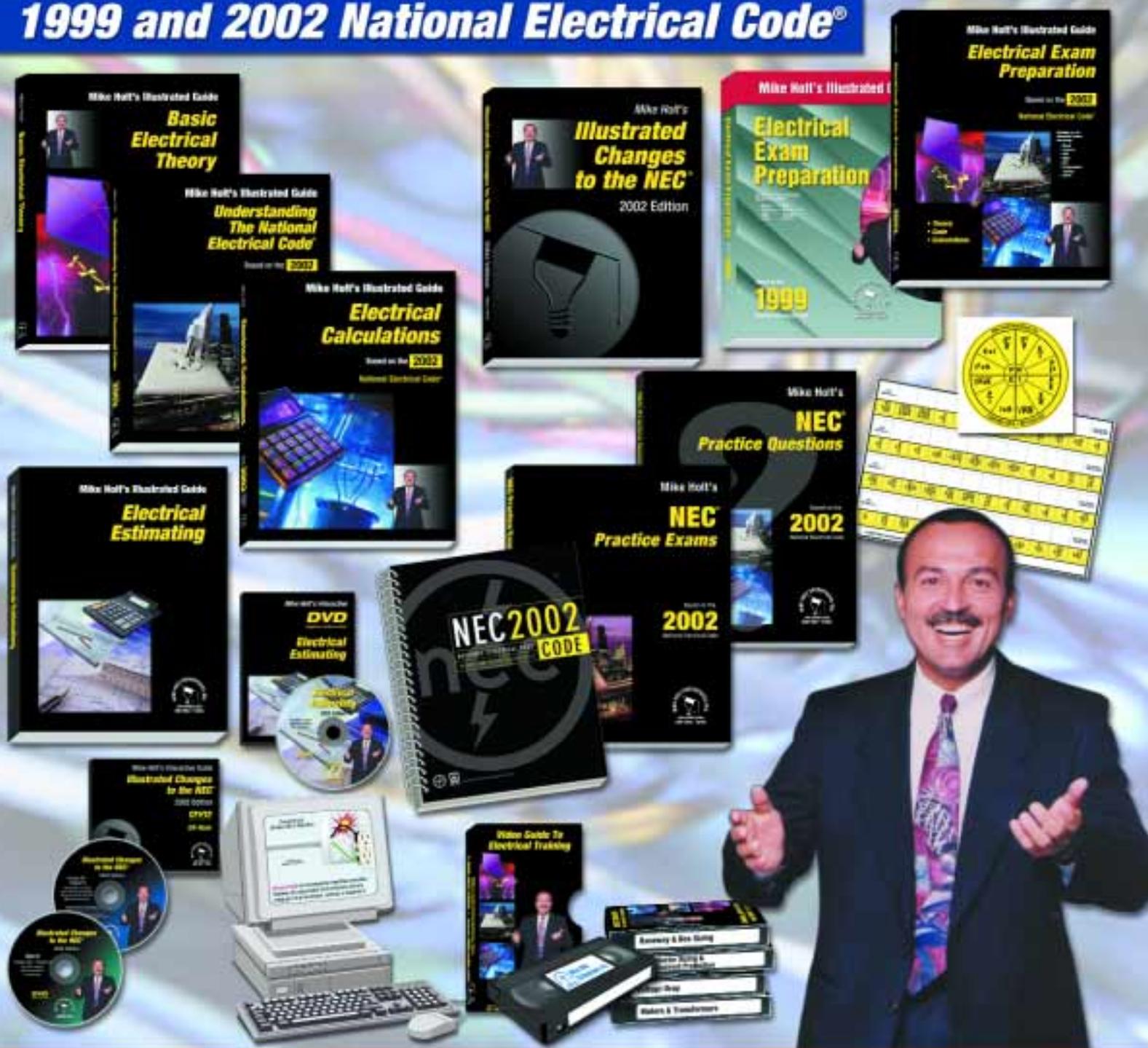


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## About Mike Holt

Mike Holt worked his way up through the electrical trade from an apprentice electrician to a master electrician and electrical inspector. In 1973, Mike was certified as an electrical instructor and in 1975 became an electrical contractor. From their inception, Mike's electrical classes were so successful that, by 1980, he stopped electrical contracting to completely devote his time to electrical training.

### EDUCATOR

Mike is nationally recognized as one of America's most knowledgeable electrical trainers and has touched the lives of many thousands of electricians, inspectors, contractors, and engineers. His dynamic and animated teaching style is relaxed, direct, and fun. He is devoted to providing quality training aids such as seminars, videos, and books that enhance job performance, personal confidence, and career growth. His ability to take the intimidation out of learning is reflected in the success rate of his students – over 90% that complete his program pass their exam.

### CODE EXPERT

Mike has devoted his career to studying and understanding the National Electrical Code®, the foundation of the electrical industry. Researching the NEC all these years 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.

### AUTHOR

Mike Holt is a well-respected author and publisher of books and video 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.

### 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 Mexico, the U.S. Navy, Grand Coulee Dam, the Department of Energy, and the Department of Defense.

### THE MAN

Mike Holt resides in Central Florida, is the father of seven children, and has many outside interests and activities. In 1981 Mike learned to barefoot water ski, and by 1987, he was the highest rated barefoot water skier in the United States. In 1988 he became the National Barefoot Waterskiing Champion and set five national records. He captured the National Barefoot Waterskiing Championship again in 1999. Recently Mike began racing 1/2 scale NASCAR. Mike also enjoys white water rafting, racquetball, playing guitar, and spending time with his family. His commitment to God has helped him develop a lifestyle that balances God, family, career, and self.

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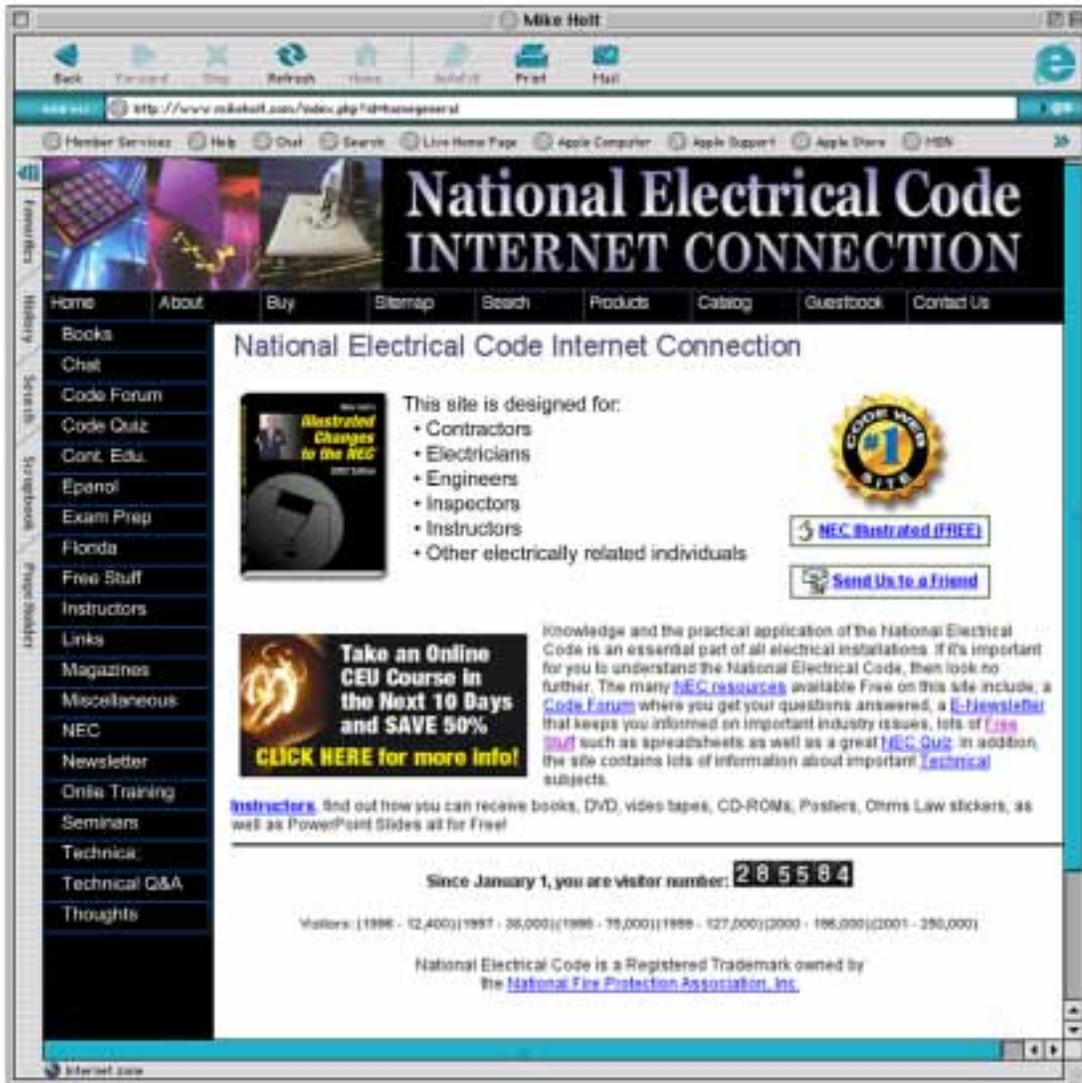


Mike has a wide variety of outstanding material for electrical trainers. Everything including textbooks, instructor guides, videos, graphics, CDs, DVDs, Raceway posters, and Ohm's Law wheel stickers are available FREE to qualified instructors. Our PowerPoint presentations available exclusively to Instructors can be customized to accommodate your

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Mike's web site is constantly being updated with the latest products along with up-to-the minute information on training, seminars, Code information, and online training. You'll also find FREE tools, graphics, booklets, and simulated exams. While there, be sure to register for Mike's FREE informative newsletters.

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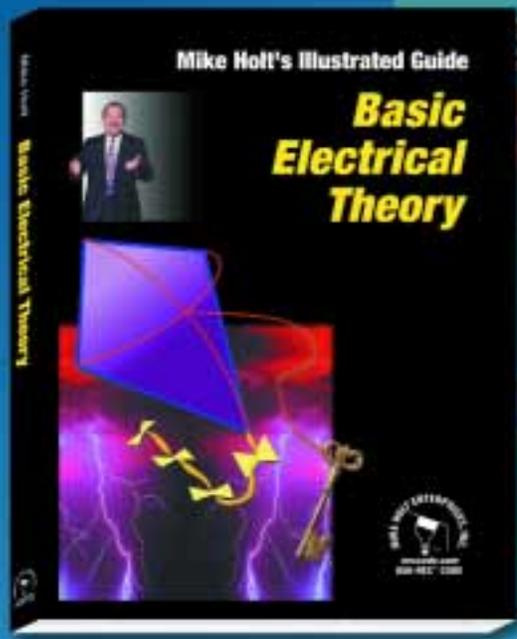
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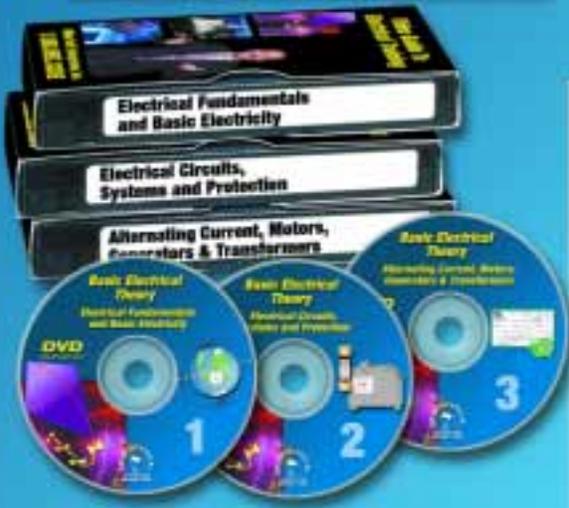
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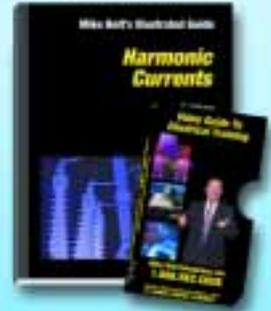


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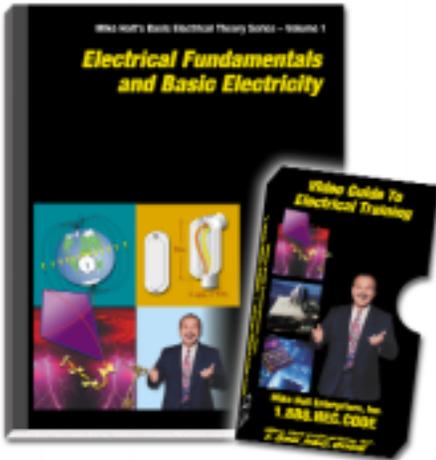
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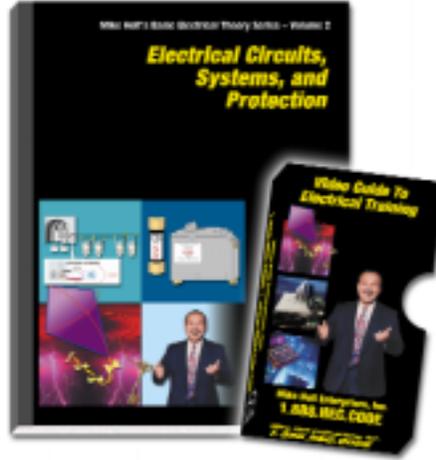
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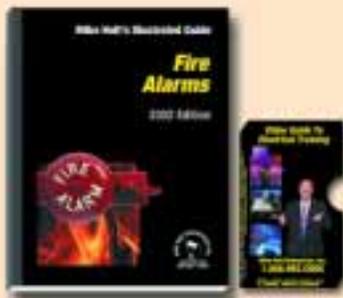


### **Alternating Current, Motors, Generators, and Transformers**

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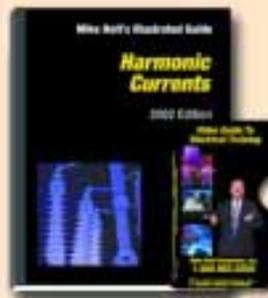
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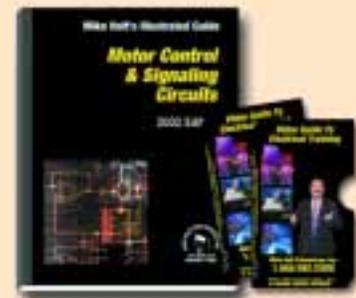
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If you want to really understand the NEC, this NEC Library is for you. Mike explains, in great detail, the history of the rule, the reason for the rule, and how to apply the Code for everyday use. This program explains the 2002 Code, how to use the NEC, general installation requirements, branch circuits, feeders, services and over-current protection, grounding and bonding, conductors, cables and raceways, boxes, panels, motors and transformers, and more.

*Understanding the NEC* Volumes 1 and 2 were written to provide insight into, and an understanding of, many of the technical rules of the NEC. These books contain clear graphics and examples.

The NEC Library (02DECO) includes *Understanding the NEC* Volumes 1 and 2, the 125-page *NEC Practice Questions* book containing more than 1,600 questions, and 9 videos.

### 2002 NEC Practice Exams

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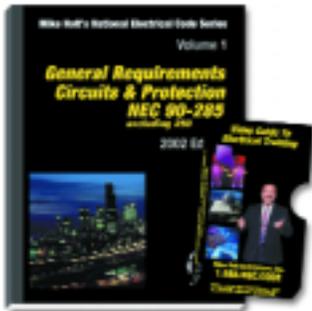
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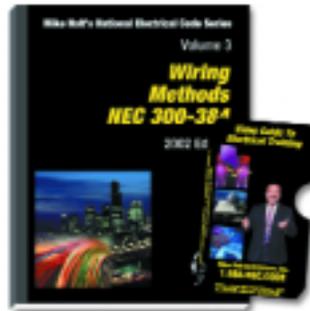
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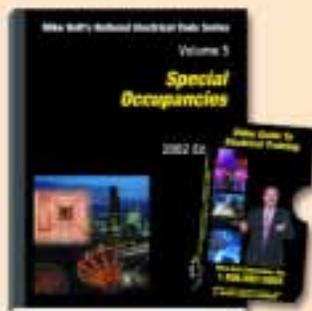


### No. 4 Equipment for General Use (NEC 400-460)

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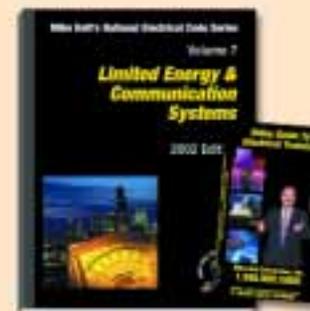
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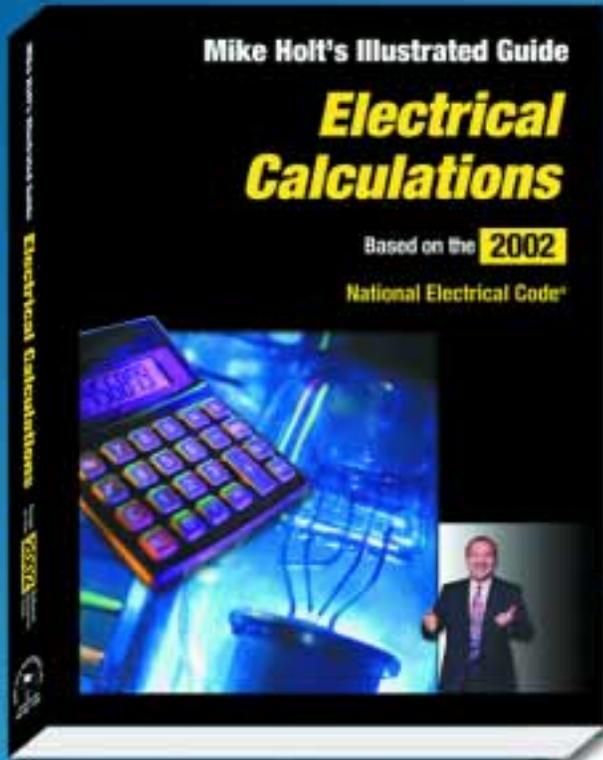
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Electrical Calculations must be mastered to become successful in the electrical trade. You must understand how to perform the important electrical calculations specified in the National Electrical Code. The textbook contains clear, easy-to-understand graphics that help you fully understand the concepts behind electrical calculations. The detailed videos taped from live classes take you step-by-step through the calculations.

If you just need Calculations then these libraries are for you. If you're studying for your Exam you may want to check out Electrical Exam Preparation libraries. (see pages 12 and 13). There you'll get the Theory and Code in addition to the Calculations material offered here.

## Illustrated Guide to Electrical Calculations Text/Workbook

260 pages, 325 graphics, and more than 700 practice questions.

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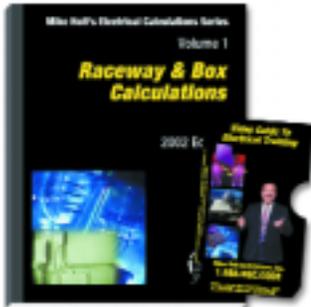
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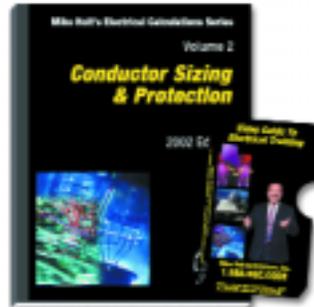
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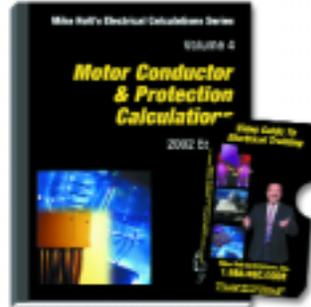
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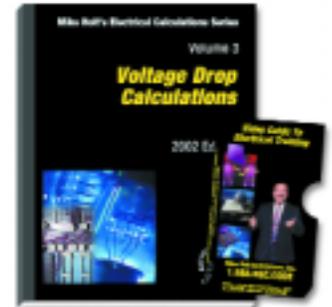
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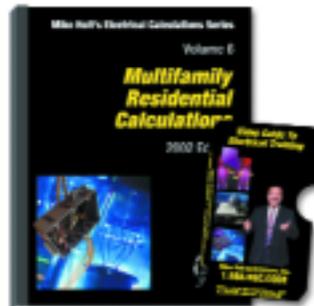
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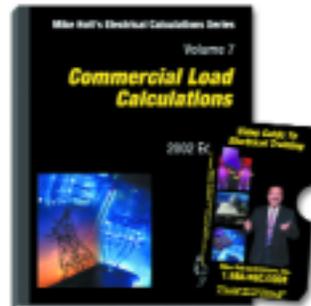
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**You save over \$725 off the individual prices.**

## Intermediate Library

If you need to pass a Journeyman exam right away, then this program is for you. Watch the videos with the illustrated textbook and work out 1,800 practice questions and you'll have it made. To pass your exam the first time, you need to study with the proper program and this one is it!

Includes the Electrical Exam Preparation book, Illustrated Changes to the NEC - 2002 Edition, four 2 hour theory review videos, two 4.5-hour NEC videos (99 edition has one 6-hour NEC video), and five 2-4 hour calculations videos.

**\$575** [02JRIN]

**\$575** [JRIN] 99 Edition



**You save over \$425 off the individual prices.**

## Electrical Exam Preparation

Printed in full color the 2002 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. 480 pages, 350 graphics.

**\$59** [02EXB]

## 1999 Electrical Exam Preparation

Same great content as above, based on the 1999 NEC.

**\$50** [EXXB]

## Simulated Journeyman Exam

Test yourself with this 7 hour Simulated Exam.

**\$20** [02JX] **\$20** [JX] (99 ed.)

**Order with Exam Prep Book and Save \$5**

**\$74** [02EPJX] **\$65** [EPJX] (99 ed.)

Visit [NECcode.com](http://NECcode.com) and try our online simulated journeyman exam. This exam simulates real-life conditions and displays results at the end of each practice session.

# Master/Contractor Electrical Exam Preparation



## Comprehensive Library

The Master/Contractor exam consists of Theory, Code, and Calculations. This comprehensive library takes the best of all worlds and combines them into one great package. This program teaches you everything you need from the ground up.

Includes: Electrical Exam Preparation book, three 4.5 hour theory videos, the Theory text/workbook, nine 4 to 5 hour NEC videos (99 edition has 6 NEC videos), the Understanding the NEC Volumes 1 and 2 textbooks, The Practice Questions book, and eight 2-4 hour calculations videos.

**\$975** [02MACO]

**\$975** [MACO] 99 Edition

**You save over \$925 off the individual prices.**

## Intermediate Library

Our best selling exam preparation program! If you have limited time and need to pass the exam as soon as possible, then this program is for you. Watch the videos with the illustrated textbook and work out 3,000 practice questions and you'll have it made.

Includes: Electrical Exam Prep book, the Illustrated Guide to Code Changes, 2002 Edition; four 2 hour theory review videos; two 4.5-hour NEC review videos (99 edition has one 6-hour video) and eight 2-4 hour calculation videos.

**\$675** [02MAIN]

**\$675** [MAIN] 99 Edition



**You save over \$750 off the individual prices.**

## Electrical Exam Preparation

Printed in full color the 2002 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. 480 pages, 350 graphics.

**\$59** [02EXB]

## 1999 Electrical Exam Preparation

Same great content as above, based on the 1999 NEC.

**\$50** [EEXB]

## Simulated Nasters Exam

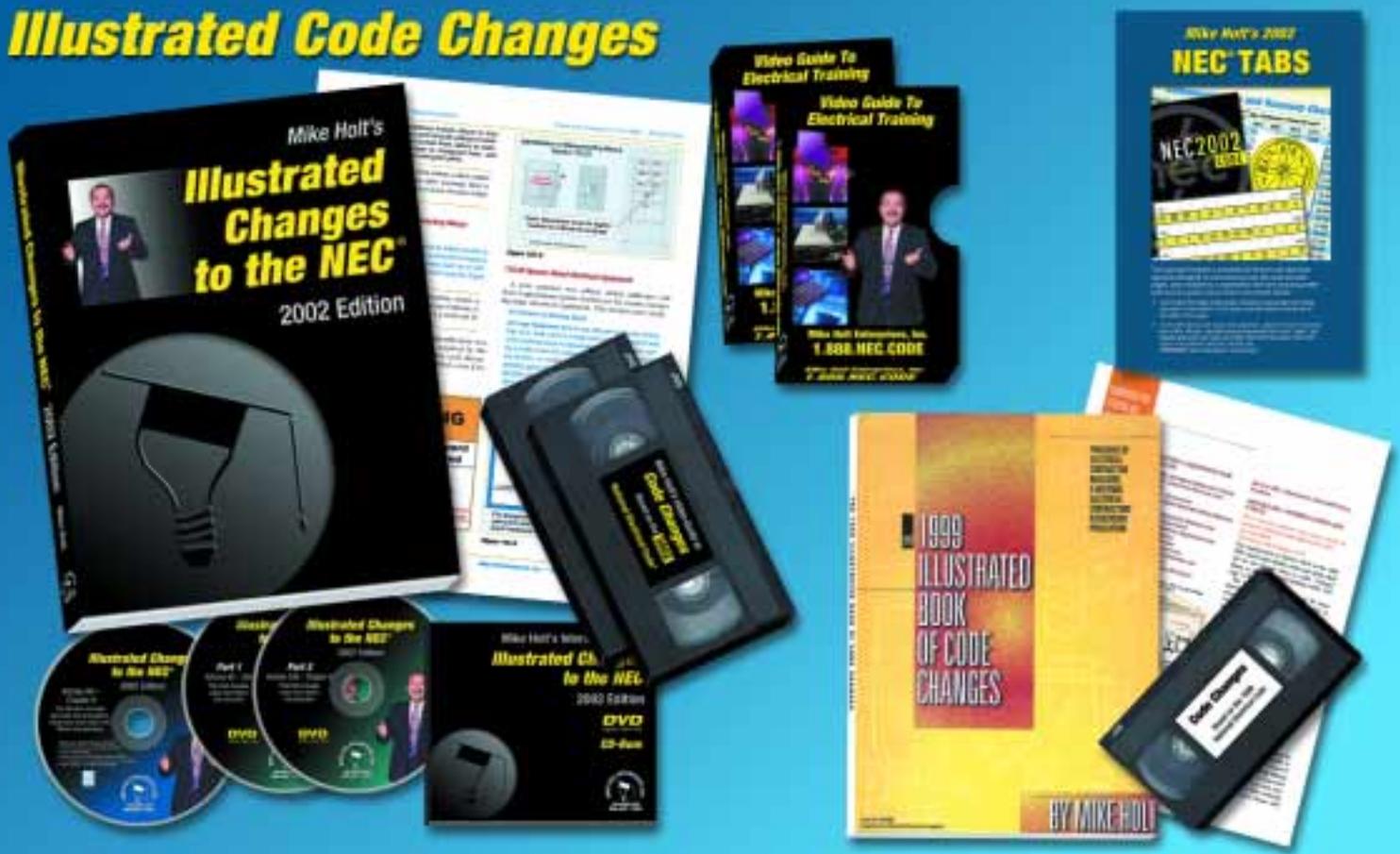
Test yourself with this 7 hour Simulated Exam.

**\$25** [02MX] **\$25** [MX] (99 ed.)

**Order with Exam Prep Book and Save \$5**

**\$79** [02EPMX] **\$70** [EPMX] (99 ed.)

# Illustrated Code Changes



The 2002 Code Change Library is a detailed review of the most important changes to the 2002 NEC. This package is a must have for everyone in the electrical industry who needs to keep up to speed with the latest changes in the NEC.

### Subjects Include:

- General Requirements
- Wiring and Protection
- Wiring Methods and Materials
- Equipment for General Use
- Special Occupancies
- Special Equipment
- Special Conditions
- Communications Systems

**Get the entire Code Change Library including: Illustrated Changes to the NEC, the Code Changes Workbook, the CD-Rom, two videos, two DVDs, and the Code Tabs.**

**\$249** [02CCP]

### Illustrated Textbook

- Full color Illustrated Changes to the NEC, 2002 Edition 200 pages with more than 175 detailed graphics.

**\$44** [02BK]

### CD-Rom

- CD-Rom includes the entire textbook along with video clips, "clickable" graphics, bookmarks, and live links to web sites.

**\$75** [02CD]

### Videos

- 9 hours of video follow the text at a relaxed pace, giving the viewer a comprehensive look at the latest NEC changes. Includes Illustrated Changes textbook.

**\$198** [02CCVD]

### DVDs

- Same as the video except in high-quality DVD format. Includes Illustrated Changes textbook.

**\$198** [02CCDVD]

### 2002 NEC Tabs

These peel and stick tabs are a great way to customize your 2002 Code book. Included with the tabs is a 16" x 20" Raceway poster and an Ohm's Law wheel sticker.

**\$10** [02TB]

Order 10 or more and pay only \$7.50 each.

### 1999 Code Changes

This book and the 6-hour video contain tips on proper electrical installations, advice or cautions to possible conflicts or confusing Code rules, and warnings of dangers related to improper electrical installations. The Illustrated Book of Code Changes contains more than 120 pages and 170 full color graphics.

**\$20** [MAGZ] Book Only

**\$139** [99VD] Book and Video

# Grounding and Bonding Library



Grounding and bonding problems are at epidemic levels. Surveys repeatedly show 90% 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 and bonding. Additionally, Mike has color coded the graphics so you can easily differentiate between grounding and 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
- Grounding of Systems and Circuits

## Illustrated Textbook

• **Grounding and Bonding** textbook is all new and printed in full color. Loaded with detailed, color coded graphics, this text gets to the root of all problems associated with grounding and bonding

**\$30** [02-NCT2] Text

## Videos

- **9 hours of video** guide you through the textbook. You'll gain valuable insight into the problems associated with Grounding and Bonding.

**\$198** [02NCV2] 2 Videos

## DVDs

- **The 2 DVD** set contains the same 9 hours of video in high quality digital video disc format.

**\$198** [02GBDVD] 2 DVDs

## CD-Rom

- **CD-Rom** contains the entire textbook in full color with loads of video clips and more than 175 full color graphics.

**\$75** [02GBCD] CD-Rom

**Save Over \$500**

## Grounding and Bonding Library

For a limited time, you can order the **Entire Grounding and Bonding Library** including the textbook, 2 videos, 2 DVDs, and the CD-Rom for only

**\$224** [02GBLIB] Library

# New Publications from Mike Holt



## Business Management 101

This workbook 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.

**\$50** [BMBK]

## Low-Voltage and Power-Limited Systems

This full color, illustrated book was written to provide insight into many of the technical rules of the 2002 NEC that apply to these systems.

**\$35** [02LV]

## Electrical Formulas with Sample Calculations

This full color, illustrated reference guide to formulas and calculations is based on the 2002 NEC, but the material covered and skills learned will last forever.

**\$24** [02FBK]

## ALSO AVAILABLE



- 2002 NEC Code book (spiral ) **\$62** [02SB]
- 2002 NEC Code book (paperback) **\$58** [02PB]
- 2002 NEC Code (electronic ) **\$100** [02ECB]
- 2002 NEC Handbook **\$110** [02HB]
- 2002 NEC Handbook (electronic ) **\$175** [02EHB]

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

## OHM'S LAW WATCH



A great gift idea. Available with gold or black background (subject to availability)

**\$50** [WTCH]

# 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, and how to accurately estimate labor cost. You'll learn how to determine your overhead, profit, and break-even point. This course also gives tips on selling and marketing your business.

Mike's video taped, home-study, live seminars are a great way to learn the art of estimating. You'll learn how to estimate and project manage residential, commercial, and industrial projects. Learn how to make more money on every job by proper estimating and project management.

## YOU WILL LEARN ABOUT:

- Bid Check List
- Bid Notes and Questions
- The Take-Off
- Determining Bill ~ Material
- Pricing and Labor Material
- Extending and Totaling
- Adjusting Material and Labor Costs
- Bid Summary (Bid Recap)
- Project Management
- The Proposal
- Selecting Estimating Software

## SUPREME PACKAGE

12 hour Video and Audio and the all new DVDs, Estimating Textbook/Workbook, and Instructor's Guide. Watch the videos at home or the office and listen to the cassettes while driving. You'll quickly learn how to make more money on every job.

**\$345** [ESTV]

## DELUXE PACKAGE

12 hour Video, Estimating Textbook/Workbook and Instructor's Guide.

**\$295** [ESDP] Videos

**\$295** [ESDPD] DVDs

## STANDARD PACKAGE

12 hour Audio, Estimating Textbook/Workbook and Instructor's Guide.

**\$195** [STES]

## ESTIMATING TEXTBOOK/WORKBOOK

250 pages and hundreds of illustrations and examples. Includes Instructor's Guide.

**\$82** [ESTB]

### Here's what our students are saying about Mike's Electrical Estimating "Live Video Program"

"I was fooling myself thinking I was making money, – in fact, I didn't really know."

"My time and money on the seminar were well spent. It was a sound investment."

"This seminar helps you find out what it costs to do a job, not what you think it will cost."

"You learn so much, you realize how much you don't know."

# Continuing Education

## ELECTRICAL THEORY

### *Electrical Fundamentals and Basic Electricity* (8 Hours CEU)

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 text and one 4.5 hour video

**\$109 [ETV1]**



### *Electrical Circuits, Systems, and Protection* (8 Hours CEU)

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 text and one 4.5 hour video.

**\$109 [ETV2]**



### *Alternating Current, Motors, Generators, and Transformers* (8 Hours CEU)

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 text and one 4.5 hour video.

**\$109 [ETV3]**



*Continuing Education Credits or course approval may vary. It is your responsibility to verify approval with your Electrical Board. CEU certificates are available for \$10.*

### *Fire Alarm Systems* (8 Hours CEU)

Learn how to design, lay out, and install fire alarm systems from the experts. This program covers closed and open loop systems, supervisory circuits, end of line resistors, pull stations, smoke detectors, and the National Electrical Code requirements from Article 760. Textbook with 6-hour video

**\$109 [FAVD]**



### *Harmonics* (8 Hours CEU)

Unusual problems have been developing recently in electrical installations such as: overheating of transformers, motors, conductors, equipment, and even raceways and boxes! Circuit breakers tripping, fuses blowing, and equipment is suddenly shutting down. The culprit is likely harmonic currents resulting from modern electronic non-linear loads such as PCs, laser printers, electronic ballasts, dimmers, welders, adjustable speed drives, etc. Textbook with 6-hour video

**\$109 [HARV]**



### *Motor Control Circuits* (16 Hours CEU)

This fully illustrated program explains terms used in motor control, common abbreviations, diagrams, and schematics. Mike explains electromagnetism, schematics, diagrams, symbols, and the uses and differences between 2 and 3-wire control circuits. Textbook with two 6-hour videos

**\$169 [MCVD]**

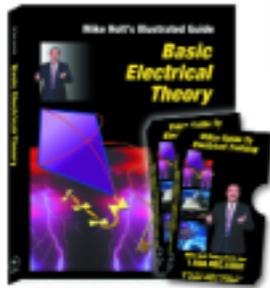


**Be sure to visit [NECcode.com](http://NECcode.com) and check out our online CEU courses. Some courses are available for FREE!**

## ELECTRICAL THEORY Continued

### Electrical Theory Review (16 Hours CEU)

This program reviews fundamental electrical concepts that provide the foundation for understanding the NEC and Electrical Calculations. The 150 page text provides hundreds of detailed illustrations, examples and problems. Subjects include: Electrical Fundamentals and Meters, Ohm's Law, Series Circuits, Parallel, Series-Parallel and Multi-wire Circuit Calculations, Alternating Current Circuits and Equipment, Motors, Generators, and Transformers. Textbook with two 6-hour videos

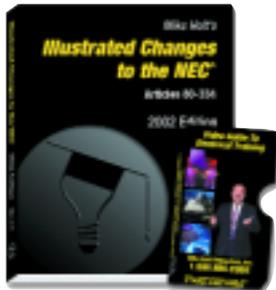


**\$169 [THYV]**

## NATIONAL ELECTRICAL CODE

### NEC Changes Articles 80-334 (8 Hours CEU)

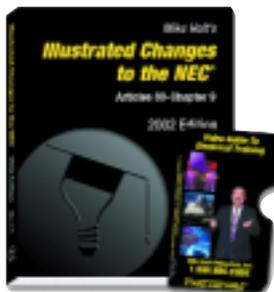
Our code change video highlights the most important changes you need to know for the new code cycle. This exclusive program includes a video of one of Mike's most dynamic live classes with a fully illustrated textbook. The textbook contains over 150 diagrams which make the change easy to understand, while Mike's exciting video reinforces the concepts. You'll feel like you're part of the class. Textbook with 4.5-hour video



**\$109 [02CCV1] Video \$109 [02DV] DVD**

### NEC Changes Articles 338-Chapter 9 (8 Hours CEU)

This Code review program covers the changes in Articles 338 through Chapter 9. Included is a video 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. Textbook with 4.5-hour video

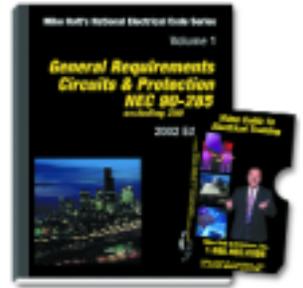


**\$109 [02CCV2] Video**

**\$109 [02DV2] DVD**

### General Requirements Articles 80-285 (excluding 250) (16 Hours CEU)

General requirements such as splices, terminals, working space, interruption rating, mechanical execution of work access, and guarding. 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. Textbook with two 4-hour videos



**\$198 [02NCV1]**

### Grounding and Bonding Article 250 (16 Hours CEU)

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. Textbook with two 4.5-hour videos



**\$198 [02NCV2] Video \$198 [02GBDVD] DVD**

### Wiring Methods Articles 300-384 (8 Hours CEU)

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, other enclosures such as cabinets, cutout boxes, switchboards, and panelboards. Textbook with 4-hour video



**\$109 [02NCV3]**

**2002 NEC Code Changes is now available as an online course!. Visit [www.NECCode.com](http://www.NECCode.com) for more details.**

# Continuing Education

## NATIONAL ELECTRICAL CODE *Continued*

### **Equipment for General Use Articles 400-460 (6 Hours CEU)**

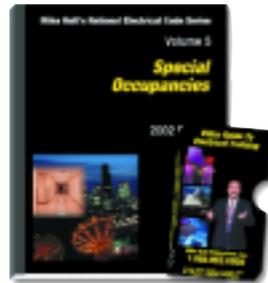
This program explains the general NEC rules that apply to appliances, electric space heating, motors, air conditioning and transformers such as, disconnects, conductor sizing, overcurrent, overload sizing, and much more. Textbook with 3-hour video



**\$99 [02NCV4]**

### **Special Occupancies (NEC 500-555) (8 Hours CEU)**

Understand the different classes, divisions, and groups. Learn requirements for motor fuel dispensing facilities, health care facilities, and more. Includes 4.5-hour video and textbook.



**\$109 [02NCV5]**

### **Special Equipment (NEC 600-702) (8 Hours CEU)**

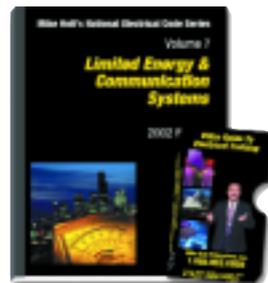
Subjects include signs, manufactured wiring systems, audio signal processing, information technology equipment, fuel cell systems, and more. Includes 4.5-hour video and textbook.



**\$109 [02NCV6]**

### **Limited Energy and Communication Systems (NEC 720-Chap 9) (8 Hours CEU)**

Subjects include Emergency systems, legally required standby systems, optional standby systems, Class 1, 2 and 3 remote control, signaling and power-limited circuits, fire alarm systems, and optical fiber cable and raceways. Includes 4.5-hour video and textbook.



**\$109 [02NCV7]**

## ELECTRICAL CALCULATIONS

### **Raceway and Box Sizing (6 Hours CEU)**

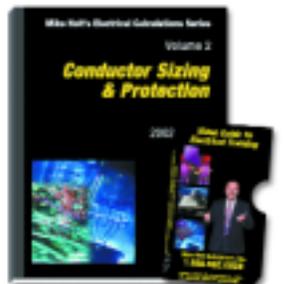
Learn how to size raceways, nipples, outlet boxes, junction boxes, pull boxes, surface raceways and wireways. Includes Articles 352, 362, 370, and Chapter 9. Textbook with 3-hour video



**\$99 [02CLV1]**

### **Conductor Sizing and Overcurrent Protection (8 Hours CEU)**

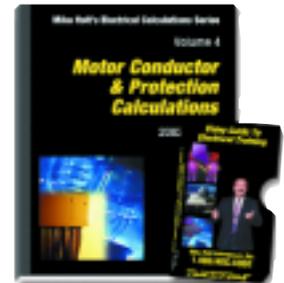
This program explains conductor ampacity calculations when corrected for ambient temperature and conductor bunching, and the effects of terminal rating on conductor sizing. Covers "next size up protection," tap rules, and much more! Includes Articles 240 and 310. Textbook with 2-hour video



**\$109 [02CLV2]**

### **Motors and Transformers (4 Hours CEU)**

Learn motor conductor sizing, overcurrent protection, and short-circuit ground-fault protection for both branch circuits and feeders. This program also explains transformer sizing and protection. Includes Articles 240, 310, 430, and 450. Textbook with 2-hour video



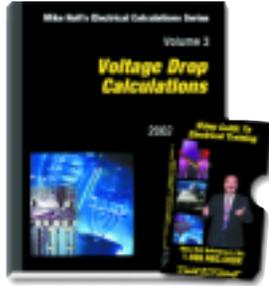
**\$79 [02CLV3]**

**Continuing Education Credits or course approval may vary. It is your responsibility to verify approval with your Electrical Board. CEU certificates are available for \$10.**

## ELECTRICAL CALCULATIONS Continued

### **Voltage Drop (4 Hours CEU)**

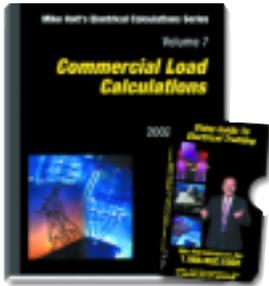
Voltage drop calculations for branch circuits and feeders are explained in great detail. Subjects covered include: wire sizing, maximum distance, voltage drop and the effects of harmonic currents, multi-wire branch circuits, copper versus aluminum, AC versus DC, metallic versus nonmetallic raceways, skin effect and eddy currents. Includes Articles 210, 215, 230, 250, and 310. Textbook with 2-hour video



**\$79 [02CLV4]**

### **Residential Load Calculations (6 Hours CEU)**

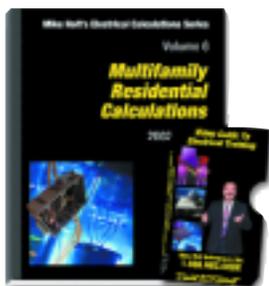
Residential branch circuit, feeder, and service calculations are covered in detail. Some subjects covered are: number of circuits, branch circuit conductor sizes and protection for air conditioning, heating, appliances, and ranges. Feeder and service load calculations for dwelling units (standard and optional methods) are covered in detail. Includes Articles 220, 240, and 310. Textbook with 3-hour video



**\$99 [02CLV5]**

### **Multifamily Load Calculations (6 Hours CEU)**

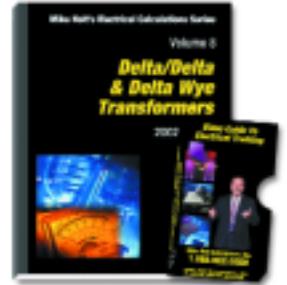
Feeder and service load calculations for multi-family buildings (standard and optional methods) are covered in detail. Includes Articles 220, 240, and 310. Textbook with 3-hour video



**\$99 [02CLV6]**

### **Commercial Load Calculations (8 Hours CEU)**

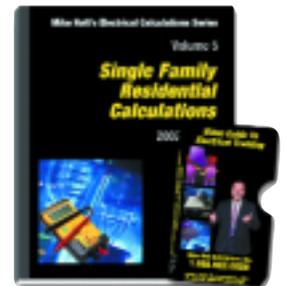
Branch circuits, feeder, and service calculations are covered in detail. Subjects include: number of circuits required, branch circuit conductor sizes and protection for air conditioning, heating, appliances, and ranges, feeder and service load calculations for offices, banks, stores, restaurants, marinas, recreational parks, mobile home parks, and more! Textbook with 4-hour video



**\$109 [02CLV7]**

### **Delta/Delta and Delta Wye Transformers (8 Hours CEU)**

Subjects include understanding voltages systems (120/240, 208Y/120, 480Y/277 single phase and three 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. Textbook with 4-hour video



**\$109 [02CLV8]**

*Continuing Education Credits or course approval may vary. It is your responsibility to verify approval with your Electrical Board. CEU certificates are available for \$10.*

# Get Great Savings with Mike's All-Inclusive Libraries

These comprehensive all-inclusive libraries offer a wealth of products at substantial savings. See which libraries meet your needs and start saving big!

The libraries listed on this page are offered at the lowest prices we can allow. No additional discounts may be used with these libraries.

## Electrical Theory

TRYT	Basic Electrical Theory Textbook	\$50
ETV1*	Electrical Fundamentals and Basic Electricity Text & 4.5-hr video	\$109
ETV2*	Electrical Circuits, Systems and Protection Text & 4.5-hr video	\$109
ETV3*	Alternating Current, Motors, Generators and Transformers Text & 4.5-hr video	\$109
HARV	Harmonics Text & 6-hr video	\$109
MCVD	Motor Control Text & two 5-hour videos	\$169
FAVD	Fire Alarm Text & 6-hour video	\$109

\* DVDs are available in place of Videos by request

### Ultimate Theory Library \$495 (UTLIB)

Includes all products listed under Electrical Theory

## 2002 Code Changes

02BK	Illustrated Changes to the NEC - 2002 Edition Text	\$44
02CCW	Workbook to Accompany Illustrated Changes to the NEC	\$24
02CCV1	Video Guide to 2002 Code Changes - Articles 90-334	\$99
02CCV2	Video Guide to 2002 Code Changes - Articles 338-Chapter 9	\$99
02DV1	2002 Illustrated Code Changes - DVD Articles 90-334	\$99
02DV2	2002 Illustrated Code Changes - DVD Articles 338-Chapter 9	\$99
02CD	Illustrated Code Changes Interactive CD-Rom	\$75
02OLP1	Online Code Change Course part 1 (8 hours)	\$109
02OLP2	Online Code Change Course part 2 (8 hours)	\$109
02TB	2002 Code Book Tabs	\$10

### Code Change Library \$249 (02CCP)

Includes all products listed under 2002 Code Changes

## 2002 Grounding & Bonding

02NCT2	Grounding & Bonding - 2002 Edition Text	\$30
02NCV2	Video Guide to Grounding and Bonding (9 hours - 2 videos)	\$198
02GBDVD	Grounding & Bonding DVD (9 hours - 2 discs)	\$198
02GBCD	Grounding & Bonding Interactive CD-Rom	\$75

### Grounding and Bonding Library \$224 (02GBLIB)

Includes all products listed under 2002 Grounding and Bonding

## 2002 NEC

02NCV1	General Requirements Text & two 4-hr videos	\$198
02NCV2	Video Guide to Grounding and Bonding (9 hours - 2 videos)	\$198
02NCV3	Wiring Methods and Materials Text & 4-hr video	\$109
02NCV4	Equipment for General Use Text & 3-hr video	\$99
02NCV5	Special Occupancies Text & 4.5-hr video	\$109
02NCV6	Special Equipment Text & 4.5-hr video	\$109
02NCV7	Limited Energy & Communication Systems Text & 4.5-hr video	\$109

### NEC Library \$499 (02DECO)

Includes Understanding the NEC, Vol. 1 and 2 which includes all subjects and videos listed under 2002 NEC

## 2002 Calculations

02CLV1	Raceway & Box Sizing Text & 3-hr video	\$99
02CLV2	Conductor Sizing & Overcurrent Protection Text & 2-hr video	\$109
02CLV3	Motors & Transformers Text & 2-hr video	\$79
02CLV4	Voltage Drop Text & 2-hr video	\$79
02CLV5	Residential Loads Text & 3-hr video	\$99
02CLV6	Multifamily Loads Text & 3-hr video	\$99
02CLV7	Commercial Loads Text & 4-hr video	\$109
02CLV8	Delta & Wye Transformers Text & 4-hr video	\$109

### Master Calculations Library \$459 (02CADM)

Includes Electrical Calculations text which includes all subjects and videos listed under 2002 Calculations

### Ultimate 2002 NEC Training Library \$699 (02ULTLIB)

Includes all products listed under 2002 Code Changes, 2002 Grounding and Bonding, and 2002 NEC

### Ultimate In-House Training Library \$1,795.00 (02UTP)

Includes:

- Ultimate Theory Library
  - Code Change Library
  - Grounding and Bonding Library
  - NEC Library
  - Master Calculations Library
- a \$3,100 value.

The libraries listed may include "full-version" textbooks. These contain the same material as the individual titles in one easy to follow textbook. The individual videos listed would, of course, be included with each library.

## What Customers Are Saying About Mike's Products

Thank you for the review book. We have used publications from many other authors, but we have never seen a publication that cuts right to the chase the way Mike's does.

The detailed graphics are enhanced by the introduction of full-colors. I will strongly recommend further review by our textbook committee the use of several of Mike's other training materials in our programs.

Sincerely,  
Robert Dixon

I am so impressed with the copies of the "Illustrated Changes to the NEC" and "Electrical Exam Preparation." I am taking these copies to an Instructor's meeting tonight for our orientation to the soon to start 2002/2003 year.

Thanks so much for the gift of these outstanding documents. I've been in this business as an Instructor, Contractor, Engineer, Electrician and Foreman for more than 42 years and these are the best instructional and resource documents I've seen yet. Keep up the good work. I hope I can direct more orders your way.

Curt Hedges, Instructor  
Puget Sound Electrical JATC

The new 2002 books are out of this world. The new style of printing paper, the layout and especially the brilliant colors really does the trick. I have always thought that your books were a lot more professional than others because of the content and the book itself. But now you have really surpassed everyone else.

Keep up the good work and don't go back to the old layout.

Thanks,  
Frank C. Morris, CBO, CEAP  
Tri-State Consultants and Professor for Bossier  
Parish Community College

Just want you to know of the success of your program here at San Juan College. Understanding the NEC is a big hit. My class is full and I've had to turn away students. I have had very good reports from the graduates who are happy they took your course. They say it gives them improved status among their peers. We are considering to also offer the part 2 in addition to part 1 and this I believe would be a big plus for the program.

May the Lord bless you very much  
Mark Jones

Mike:

I just finished your Grounding DVD's, and they were awesome. You did a great job with the video clips at the end of each of the sessions: this made the program more like a hands on class.

Your attitude towards the code is right on the money, this was my first year as an alternate on CP-13 and I was amazed at how special interests played a part in the code making process.

Keep up the great work, the industry badly needs people of your caliber.

Duke Schamel  
Copperhead Electric, Inc.  
2560 W. Woodland Dr.  
Anaheim, CA 92801

Dear Mike,

I just wanted to write you to tell you how very thankful I am to you for the 99 masters prep book you wrote. It was very easy to use and very helpful. I live in Baltimore and work for the utility here as an electrician. Unlike most of my coworkers I never attended a formal apprenticeship program. Just a vocational school when in high school, where I took the electrical program. The book was so understandable and the calculations so easy to learn.

Again many thanks, GOD Bless you ,  
john mcintyre

Mike's material just gets better and better!

Today I received the power point to accompany the exam prep book and I am so excited to teach using this material. I am including your exam prep book in with next years 5th year students.

I started using your material back in 1995 and have benefited greatly by using it. I scored a 94% on my journeyman test and a 96% on my Masters test a few years later.

Thanks to you all and to you Mike for all of the hard work and the time you have put into the industry.

Especially for making this material available to us instructors and keeping it affordable.

Thanks again Mike and Sarina for your help on my career!

Jeff A. Grovom  
Master Electrician # 6114EM

# PRODUCT CODES AND PRICING

## 2002 Titles

### 2002 Electrical Theory (see pages 6 and 7)

□ TRYT	Basic Electrical Theory Textbook	\$50
□ ETLIB	Standard Theory Library	\$275
□ UTLIB	Ultimate Theory Library	\$495
□ ETV1	Electrical Fundamentals and Basic Electricity Text & 4.5-hr video	\$109
□ ETV2	Electrical Circuits, Systems, and Protection Text & 4.5-hr video	\$109
□ ETV3	Alternating Current, Motors, Generators, and Transformers Text & 4.5-hr video	\$109
□ HARV	Harmonics Text & 6-hr video	\$109
□ MCVD	Motor Control Text & two 5-hour videos	\$169
□ FAVD	Fire Alarm Text & 6-hour video	\$109

### 2002 NEC (see pages 8 and 9)

□ 02UND1	Understanding the NEC Vol 1 Textbook	\$59
□ 02UNDT2	Understanding the NEC Vol 2 Textbook	\$45
□ 02PQ	NEC Practice Questions Textbook	\$40
□ 02PEX	NEC Practice Exams Textbook	\$25
□ 02DECO	Understanding the NEC Library	\$499
□ 02NCV1	General Requirements text & two 4-hr videos	\$198
□ 02NCV2	Grounding and Bonding Text & two 4.5-hr videos	\$198
□ 02NCV3	Wiring Methods Text & 4-hr video	\$109
□ 02NCV4	Equipment for General Use Text & 3-hr video	\$99
□ 02NCV5	Special Occupancies Text & 3-hr video	\$99
□ 02NCV6	Special Equipment Text & 3-hr video	\$99
□ 02NCV7	Limited Energy/Communication Systems Text & 3-hr video	\$99

### 2002 Electrical Calculations (see pages 10 and 11)

□ 02UNCT	Electrical Calculations Textbook	\$50
□ 02CADE	Electrical Calculations Journeyman	\$299
□ 02CADM	Electrical Calculations Masters	\$459
□ 02CLV1	Raceway and Box Sizing Text & 3-hr video	\$99
□ 02CLV2	Conductor Sizing and Overcurrent Protection Text & 4-hr video	\$109
□ 02CLV3	Voltage Drop Text & 2-hr video	\$79
□ 02CLV4	Motors and Transformers Text & 2-hr video	\$79
□ 02CLV5	Residential Loads Text & 3-hr video	\$99
□ 02CLV6	Multifamily Loads Text & 3-hr video	\$99
□ 02CLV7	Commercial Loads Text & 4-hr video	\$109
□ 02CLV8	Delta and Wye Transformers Text & 4-hr video	\$109

### 2002 Electrical Exam Preparation Journeyman (see page 12)

□ 02EXB	Electrical Exam Preparation Textbook	\$59
□ 02JRIN	Journeyman Exam Prep Intermediate Library	\$575
□ 02JRCO	Journeyman Exam Prep Comprehensive Library	\$875
□ 02JX	Journeyman Simulated Exam	\$20

### 2002 Electrical Exam Preparation Master/Contractor (see page 13)

□ 02EXB	Electrical Exam Preparation Textbook	\$59
□ 02MAIN	Masters Exam Prep Intermediate Library	\$675
□ 02MACO	Masters Exam Prep Comprehensive Library	\$975
□ 02MX	Masters Simulated Exam	\$25

### 2002 Illustrated Code Changes (see pages 14 and 15)

□ 02BK	Illustrated Changes to the NEC Textbook	\$44
□ 02CCW	Illustrated Changes to the NEC Workbook	\$24
□ 02CCVD	Illustrated Changes Videos (Two – 4.5 hrs.)	\$198
□ 02CD	Illustrated Changes CD-Rom	\$75
□ 02CCDVD	Illustrated Changes DVDs (Two – 4.5 hrs.)	\$198
□ 02TB	Code Book Tabs	\$10
□ 02SB	2002 NEC Code Book (spiral bound)	\$62
□ 02PB	2002 NEC Code Book (paperback)	\$58
□ 02OLP1	Online Code Change Course part 1 (8 hours)	\$89
□ 02OLP2	Online Code Change Course part 2 (8 hours)	\$89

### 2002 Grounding and Bonding (see page 15)

□ 02NCT2	Grounding and Bonding Textbook	\$30
□ 02NCV2	Grounding and Bonding Text and Videos (2 tapes/9 hours)	\$198
□ 02GBCD	Grounding and Bonding CD-Rom	\$75
□ 02GBDVD	Grounding and Bonding DVDs (2 DVDs/9 hours)	\$198

### New Publications (see page 16)

□ BMBK	Business Management 101	\$50
□ 02LV	Low-Voltage and Limited-Power Systems	\$35
□ 02FBK	Electrical Formulas with Sample Calculations	\$24
□ WTCH	Ohm's Watch	\$50

### Electrical Estimating (see page 17)

□ ESTB	Electrical Estimating Textbook/Workbook	\$82
□ ESTV	Electrical Estimating Supreme	\$345
□ ESDP	Electrical Estimating Deluxe	\$295
□ STES	Electrical Estimating Standard	\$195

### Continuing Education Products (see item descriptions on pages 18, 19, 20, and 21)

#### 2002 Library Programs (see page 21)

□ 02GBLIB	Grounding and Bonding Library	\$224
□ 02CCP	2002 Code Change Library	\$249
□ 02ULTLIB	Ultimate NEC Library	\$699
□ 02ETPK	In-House Training Library	\$1,495
□ 02UTP	All-Inclusive Library	\$1,795

## 1999 Titles

### 1999 NEC (see pages 8 and 9)

□ UND9	Understanding the NEC Vol 1 Textbook	\$53
□ UN92	Understanding the NEC Vol 2 Textbook	\$35
□ 99DE	NEC Practice Questions Textbook	\$40
□ DECO	Understanding the NEC Library	\$399
□ NCV1	General Requirements Text & 6-hr video	\$109
□ NCV2	Grounding and Bonding Text & 4-hr video	\$139
□ NCV3	Wiring Methods Text & 4-hr video	\$109
□ NCV4	Cords, Fixtures and Receptacles Text & 3-hr video	\$99
□ NCV5	Hazardous Locations Text & 3-hr video	\$99
□ NCV6	Articles 600-830 Text & 3-hr video	\$99
□ SPGB	1999 NFPA 70 National Electrical Code Book	\$58

### 1999 Electrical Calculations (see pages 10 and 11)

□ UNCT	Electrical Calculations Textbook	\$50
□ CADE	Electrical Calculations Journeyman	\$269
□ CADM	Electrical Calculations Masters	\$399
□ CLV1	Raceway and Box Sizing Text & 3-hr video	\$99
□ CLV2	Conductor Sizing and Overcurrent Protection Text & 4-hr video	\$109
□ CLV3	Voltage Drop Text & 2-hr video	\$79
□ CLV4	Motors and Transformers Text & 2-hr video	\$79
□ CLV5	Residential Loads Text & 3-hr video	\$99
□ CLV6	Multifamily Loads Text & 3-hr video	\$99
□ CLV7	Commercial Loads Text & 4-hr video	\$109
□ CLV8	Delta and Wye Transformers Text & 4-hr video	\$109

### 1999 Electrical Exam Preparation Journeyman (see page 12)

□ EEXB	Electrical Exam Preparation Textbook	\$50
□ JRIN	Journeyman Exam Prep Intermediate Library	\$575
□ JRCO	Journeyman Exam Prep Comprehensive Library	\$875
□ JX	Journeyman Simulated Exam	\$20

### 1999 Electrical Exam Preparation Master/Contractor (see page 13)

□ EEXB	Electrical Exam Preparation Textbook	\$50
□ MAIN	Masters Exam Prep Intermediate Library	\$675
□ MACO	Masters Exam Prep Comprehensive Library	\$975
□ MX	Masters Simulated Exam	\$25

### 1999 Illustrated Code Changes (see page 14)

□ MAGZ	99 Illustrated Book of Code Changes	\$20
□ 99VD	99 Code Changes Video	\$139



# See Page 20 For Details On Mike's All-Inclusive Libraries

