



**THE INFORMER NEWSLETTER**  
 A bimonthly newsletter for the electrician is now being published. Keep abreast with the ever changing electrical industry. 2008 Code updates in each issue along with many other educational articles. Order your subscription TODAY! \$16 per year.

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 Code Electrical Classes Inc.  
 and Bookstore**

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**THE ELECTRICIANS BOOKSTORE**

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E-mail: tomhenry@code-electrical.com

**•NOW ON LINE SHOPPING <http://www.code-electrical.com>**

# TOM HENRY'S

CODE ELECTRICAL CLASSES INC.

and BOOKSTORE

## 2011 CATALOG

"Read the books the electricians read"



**HVAC TECHNICIAN  
 ELECTRICAL  
 By Tom Henry**

*See Page 12!*



### ULTIMATE



**DON'T EVER THINK OF PREPARING FOR AN ELECTRICAL EXAM WITHOUT Tom Henry's "ULTIMATE" CODE BOOK!**

Check with your Building Department and Testing agency on when the 2011 NEC will be enforced. If you don't have a 2008 ULTIMATE you may want to order one while the supply lasts. 2011 & 2008 Hi-lited & Tabbed. Page 2

**NOW AVAILABLE** a complete 14 DVD Program on how to install the PV Solar System correctly to the manufacturer's specification to maintain the customers warranty.



•Included in the PV installation program is the workbook used in the classes we teach which contains photo copies of the 322 Power Point Slides to follow along with the DVDs

**The 14 DVDs contain:**

- Roof Top Safety •The Site Assessment •Roof layout measurements, Torque Tools-Torque Specs •Grounding of the rails, torquing specifications •Lagging into the roof, Installing the rail system •Following the Code •Roof Installation •Torquing, grounding and wiring the system •Applying Code Article 690 to the PV system •Installing the Enphase micro-inverter AC system •Designing the PV Solar system •Final check out, troubleshooting the system •Installing the dual-axis tracker, start to finish •Batteries, designing different types of systems •Cleaning, inspection and maintenance •Summary

**••Check out the video at [www.code-electrical.com](http://www.code-electrical.com)**

**SHOP ONLINE AT : [www.code-electrical.com](http://www.code-electrical.com)**

**1 - 800 - 642 - 2633**

## Tom Henry Electrical Books & Study-Aids

Exam Preparation - Journeyman and Master	9 thru 18
Latest "Tom Henry" Books "HVAC"-----	11 & 12
Pre-Exams - Journeyman or Master (6 hours)	31
Closed Book Questions on Playing Cards	28
<b>Discount Pricing</b>	<b>19</b>
Humor Books	12
Tom Henry "Spanish" Titles	12
Tom Henry's Electrician Evaluation Exams	30
The "Informer Newsletter"	40

## Tom Henry DVD/Video and Audio



Journeyman and Master Exam Series DVD's	20 thru 22
Taking an Electrical Exam with Tom Henry	23
Contractor's Business Law Exam DVD	23
"A Walk Through the Electrical Code" with Tom Henry	24
Grounding & Motor Controls DVD's	25
Swimming Pool Installation DVD	25
Conduit Bending DVD	26
Electricity in Motion DVD	27
Closed Book (NO BOOK) Exam Preparation Audio CD's	28
<b>Learn To Be An Electrician</b>	<b>29</b>

## Books

Electrical	37
Estimating, Motor Control & State Exam Books	36
Mechanical & Plumbing	38
Tesla, Nikola	33

## Code Books



<b>ULTIMATE</b> , Code Plus package & Elite	2,3
Paperback, Looseleaf & Handbook	5

## Code Book Additions

Ammunition Combo	4
Formula Inserts & Reminders for the Electrician	6
<b>Key Word Index &amp; Code Book Tabs</b>	<b>3</b>

## Gift Ideas

Electrical Education Kits	35
<b>Learn To Be An Electrician</b>	<b>29</b>

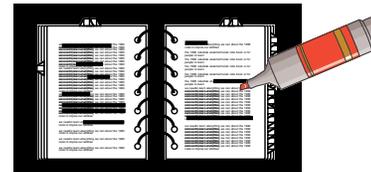
## Miscellaneous Items

Belt Buckles	32 and 34
Calculators	38
Ohms Law License Plate	31
Ohms Law Watches, Wall Clocks, Hats, etc.	34
Faraday Light	34
Barbeque - Smoker	40

# 2011 & 2008 ULTIMATE

## THE ULTIMATE CODE BOOK - IT WORKS!

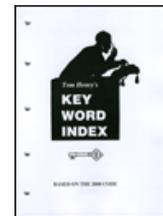
Aren't you tired of hunting, digging, and scratching to find something in the Code Book? Stop spending all that time when you can find it in seconds using the **ULTIMATE** Code book. Ask the thousands of electricians, contractors, designers, inspectors, etc. that have one if it works.



**Over 2,100 of the most frequent referenced areas of the Code are hi-lited for quick reference!**

## PERSONALLY HI-LITED!

The 68 tabs include the most frequent referenced areas of the Code



The "**ULTIMATE**" Code package includes the **2011** NEC looseleaf, **Tom Henry 68 TABS** (installed), **KEY WORD INDEX**, **REMINDER BOOK**, 14 pages of **FORMULA INSERTS**, plus over 2,100 **KEY** Code references **HI-LITED!** **ITEM #720 - Price \$199.00**  
**"2008" Ultimate ITEM #520 - Price \$199.00**



**ITEM #719** - The "**COMPLETE-PLUS**" Code package includes the 2011 LOOSELEAF, Tom Henry TABS (installed), KEY WORD INDEX, REMINDER BOOK, 14 pages of FORMULA INSERTS. (The "Complete-Plus" is **NOT** hi-lited). Price **\$149.00**

**ITEM #721** - The "**ELITE**" Code package includes the 2011 LOOSELEAF, Tom Henry TABS (installed), KEY WORD INDEX, REMINDER BOOK, 14 pages of FORMULA INSERTS, plus over 2100 **KEY** Code references **HI-LITED** in a special simulated leather black cover that has one secretarial pocket, one horizontal pocket, three business or credit card pockets, two pen loops, and pagelifters. Price **\$295.00** For the boss!!



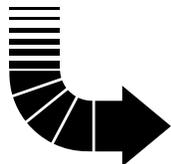
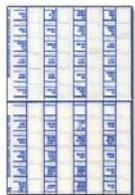
**ITEM #714 KEY WORD INDEX**

**THE BIG SELLER!** The **KEY WORD INDEX** is a MUST for every person in the electrical industry that uses the Code Book! This book is included in the Ammunition Combo, see page 4.

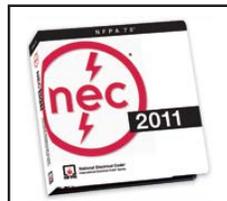
Tom Henry first wrote this book for the 1990 Code and it was revised for 93, 96, 99, 02,05, and 08. Now it's for the **2011** Code. Ask an electrician if he has a **KEY WORD INDEX** and he'll answer "IT WORKS"! Now you can find what you're looking for in the Code Book in seconds! Price **\$18.00**

**ITEM #713 CODE BOOK TABS**

Tom Henry's famous "BLUE & WHITE" tabs. These **68** tabs are designed for everyone in the electrical industry that uses the Code book. Price **\$13.00**  
 Tabs are also included in the Ammunition Combo, see page 4.

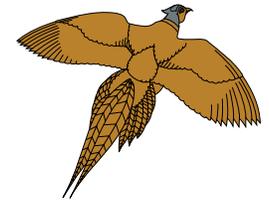
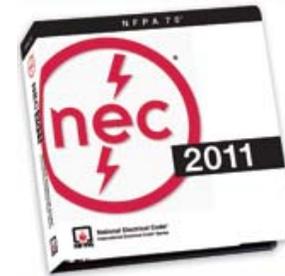


**68 TABS ONLY \$13 WHY PAY MORE FOR LESS?**



THESE TABS FIT ALL THE 2011 CODE BOOKS!

# AMMUNITION COMBO



You wouldn't go hunting with a gun and NO ammunition! Then why hunt around in the Code book without the ammunition??

**AN EMPTY GUN**




- NO TABS
- NO KEY WORD INDEX
- NO FORMULA INSERTS
- NO REMINDER BOOK

Have you ever wondered why they don't want you to use a **Key Word Index** when taking an exam? It contains NO answers!

To pass an exam it requires the proper study techniques. First you must be able to find the answer in the Code book within a limited time.

You must spend your valuable preparation time getting familiar with as many areas of the Code book as possible. Use your **Key Word Index** to do this, then leave it at home when you take the exam. You won't need it, for now you have familiarized yourself with the difficult areas of the book.

If you have an empty gun, or a gun with the competitor's tabs (*we sell scissors*) now is your chance to load up and have successful hunting!

**ITEM #722 AMMUNITION COMBO** includes items #713 TABS, #714 KEY WORD INDEX, #716 FORMULA INSERTS, and #715 REMINDER BOOK. **\$50.00**



## 2011 & 2008 CODE BOOK PRICES



**CALL 1-800-642-2633**

### 2011 CODE

ITEM #710	<b>2011 National Electrical Code</b> <b>SOFTBACK</b> book	\$89.00
ITEM #711	<b>2011 National Electrical Code</b> <b>LOOSELEAF</b> book	\$99.00
ITEM #712	<b>2011 National Electrical Code</b> <b>HANDBOOK</b>	\$149.00
ITEM #719	<b>2011 COMPLETE PLUS</b>	\$149.00
ITEM #720	<b>2011 ULTIMATE</b>	\$199.00
ITEM #721	<b>2011 ELITE</b>	\$295.00
ITEM #713	<b>2011 TABS</b>	\$13.00
ITEM #716	<b>2011 INSERTS</b>	\$6.00
ITEM #714	<b>2011 KEY WORD INDEX</b>	\$18.00
ITEM #715	<b>2011 REMINDERS</b>	\$18.00
ITEM #722	<b>2011 AMMUNITION COMBO</b>	\$50.00

### 2008 CODE

ITEM #611	<b>2008 National Electrical Code</b> <b>LOOSELEAF</b> book	\$99.00
ITEM #519	<b>2008 COMPLETE PLUS</b>	\$149.00
ITEM #520	<b>2008 ULTIMATE</b>	\$199.00
ITEM #521	<b>2008 ELITE</b>	\$295.00
ITEM #613	<b>2008 TABS</b>	\$13.00
ITEM #616	<b>2008 INSERTS</b>	\$6.00
ITEM #614	<b>2008 KEY WORD INDEX</b>	\$18.00
ITEM #615	<b>2008 REMINDERS</b>	\$18.00
ITEM #622	<b>2008 AMMUNITION COMBO</b>	\$50.00



## FITS IN THE LOOSELEAF CODE

**ITEM #716 FORMULA INSERT PAGES** - Tom Henry's 14 pages of calculation formulas and formats. Formulas for exact K, for voltage drop, efficiency, ohms law, kva, transformers, ambient corrections, nipple fill, motor calculation steps, motor va, etc.....

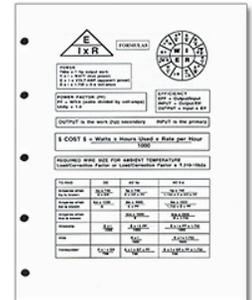
Pages are pre-drilled to fit the Looseleaf Codebook. Excellent guide to have in your Code book.

8 1/2" x 11" FOR THE 2011 CODE

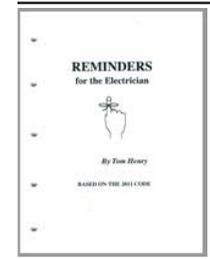
### HAVING TROUBLE REMEMBERING ALL THOSE FORMULAS?

SNAP THESE 14 PAGES INTO YOUR 2011 LOOSELEAF CODE BOOK!

**ORDER YOUR FORMULA INSERT PAGES TODAY!!**



**ITEM #716 - \$6.00**



**ITEM #715**- Tom Henry's "Reminders For The Electrician" 8 1/2" x 11" book contains 65 pages of useful formats and formulas for the everyday Electricians needs.

The pages are perforated and **pre-drilled to fit in your looseleaf 2011 Code book. \$18.00**

### CONTENTS OF BOOK SHOWN BELOW

Key Words-Service Load Calculation Format-Household Cooking Demands-Optional School Calculation-80% Rules-Receptacles-Minimum Size Service-Dwelling Formats-Electrodes-Service Drop Clearances-Burial Depths-Box Fill - Conduit Fill-Insulation Types and Ratings-Ohms Law Formulas Horsepower - Tons Refrigeration-Interpolate Motor Currents-Actual Conductor Diameter-Electrical - Mechanical Degrees-Neutral Balancing-Neutral Current in a Wye-Transformer Connections-Autotransformer-Current and Potential Transformer -Open Delta - High Leg Delta-Classifications of Voltages-Reading of the KWH Meter-Bus Bar Ampacity,Circular Mil-Circle,Circumference,CSA- Insulation Damage Temperatures-Ambient Temperatures - Melting Points-3-way and 4-way Switch Connections-Motor Control Connections-Electrical Symbols-Abbreviations-Weights and Measurements-Thermometer Scale-Drill Bit and Tap Sizes-Hole Saw Size for Conduits-Conduit Fitting Dimensions-Area of Square Inch-Eli The Ice Man- RMS, Maximum, Electron Movement-MOTORS, Universal - Shaded-Pole-Motors, Split-Phase-Motors, Capacitor-Start-Motors, Wound-Rotor - D.C.-Motors, Three-Phase-Motors, Synchronous-Motors, Rotor-Stator-Motor Connections - Three-Phase.

# Tom Henry's Electrical Exam

Best Selling Books to Prepare You for the Electrical Exam...



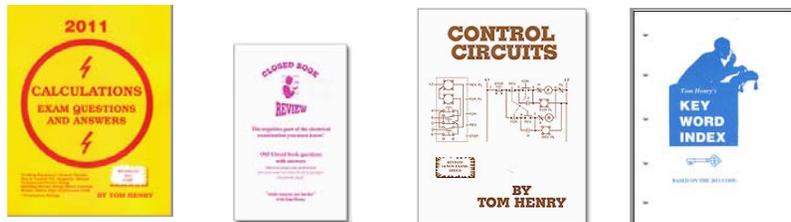
**ITEM #101 Ohm's Law, Electrical Math and Voltage Drop Calculations.** A bigger and better book, now includes theory, magnetism, harmonics, power loss, alternators, generators, etc. Explains the neutral, voltage drop, simple formulas for math, etc. **Over 100 Questions & Answers! \$26.00**

**ITEM #102-11 Journeyman Electrician Exam Questions and Answers.** An excellent study-aid for the helper, apprentice, or electrician in preparing for the Journeyman exam. Contains **16** closed-book exams & **20** open-book exams. An ideal book to study the Code! **Over 1800 exam questions with answers & Code References. \$29.00** **ITEM #102-08 Based on the 2008 Code ..... \$29.00**

**ITEM #103-11 Master Electrician Exam Questions and Answers.** Designed to advance the electrician in the Code from the Journeyman level. **14** closed-book exams & **16** open-book exams take you cover to cover in the Code. **Over 1820 actual exam questions with answers. \$29.00**

**ITEM #103-08 Based on the 2008 Code ..... \$29.00**

**ITEM #104 Transformer Exam Calculations.** Popular easy-study format covers Single & Three Phase, Delta-Wye, Load Balancing, Neutral Calculations, Open & High-Leg Delta, Etc.. **Over 100 calculations & answers! NOW INCLUDES SHORT CIRCUIT & IMPEDANCE. \$26.00**



**ITEM #105-11 Calculations for the Electrical Exam.** Contains **9** chapters of solid calculation instruction. Covers Branch Circuits, Ampacity, Motors, Taps, Box/Conduit Sizing, Cooking Equipment, Commercial & Dwelling Calculations & MORE! **OUR BEST SELLER!! Includes practice exams & answers! \$39.00** **ITEM #105-08 Based on the 2008 Code ..... \$39.00**

**ITEM #447 CLOSED BOOK REVIEW.** With the "NEW" exam format the closed book questions are now called "NO BOOK" questions. How many answers do you have to "NO BOOK" questions? This book contains 365 questions that should be studied and researched. **\$17.00**

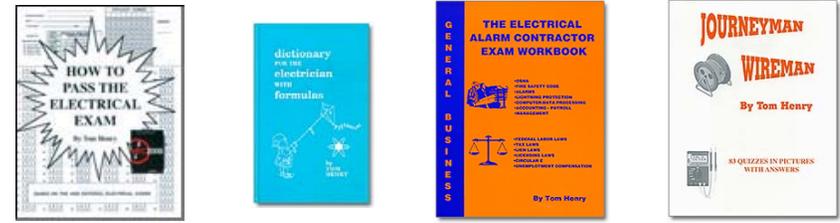
**ITEM #107 Control Circuits** is an excellent book. A most requested book to make control circuits easy to understand for the electrician that is unfamiliar with controls. This is a very troublesome area on the exam for some. This book has all the control questions I've seen asked! **\$26.00**

**ITEM #714 - 2011 KEY WORD INDEX.** Every key word in the Code book put into an index with page numbers. Now you can find it in the Code in seconds! **This is the book the electrical industry is raving about.** Don't be without one! **OVER 5000 WORDS! ..... \$18.00**

**ITEM #614 Key Word Index Based on the 2008 Code ..... \$18.00**

# Study-Aid Books

Written for the Electrician by an Electrician...

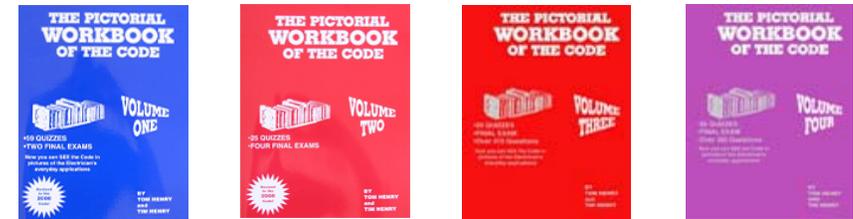


**ITEM #109-08 - How To Pass The Exam** is the "icing on the cake"! After reviewing the other study-aid books work this one and you'll know if you're ready to take the exam. **\$26.00**

**ITEM #110 - Dictionary for the Electrician with Formulas.** Tom Henry's favorite reference book! This dictionary defines the language used in the construction field. **But more than a dictionary, this book contains many Formulas, Diagrams & Reference Charts. \$26.00**

**ITEM #115 - The Electrical Alarm Contractor Workbook.** An excellent book to prepare you for the Burglar & Fire Alarm exam. Covers OSHA, UL, NFPA, Business Law, Loop Circuits & MORE! THE book to have in preparing for this exam! **Includes hundreds of exam questions with answers! \$26.00**

**ITEM #171 - Journeyman Wireman.** Excellent book to help prepare an electrician for the mechanical aptitude test which many areas include in the license exam. Contains **83 quizzes** in pictures with answers!! **A must book for apprenticeship programs! \$26.00**



**ITEM #198-08- The Pictorial Workbook of the Code - Volume One.** The Code book in pictures. Volume One starts at the beginning: Articles 90, 100, 110, 200, 210 & 215. A must book for every electrical training program! Now you can "learn" the Code! Answers to 59 quizzes and two final exams. **\$29.00**

**ITEM #236-08- The Pictorial Workbook of the Code - Volume TWO.** Volume Two covers Articles 220 thru 240 in pictures. Answers to 25 quizzes and four final exams included with book. **\$29.00**

**ITEM #243 - The Pictorial Workbook of the Code - Volume THREE.** The Code book in pictures. Volume Three covers Articles 280 thru 398 in pictures. Over 415 questions with answers included. **\$29.00**

**ITEM #244 - The Pictorial Workbook of the Code - Volume FOUR.** The Code book in pictures. Volume Four covers Articles 400 thru 490 in pictures. Over 390 questions with answers included. **\$29.00**



**Call 1-800-642-2633 Today!  
OR FAX (407) 671-6497**



# Tom Henry's Electrical Exam

Best Selling Books to Prepare You for the Electrical Exam...

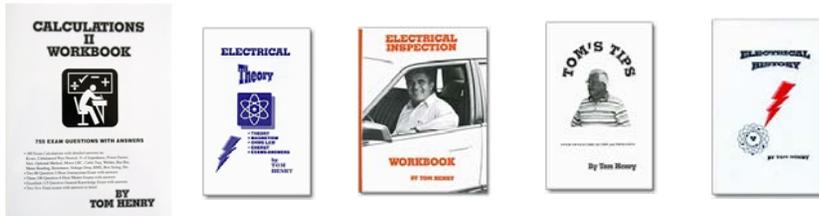


**ITEM #245 - Hazardous Locations Workbook of the Code.** If you're wiring gas stations, hospitals, nursing homes, paint spraying facilities or other classified locations, you need this workbook of pictures! Over 120 questions with answers and Code references included **\$29.00**

**ITEM #197 - The Grounding Workbook** designed for training programs to take the mystery out of grounding. Tom Henry's favorite book! **Every person** in the electrical industry should work the 27 exams this book contains. *Answers included in back of book on perforated pages.* **\$36.00**

**ITEM #449 ELECTRICIAN'S PICTORIAL DICTIONARY.** You've heard the saying "a picture is worth a thousand words." Every electrician should be familiar with the equipment and tools of his profession. **\$15.00.**

**ITEM #283 - ELECTRICAL DESIGNING WORKBOOK.** Over 375 pages filled with designing of the electrician's everyday needs. Avoid re-pulling THHN conductors because you didn't understand the ampacity and terminal rating. The many variables that apply to correct wire sizing are fully explained in detail. Excellent book for training programs. **\$39.00**



**ITEM #325 - Calculations II Workbook.** If you're taking the I.C.C. Master exam in Texas you need this book to practice the calculations on transformer impedance, fault-current calculations, the capacitor kvar questions, etc. ( A must for the I.C.C. exam) **\$26.00**

**ITEM #326 - Electrical Theory.** The Electrical Theory book covers the atom, valence shell, energy, inertia, magnetism, motors, generators, sine wave, impedance, transformers, inductance, etc. The book contains 10 practice exams and a final exam. Answers are explained easily in detail **\$21.00**

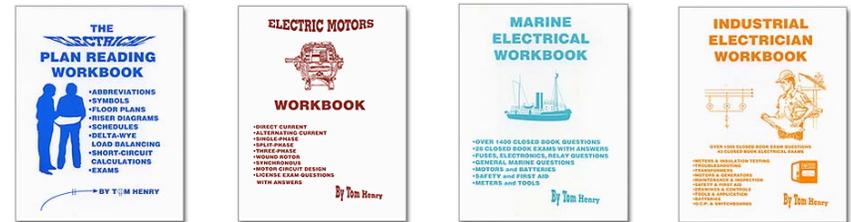
**ITEM #298 - Electrical Inspection Workbook.** 12 chapters include: The Inspector, Rough-In, The Service, Grounding, Plan Reading, Fault Currents, Pools, Emergency Systems, Signs & Hazardous Locations, Miscellaneous Inspections, Final Inspection, Final Inspectors Exam. **\$34.00**

**ITEM #400 - Tom's Tips.** Over 130 electrical tips and thoughts. Excellent pencil drawings, Carter System, Hole Locator, GFCI, HACR, Inertia, Job Site Volts Wagon, Remember the Maine, Pop-up Toaster, Romex Payoff reel, Tandem Breakers, Torque, Ufer Ground, Water Analogy, Removing KO's, Centering Mast Hole, etc., etc.....Price **\$15.00**

**ITEM #324 - Electrical History** (hard cover). This book was written in appreciation of the more than 15 million men and women that work in the electrical industry to keep the lights burning every second, every minute, 24 hours a day, everyday. **\$12.00**

# Study-Aid Books

Written for the Electrician by an Electrician...



**ITEM #276 - The Electrical Plan Reading Workbook.** An excellent workbook for training programs as it starts with symbols and abbreviations, etc. The workbook includes 14 exams with answers to test what has been learned. **\$26.00**

**ITEM #323 - ELECTRIC MOTORS WORKBOOK.** This workbook is recommended for every electrical classroom and every electrician preparing for an electrical exam. Contains 15 exams with 250 motor questions & answers on perforated (easy to remove) pages for the classroom instructor. **\$24.00**

**ITEM #322 - MARINE ELECTRICAL WORKBOOK.** Contains 28 closed book exams with answers, 236 pages. An excellent electrical exam preparation book as it contains over 1400 closed book questions with answers. Many questions on theory, safety, first-aid, tools, motors, batteries, etc. **\$24.00**

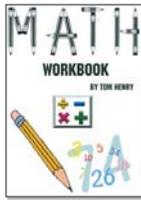
**ITEM #344 INDUSTRIAL ELECTRICIAN WORKBOOK.** The workbook for the electrical person working in the electrical industry. This book contains over 1000 closed book questions. 43 closed book electrical exams with answers. Questions on reading a multimeter, reading a megohmmeter, ground detectors, troubleshooting control circuits, safety & tool questions, three-phase transformers, etc. 316 pages. **\$26.00**

## Business Law Books by Tom Henry



**Item #609 - This book covers the Contractor's Business law for the State of Florida.** Topics include; Organizing and Managing a Business, Licensing, Estimating and Bidding, Contracts, Project Management, Risk Management (Insurance and Bonding), Safety (OSHA), Labor Law, Financial Management, Tax Law (Circular E, etc) and Construction Lien Law. Also included are exams on each Chapter, 6 complete Business Law exams, special formula's for calculation's, 50 question calculation exam, and over 450 question's with answer's and solution's. **\$35.00**

**Item #600 - This book cover's the Contractor's Business Law for all the State's.** Topics include; Organizing and Managing a Business, Licensing, Estimating and Bidding, Contract's, Project Management, Risk Management (Insurance and Bonding), Safety (OSHA), Labor Law, Financial Management, Tax Law (Circular E, etc.), and Construction Lien Law. Also included are exams on each Chapter, 6 complete Business law exams, special formula's for calculation's, 50 question calculation exam, and over 400 question's with answer's and solution's. **\$35.00**

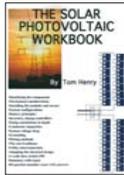


### "The Math Workbook."

Unfortunately, math is often the most disliked and least understood subject taught in school. This usually results from a failure, either on the part of the teacher or student, to appreciate the practical usefulness of math. Problems are considered merely as "numbers," and the student never really knows how this information was obtained and can be used in later life. As a result, the student sees no good reason why they should attempt to understand even the most basic operations. What does this have to do with taking an exam? The answer is this, without understanding basic math operations, you cannot hope to pass an exam or be successful in the construction industry. **Item #819 - Price \$19.00**

### The Solar Photovoltaic Workbook

Photovoltaic solar systems are being installed throughout the U.S. in states like California (where it had to have 20% renewable energy by 2010), Florida, New Jersey, New York and many other states where financial incentives are available, the solar business is booming! Solar power systems are rapidly growing over 30% per year segment of the residential and commercial electrical systems market. This workbook written by **Tom Henry** will take you from start to finish in designing and calculating the equipment and wire sizes. The book includes a 60 question installers exam with answers. Several states now require this exam. Start your future today and enter into employment THAT IS THE FUTURE! **Item #810 - \$45.00**



### "The Electricians Workbook."

I started my electrical apprenticeship in 1956. Back in those days you were studying to become a skilled craftsman in a trade. Back then you were taught to "train your brain before you test it." Now after 50 years in the electrical industry I'm not sure what is being taught and tested. I'm not sure how many "electricians" are out there. Many are referred today as "electrical workers" or "installers."

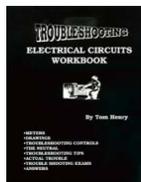
It is my personal opinion that this book contains the type of exam questions a person should be asked to determine if they have the cognitive knowledge to install an electrical circuit properly. This is an excellent book for an apprentice or training class as it contains exams with answers in which to grade the student. **ITEM #671 - \$36.00**



### "Troubleshooting Electrical Circuits Workbook."

I wrote this book to introduce troubleshooting so the electrician can keep the lights on and the machinery running. I have found in my travels and teaching, from the questions being asked to me, that there is a definite need for a book on troubleshooting electrical circuits. In today's society it's a different world than when I served my apprenticeship in the 1950s. Back then an electrician was to troubleshoot and find the fault and *repair it*. Today we live in a world of part changers in most instances. Today the technician is not taught how to repair the fault in a television just change out the board. Same with your automobile, the mechanic hooks the vehicle up to a computer and it will tell them which part needs replaced. It's a different world! But, when it comes to the everyday electrical problems in residential or commercial buildings there is no computer or diagnostic check. The electrician still is required to find the fault and repair it. **ITEM #672 - \$28.00**

This is an excellent follow-up book after working "The Electricians Workbook." It would be best to order both books at a combo price - **ITEM #673 "The Electricians Workbook." and "Troubleshooting Book" - \$59.00**

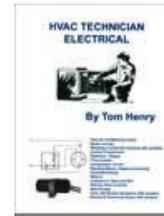


### "Swimming Pool Installation"

I contracted to have a swimming pool installed so I decided to video the installation and write a book as I feel there is a void in this area. I learned quite a bit from this experience and I'll share it with you. The book covers NEC Article 680 in detail with pictures, comments and exams with answers. The One hour DVD shows the pool installation from start to finish, I've never been able to find a video like this. A great DVD for a homeowner considering installing a pool. A great DVD for the electrician as it shows the electrical installation.

**ITEM #674 "Swimming Pool Workbook" - \$26.00 ITEM #675 DVD - \$39.00**

**ITEM #676 BOTH "Swimming Pool Workbook" and DVD for - \$59.00** this combo is the best value!

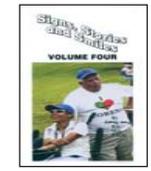


### HVAC Technician Electrical by Tom Henry!

In this volatile economy, a stable career is a difficult thing to find. HVAC technicians are always needed as we all use these systems in our everyday lives. Not only do things break and need repaired, but residential HVAC systems generally need replaced after 10 years and will require experienced and well-trained technicians to handle the replacements. Replacing systems due to concerns regarding their environmental impact has also become much more common in recent years and has increased the amount of work available to the well trained technician. Start your HVAC career today with Tom Henry! Over 190 pages with questions and answers HVAC Technician Electrical starts with

the elementary basic circuit with a pictorial diagram and we will build a schematic diagram one circuit at a time identifying the symbols with a legend. **ITEM # 821 ..... \$45.00**

## Humor Books by Tom Henry



**ITEM #106 - "Above The Ceiling"** is the book for humor. It will make you smile! Tom Henry has compiled 40 years of "one-liners" with graphics. **Above The Ceiling \$12.00**

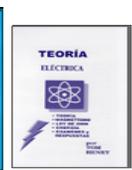
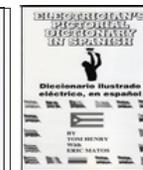
**ITEM #448 - SIGNS, STORIES and SMILES Volume One.** My qualifications to write a book on humor start at age eighteen when I started serving my electrical apprenticeship under several Irish electricians on the railroad. How's that for a good start! I have always injected humor into my teaching over the years. I have fun in my work. I have a sense of humor and a sense for humor. I like joy; I want to be joyous, I want people to smile, and I want to make people laugh, that's what I want. **"306 pages of smiles!" \$12.00**

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**ITEM #517 - SIGNS, STORIES and SMILES Volume Three. \$12.00**

**ITEM #667 - SIGNS, STORIES and SMILES Volume Four. \$12.00**

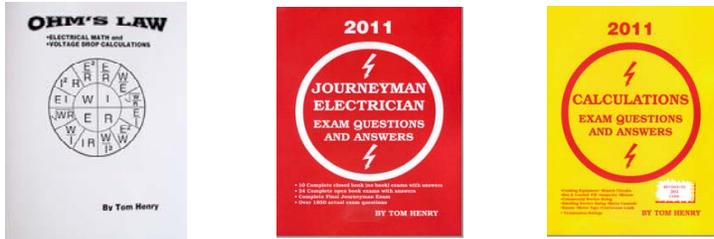
## Tom Henry's Spanish Edition Electrical Books



Item

- #623 Ohm's Law / Ley de Ohm, Matemática para la Electricidad y Cálculos para Cída de voltaje.....\$28.00
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- #604 Tom's Tips / Consejos de Tom .....\$17.00
- #605 Dictionary for the Electrician with Formulas / Diccionario para el Electricista con Fórmulas..... \$28.00
- #606 Conduit Bending Workbook / Libro de trabajo Doblando Conductos.....\$23.00
- #650 Electrical Theory / Teoría Eléctrica..... \$23.00

**JOURNEYMAN COMBO #1**



**ITEM #112-11 Journeyman Combo #1**

This package helps you prepare for the Journeyman exam. It consists of Tom Henry's Study-Aids: #101, 102 & 105 and it takes you from a helpful review of Ohm's Law through the Journeyman requirements in the Code, and on into Calculations. For \$70.00, this set of books saves you \$24 over the cost of these study-aids if purchased individually! Total price **\$70.00**

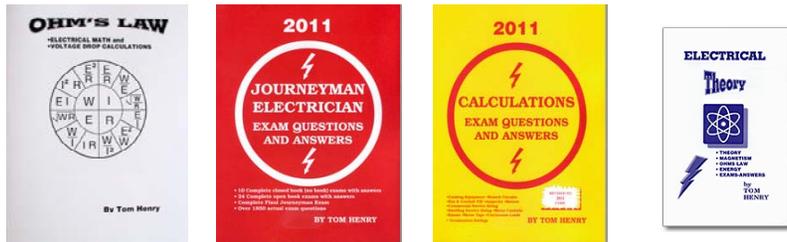
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**JOURNEYMAN COMBO #2**

**Special Journeyman Combo**

**THIS 4 BOOK SET IS A MUST!**

**ONLY \$85**



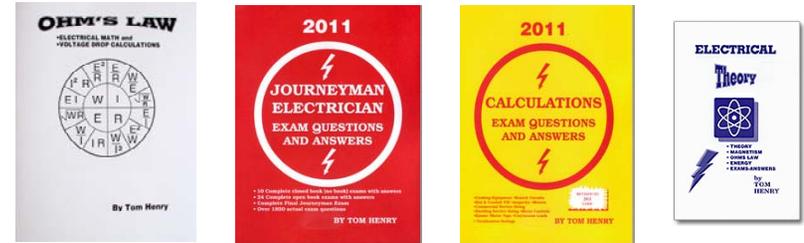
**ITEM #113-11 Special #2 Journeyman Combo**

This solid four book package helps you prepare for the Journeyman exam. It consists of Tom Henry's Study-Aids: #101,102,105 & 326 and it takes you from the book **Electrical Theory** to a helpful review of Ohm's Law through the Journeyman requirements in the Code, and on into Calculations. For \$85.00, this set of 4 books saves you \$30 over the cost of these study-aids if purchased individually!

Total price **\$85.00** **ITEM #113-08 Based on the 2008 Code ..... \$85.00**

**THE BIG SELLER**

**JOURNEYMAN COMBO #3**



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Total price **\$109.00**

**ITEM #187-08 Based on the 2008 Code ..... \$109.00**

**JOURNEYMAN COMBO #4**



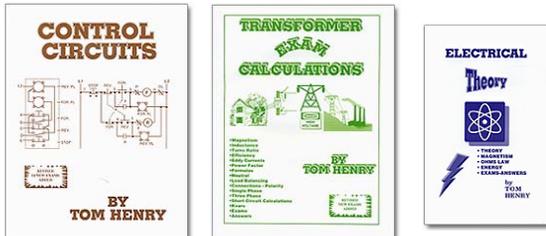
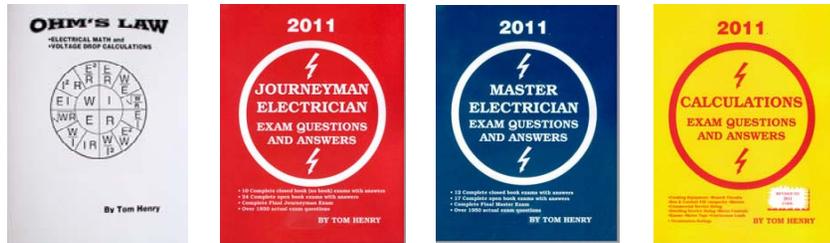
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Total price **\$169.00** **ITEM #194-08 Based on the 2008 Code ..... \$169.00**

**Call 1-800-642-2633 Today!**

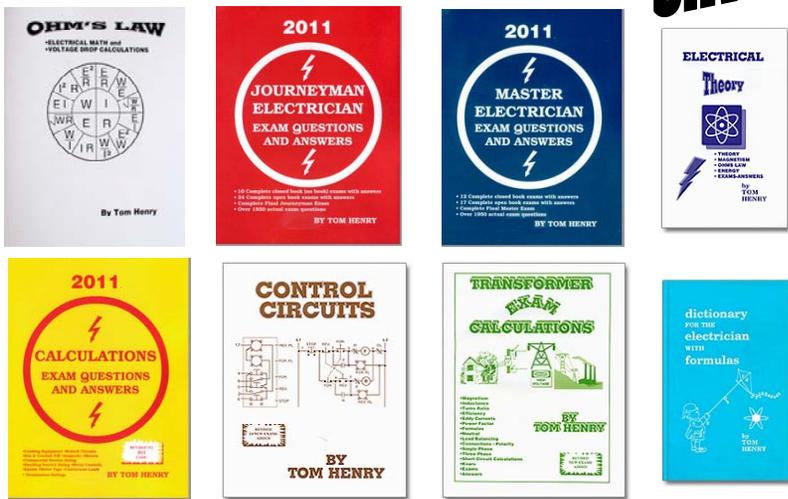
**ELECTRICAL CONTRACTOR - MASTER EXAM COMBOS**

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ITEM #222-08 Based on the 2008 Code ..... \$169.00

**ELECTRICAL CONTRACTORS' Special Combo**



**MASTER COMBO #3**

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**THE BLOCKBUSTER**

**SAVE \$70**



**SAVE \$70**



ITEM #223-11 - **Master Combo #3**-This is Tom Henry's big 11 book set of study-aids for the electrical contractor which includes burglar and fire alarms. Also Administrative Law questions which are becoming a part of most Master exams. Save \$70 on this combo.

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THE CONTRACTOR'S CHOICE!

30 of Tom Henry's books for \$16.63 per book when purchased as a library! **The TOP seller !!!!!!!**



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\$16.63 per book!

## BEST OF TOM HENRY 5 BOOK COMBO

Excellent study guides for apprentices, electricians, technical schools, inspectors, instructors teaching the Code and even for the electrical engineer that had zero hours of code study at the University.



ITEM #456 - The 5 volumes "The Pictorial Workbook of the Code" covers the first five chapters of the code in pictures. The first four chapters, I have always referred to as "the meat of the code."

There's a tremendous amount of work that must be done in electrical training. The one area I feel we are lacking in is "learning" the Code. You can't just read the Code book, it must be taught to you. "Now you can SEE the Code in pictures of the Electrician's everyday applications!"



Contains 1,721 Code questions with answers, 165 quizzes or exams, 9 final exams with answers and Code references.

**Item #456 5 Book Combo \$125.00**

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Do you have internet access? If so check our commerce enabled website.

- Full of new information for the electrician
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Instruction & Training



<http://www.code-electrical.com>  
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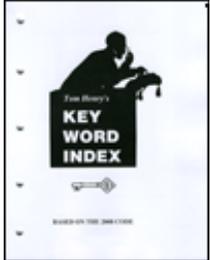
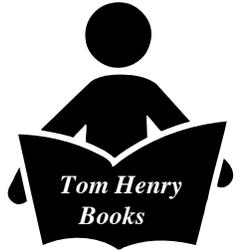
# DISCOUNT SALE



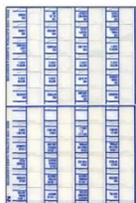
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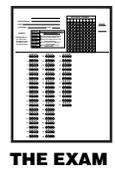
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EACH DVD IS 75-90 MINUTES



DVD # 501-08 - "**The Exam**". Explains in great detail how to prepare for an electrical exam. It will test the electricians knowledge on the closed book part of the exam dealing with theory, definitions, burial depths, etc. This video also tests ones knowledge in the open book part of the exam explaining the careful reading of *key words*. This video contains worksheets with questions and answers.



### OHMS LAW - THEORY

DVD #502-08 - "**Ohms Law & Theory**". Makes Ohms law easy to understand. It explains the symbol letters, covers series circuits, parallel and series-parallel circuits, inductive and capacitive reactance, impedance, harmonics, neutral, etc. Every subject needed for the exam! Includes a worksheet with questions and answers.



### VOLTAGE DROP & RESISTANCE

DVD #503-08 - "**Voltage Drop - Resistance**". Takes you through the Code requirements and resistance tables for voltage drop. How to use the formulas and solve the "*exact K*" factor. Understanding these calculations is a very important part of the exam. Includes worksheets with questions and answers.



### AMPACITY CORRECTION FACTORS

DVD #504-08 - "**Ampacity Correction Factors**". Takes the electrician on a walk through the ampacity tables to learn the *correct* method for sizing conductors. This is the *most violated* calculation in everyday wire sizing. All of the notes, correction factors, notes on derating, the \*, etc. are explained on this video. The correct use of THHN wire on 60° or 75°C rated terminations. This video includes a worksheet with questions and answers.

Our DVD-R's are compatible with the vast majority of DVD players made after 2001. If you have an older DVD player, or one that does not support the DVD-R format, it may not play these DVD's. If you have a problem with a DVD, please contact Code Electrical Classes Inc.

## TOM HENRY'S EXAM SERIES ON DVD

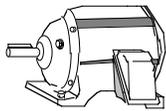
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EACH DVD IS 75-90 MINUTES



**MOTORS**

DVD #505-08 - "**Motors**". Takes you through the 6 steps of motor calculations from the F.L.C. to the sizing of the feeder overcurrent device. Explains the next higher standard size fuse or breaker, largest motor, single-phase motors on a three-phase system, overloads, wound-rotor, service factors, etc. Includes worksheets with questions and answers.



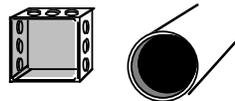
**COOKING EQUIPMENT DEMAND FACTORS**

DVD # 506-08 - "**Cooking Equipment Demand Factors**". Covers the hard to understand tables on household and commercial cooking equipment demand factors. The notes are fully explained. The video covers the sizing of the neutral, 1  $\phi$  ranges on a 3  $\phi$  system, home economics classroom demand, etc. Includes two worksheets with questions and answers.



**DWELLING-RESIDENTIAL SERVICE SIZING**

DVD #507-08 - "**Dwelling-Residential Service Sizing**". Starts at the minimum size *100 amps* and works up from there! You must understand the code rules for a dwelling if you want to pass an exam! The video covers the sizing of the grounding electrode conductor, neutral sizing, notes, etc. Includes a worksheet with questions and answers.



**BOX and CONDUIT SIZING**

DVD #508-08 - "**Box and Conduit Sizing**". Takes you on a walk explaining the Code Tables 314.16a & b, Tables 4 and 5 and Annex C with 82 pages on conduit fill! The video covers the confusing *with or without a cover* for selecting the correct area of square inch. This video also includes 2 worksheets with questions and answers.

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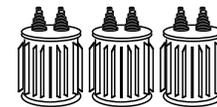
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EACH DVD IS 75-90 MINUTES



**SINGLE-PHASE TRANSFORMERS**

DVD #509-08 - "**Single-Phase Transformers**" Explains the theory involved, ratios, volt-amps, efficiency, power factor, input, output, skin effect, eddy current, phase, balancing loads, neutral calculations, etc. Includes worksheets with questions and answers.



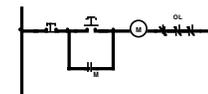
**THREE-PHASE TRANSFORMERS**

DVD #510-08 - "**Three-Phase Transformers**" Makes the *very troublesome* exam calculation very easy to understand for the electrician. A simple to follow 1 to 4 format designed by Tom Henry to answer the delta-wye questions. The video covers phase amps, line amps, efficiency, kva, delta high-leg, open-delta, balancing, etc. A *must* video if you are taking a master electrician exam! Worksheets included.



**COMMERCIAL-MULTI-FAMILY SERVICE SIZING**

DVD #511-08 - "**Commercial-Multifamily Service Sizing**" Walks you through the step by step format to determine the *minimum size* service to a school, restaurant, motel, apartment, etc. The video covers the receptacle demand, multioutlet assemblies, show window demands, sign requirements, etc. Includes 4 work sheets with questions and answers.

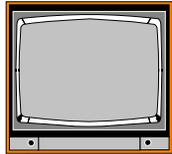


**MOTOR CONTROL - SWITCH CONNECTIONS**

DVD #512-08 - "**Motor Control-Switch Connections**" Explains schematics, interlocks, sequence, relays, motor starters, contactors, 3-way and 4-way switch connections, etc. A *must video* if you're taking an exam! Includes 3 worksheets with questions and answers.

Our DVD-R's are compatible with the vast majority of DVD players made after 2001. If you have an older DVD player, or one that does not support the DVD-R format, it may not play these DVD's. If you have a problem with a DVD, please contact Code Electrical Classes Inc.

# TAKING AN ELECTRICAL EXAM WITH TOM HENRY



*I can't take an exam for you, but I can take an exam with you!* Now you can work a full 6-hour electrical exam and Tom Henry will personally go over each answer with you and provide tips.



These Dvd's are the *icing on the cake* for those preparing to take an electrical examination.

**ITEM #432 Taking the Exam with Tom Henry DVD Series with a 6-hour Exam Workbook .....\$125.00**

## THE CONTRACTOR'S BUSINESS LAW EXAM



Because the construction business may be easy to get into, many enter without sufficient business management skills. Over 85% of contractor failures result from business reasons, not from lack of trade skills. Over one-third of these failures were less than five years from starting the business. Construction businesses succeed mainly because of careful planning and implementation. The days of throwing your tools in the trunk of your car and calling yourself a contractor are gone.

Success on the Business-Law exam starts well before you enter the examination room. You must become familiar with the reference book and know where to find the answers. Being unfamiliar with the exam and searching for the answer takes time, and time is limited to approximately two minutes per question. Highlighting is one of the most important study aids. As you answer the exam practice questions hi-lite the answers in your reference book.

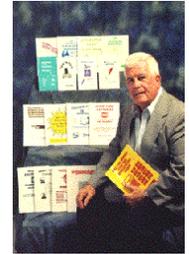
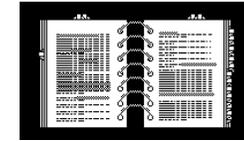
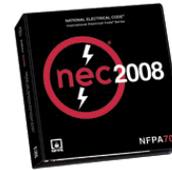
With Contractor's Business and Law calculations there are only a few categories that you need to be familiar with and understand how to solve. Categories that require a calculation are:

- Employees pay check
- Percentage of completion of a project
- Progress payment
- Job cost
- Net worth
- Working capital
- Profit
- Contract price

These categories will be covered in the 50 calculation exam questions you receive with the dvd, and 50 the calculation exam questions will be answered on the dvd. Several questions will be asked from the same category only the numbers will change. After finishing the exam turn on the video and I'll go over each answer.

[ ] #680 Business Law DVD & 50 Question test by Tom Henry \$65.00

# "A Walk Through The Electrical Code" with Tom Henry



## 12 Action Packed DVD's!!!



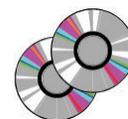
Let Tom Henry take you for a walk through the Code, an experience you will remember for a lifetime. Tom Henry has over 50 years of experience and will story tell sections of the code with actual experiences he has had as an instructor of over 20,000 students, as an inspector at Walt Disney World, as an author of over 40 books and as a master electrician in the field.

He has read thousands of Code change proposals of accepting and rejecting them over the years to learn the intent of the Code.

There is a tremendous amount of work that must be done in electrical training. The one area I feel we are lacking in is "learning" the Code. You can't just read the Code, it must be taught to you and clearly explained.

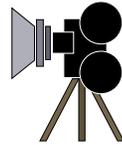
Designed for individual study or excellent for training programs. This is the program the Code instructor has been looking for in the vocational school. Electrical engineers can benefit from this program in learning the Code as they have had zero hours of Code instruction in the four years at the university. Each Dvd is 70 minutes or longer.

Item #677 - A Walk Through the Electrical Code / 12 DVD's \$399.00



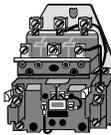
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# AWARD WINNING DVD's BY TOM HENRY GROUNDING



ITEM #368-08 Grounding DVD (90 minutes) .....\$49  
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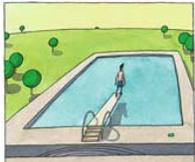
## CONTROL CIRCUITS



ITEM #370-08 Motor Control DVD (110 minutes).....\$49  
 ITEM #371-08 Motor Control DVD & Workbook .....\$59

### \*\*Grounding / Motor Control Package\*\*

ITEM #372-08 - Double Package DVD & Workbooks \$115



# SWIMMING POOLS

Recently, I contracted to have a swimming pool installed so I decided to video the installation and write a book as I feel there is a void in this area. I learned quite a bit from this experience and I'll share it with you. This book covers NEC Article 680 in detail with pictures, comments and exams with answers. The video (One hour DVD) shows the pool installation from start to finish, I've never been able to find a video like this. A great DVD for a homeowner considering installing a pool. A great DVD for the electrician as it shows the electrical installation.

Item #674 "Swimming Pool Workbook" - Price \$26.00

Item #675 "Swimming Pool Installation DVD" - Price \$39.00

Item #676 BOTH "Swimming Pool Installation Workbook and DVD" - Price \$59.00 The Best Value!

# CONDUIT BENDING



WITH A VIDEO  
PRESENTATION

The Award Winning Presentation is available on DVD!



I find many books that show a mark on the conduit and you measure from that mark and make your first bend. What does the first mark represent? In our training program you will learn that the first mark is from the last coupling or box and we are calculating our bend from that point. We won't be cutting conduit to make it fit, wasting material and labor hours. We'll learn how to allow for the shrinkage amount and calculate it into our bend and bend it right the first time!

This program with the dvd and the workbook will teach not only where to place the pencil mark on the conduit, but also the important elements such as: Which direction do you make bend, away from or towards the last fitting?

You will learn how to make the correct bends when going towards an obstruction so there is no adjusting the conduit after the bend is made by cutting the conduit, adding couplings, nipples, etc.

**The student needs to learn how to make the bends that are made on the job. You learn conduit bending by doing it!**

- DVD PRESENTATION
- CONDUIT BENDING WORKBOOK
- BENDING CHARTS (pocket size)



ITEM #394-08 - Complete Bending Program with DVD \$65.00

It's best to purchase the Complete Bending Program. But, items can be purchased separately:

ITEM #395-08 Conduit Bending on DVD \$49.00

ITEM #396 Conduit Bending Workbook \$21.00

ITEM #606 Conduit Bending Workbook *in Spanish* \$23.00

ITEM #397 Conduit Bending Charts \$3.00



Call 1-800-642-2633 Today!



# Electricity in Motion

Now you can actually see "Electricity in Motion" as never seen before in this amazing 90 minute DVD!

I want every electrician in the world experienced or just starting out to witness these demonstrations to learn the respect electricity deserves.

- Water Demo - Current Flow
- Coin Demo - Chemical Electricity
- Aluminum-Copper - Dissimilar Metals
- Lemon Demo - Chemical
- Magnet Demos
- Ground Fault Demos
- Short Circuit Demos
- Arc Fault-Arc Blast Demos
- ETC...



**Item #800** Electricity in Motion DVD \$49

**BONUS PACKAGE Item #801** Electricity in Motion and "The Electrician's Workbook". The Electrician's Workbook to further your knowledge from this DVD. Workbook is priced at \$36, purchased with the DVD the total bonus package price is \$59. *Limited Time Offer!!*

## SAVE THEORY-OHMS LAW COMBO'S

<p><b>OHMS LAW-THEORY</b> DVD ITEM #502-08</p>	<p>&amp;</p>	<p><b>OHMS LAW-THEORY</b> ITEM #101</p>	<p>Pick either one for only <b>\$59</b></p>	<p><b>OHMS LAW-THEORY</b> DVD ITEM #502-08</p>	<p>&amp;</p>	<p><b>ELECTRICAL THEORY</b> ITEM #326</p>
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**ITEM #808** Theory-OHMS Law DVD with Ohm's Law Book \$59.00

**ITEM #809** Theory-OHMS Law DVD with Theory Book \$59.00

# CLOSED BOOK AUDIO CD'S



The troublesome CLOSED BOOK is now made easy as Tom Henry goes over each answer in **DETAIL** on audio CD.

3 CLOSED BOOK exams with **150** questions selected by Tom Henry to help the exam applicant learn this part of the electrical examination.

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Tom Henry's  
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## QUESTIONS



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Construction



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Basic Controls



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Code Exams



Parts-Tools-Safety



The Ultimate Closed Book Exam

### The Electrician Evaluation Exams

What must be understood with testing is the electrical industry has specialized categories just as the medical field has. You have a doctor who is a specialist for eyes, kidneys, bones, etc. It's the same situation in the electrical industry. We have electricians in construction wiring, service work, maintenance, inspection, designing, engineering, etc. They must be tested in the category in which they are required to be qualified. An electrical exam must differentiate in the categories of work. Test the designers and engineers in their fields, not the electrician.

The problem in today's testing is they are expecting an electrician that solely works in the oil fields of Kansas to design the service size to a residence and calculate the demand for 50 electric ranges in an apartment building.

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These exams will be very beneficial to an electrical contractor wanting to employ a new electrician or an industrial company in need of a maintenance electrician. To a building department wanting to test an electrician for a license or to hire an electrical inspector. Test one's knowledge of their daily work in the National Electrical Code. No need to obtain letters from past employers to verify one's electrical experience, as these exams will immediately identify the applicant's past experience in the electrical field. A false resume will not help the applicant taking these exams.

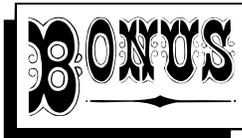
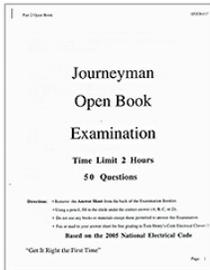
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**EXAMS WILL DIFFER FROM MONTH TO MONTH**

**NOW THE ANXIETY CAN BE REMOVED FROM EXAM TAKING!**

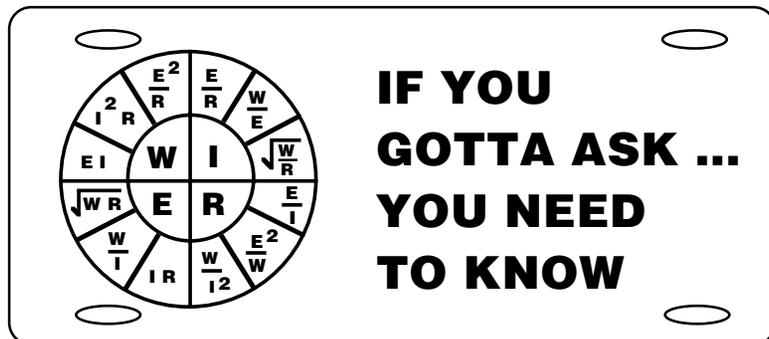
Tom Henry has now computer designed actual electrical exams with the percentage of questions from different categories based just as the exams are. The level of mastery is perfected in each exam. A perfect way to tell if you're ready for the exam.

After finishing your *complete* electrical exam you will mail your answer sheet back to Tom Henry and he will personally computer grade it and a grade evaluation sheet will be returned in the same day's mail. You'll know right away your strong and weak areas as the evaluation will point out each in detail so you'll know exactly where you stand with Tom Henry's personal evaluation.

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**ELECTRICIAN BELT BUCKLE**  
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**ELECTRICIAN BELT BUCKLE**  
(enamel wire & strippers pictured)

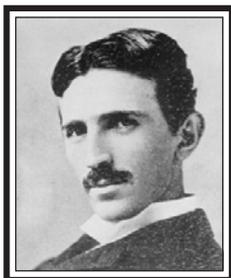


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# Nikola Tesla

the man that lit up the world....



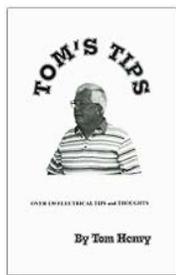
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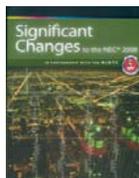
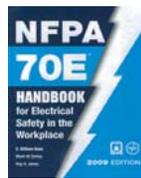


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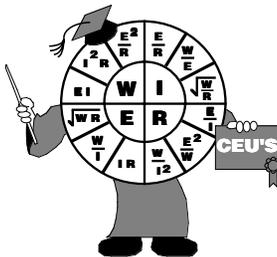
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**October 2011**

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