EDUCATION

# Mike Holt Electrical Exam Prep 2020 Answer Key

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## Mastering the NEC with Mike Holt Electrical Exam Prep 2017

For decades, electricians, contractors, and electrical engineers have turned to one name when preparing for the most challenging licensing exams in the industry: Mike Holt. Among the many editions released over the years, the **Mike Holt Electrical Exam Prep 2017**edition stands out as a pivotal resource that bridged traditional study methods with a deeper, more conceptual understanding of the National Electrical Code (NEC). Whether you were preparing for your journeyman, master, or contractor license, the 2017 edition offered a rigorous yet accessible pathway to success. This article explores what made this particular edition so valuable, who it was designed for, and how it helped thousands of professionals pass their exams with confidence.

## Why the 2017 Edition Was a Game Changer

The 2017 NEC cycle introduced several significant changes, from revisions to Article 220 (Branch-Circuit, Feeder, and Service Load Calculations) to updates on surge protection, energy storage systems, and GFCI requirements. The **Mike Holt Electrical Exam Prep 2017** program was meticulously aligned with this updated code cycle, ensuring that students were studying the most current material. Unlike generic test banks that simply recycled old questions, Mike Holt's approach emphasized understanding the *why*behind the code—a philosophy that resonated deeply with both new apprentices and seasoned veterans.

### A Focus on Conceptual Learning

Many exam prep courses at the time relied heavily on rote memorization. The **Mike Holt Electrical Exam Prep 2017**broke this mold by integrating detailed illustrations, real-world scenarios, and plain-English explanations. Rather than asking students to memorize a laundry list of ampacity tables or conduit fill percentages, the materials taught the underlying principles. This method not only helped students pass their exams but also made them better electricians in the field. The 2017 edition was particularly effective at demystifying complex topics such as voltage drop calculations, transformer sizing, and motor branch-circuit design.

## Key Components of the 2017 Exam Prep Package

Let us break down the core resources that the **Mike Holt Electrical Exam Prep 2017**typically included. While exact package configurations varied, most students invested in a bundle that covered all the essential bases for exam success.

### Comprehensive Textbook with Full-Color Graphics

The centerpiece of the program was the full-color textbook. Unlike the dense, single-tone text of the NEC itself, the Mike Holt book used color coding, clear diagrams, and step-by-step examples to illustrate every key concept. The 2017 edition featured updated graphics that reflected the new code language, making it easier to visualize grounding and bonding requirements, hazardous location classifications, and raceway fill rules. Each chapter ended with a set of review questions that mirrored the style and difficulty of actual licensing exams.

### Interactive Online Practice Exams

One of the standout features of the **Mike Holt Electrical Exam Prep 2017**was the online testing platform.

Students could access hundreds of exam-style questions that were randomized and timed. This feature was invaluable for building speed and accuracy. The platform generated detailed reports showing which topics needed more attention, allowing for targeted study. Many users reported that the online exams were slightly more challenging than the real test, which helped them overprepare and face the actual exam with reduced anxiety.

### Video Lectures by Mike Holt Himself

For those who learn best by watching and listening, the video library was a critical asset. Mike Holt has a distinctive teaching style that combines humor, clarity, and deep technical knowledge. In the 2017 series, he walked through every major article of the code, explaining the logic behind each rule. The video lectures were especially helpful for visual learners who struggled to grasp three-dimensional concepts like conduit bending or service entrance configurations from textbook diagrams alone.

### Code Calculations Workbook

Calculations are often the most intimidating portion of any electrical exam. The **Mike Holt Electrical Exam Prep 2017** included a dedicated workbook that focused exclusively on mastering the math. Topics covered included:

- Load calculations for dwellings, commercial, and industrial settings
- Conductor sizing and overcurrent protection
- Voltage drop calculations
- Transformer sizing and feeder ampacity
- Motor branch-circuit and short-circuit protection
- Grounding electrode conductor sizing

Each calculation was broken down into clear, repeatable steps. By the time students completed the workbook, they could approach any math problem on the exam with a systematic method rather than guesswork.

## Who Should Use This Prep Program?

The **Mike Holt Electrical Exam Prep 2017**was designed for a broad audience, but certain groups found it particularly beneficial.

### Apprentices and Journeyman Candidates

If you were an apprentice preparing for your first licensing exam, this program offered a structured path from beginner to exam-ready. The material assumed no prior code knowledge and gradually built up to advanced topics. Many apprenticeship programs actually recommended or required the Mike Holt materials as part of their curriculum.

### Master Electricians and Contractors

Even experienced electricians found value in the 2017 edition. The master and contractor exams often include administrative topics like load management, raceway sizing, and plan review. The Mike Holt prep materials covered these areas thoroughly, with special emphasis on the business and code compliance aspects that supervisors and business owners needed to understand.

### Continuing Education and Code Update Students

Because the **Mike Holt Electrical Exam Prep 2017**was built around the 2017 NEC cycle, it also served as an excellent continuing education resource. Electricians who needed to stay current with code changes for license renewal could use the program to understand the evolution from the 2014 code. The clear side-by-side comparisons of old versus new requirements made it easy to identify what had changed.

## How the 2017 Edition Compared to Other Study Methods

In 2017, exam prep options ranged from free online flashcard decks to expensive classroom boot camps. The Mike Holt program carved a middle ground: it was more thorough than a bare-bones study guide but more flexible than a fixed-schedule class. Here is how it stacked up against other popular approaches.

### Self-Study with the NEC Alone

Many ambitious students attempted to study directly from the National Electrical Code. While the NEC is an essential reference, it is not written as a teaching tool. Its language is legalistic, dense, and often difficult to follow without prior knowledge. The **Mike Holt Electrical Exam Prep 2017**served as a translation layer, converting the code's technical language into plain English. Students who used Mike Holt consistently scored higher than those who relied solely on the code book.

### Generic Test Banks

Some prep courses offered little more than a repository of practice questions. While these could help with memorization, they often failed to teach the underlying concepts. A student might memorize the answer to a specific question but struggle when the wording changed on the actual exam. The Mike Holt method taught principles rather than answers, which gave students the flexibility to handle any variation of a question.

### In-Person Boot Camps

Classroom boot camps offered the advantage of structured time and an instructor to answer questions. However, they were expensive, geographically limited, and operated on a fixed schedule. The **Mike Holt Electrical Exam Prep 2017**provided a self-paced alternative that was considerably more affordable. Students could pause, rewind, and revisit topics as many times as needed without holding back a class.

## Effective Study Strategies for the 2017 Materials

Getting the most out of the **Mike Holt Electrical Exam Prep 2017**required more than just reading the textbook. Successful students typically followed a deliberate study regimen. Here is a proven approach that worked well for many candidates.

### Read, Watch, then Practice

The most effective sequence was to read a chapter in the textbook, watch the corresponding video lecture, and then immediately attempt the practice questions. This reinforcement cycle helped move information from short-term memory into long-term comprehension. Repeating this sequence for each article of the code built a solid foundation over several weeks.

### Focus on Calculations Early

Because the calculation section of the exam often carries heavy weight, many test-takers reserved math for last. This was a mistake. The better strategy was to tackle calculations early in the study plan, allowing extra time for difficult concepts to sink in. The **Mike Holt Electrical Exam Prep 2017**calculation workbook made this manageable by starting with simpler residential load formulas before progressing to commercial and industrial scenarios.

### Simulate Real Exam Conditions

Two weeks before the scheduled exam, successful students began taking full-length practice tests under strict time limits. They used the online platform to simulate the actual testing environment, complete with the same number of

questions and time constraints. This reduced test-day anxiety and improved time management. Many found that after the Mike Holt simulation, the real exam felt easier by comparison.

## Real Feedback from 2017 Users

Across forums and review sites, electricians who used the **Mike Holt Electrical Exam Prep 2017**consistently reported positive outcomes. Common themes included:

- "I finally understood grounding and bonding after years of confusion."
- "The practice exams were harder than the real test, so I felt very prepared."
- "I passed my master exam on the first attempt using this program."
- "The video lectures made it feel like I had a personal tutor."
- "The calculation workbook was worth the price of the whole package."

These testimonials highlight the program's effectiveness in demystifying the code and building genuine competence.

## Why This Program Remains Relevant Beyond 2017

Even though the **Mike Holt Electrical Exam Prep 2017**is tied to a specific code cycle, its value has not completely faded. The principles taught in the program—load calculations, conductor sizing, overcurrent protection, grounding theory—are largely unchanged from one code edition to the next. Many students who bought the 2017 edition continued to use it as a reference for years afterward. Additionally, the study techniques and conceptual frameworks that Mike Holt promotes are universal. An electrician who mastered the 2017 materials will find it much easier to adapt to future code changes because they understand the logic behind the rules.

## Tips for Choosing the Right Exam Prep Version

If you are considering exam prep materials today, which edition should you choose? While the **Mike Holt Electrical Exam Prep 2017**is no longer the most current version (later editions aligned with the 2020, 2023, and upcoming codes), it can still serve as a supplementary study tool. However, for those taking a current licensing exam, buying the most recent edition is strongly recommended. Mike Holt continues to release updated materials that reflect the latest code changes. That said, if you find a used copy of the 2017 edition at a bargain price, it can still be useful for mastering core concepts, especially if you cross-reference the current code for any changes.

## Conclusion

The **Mike Holt Electrical Exam Prep 2017**edition was more than just a study guide; it was a comprehensive educational system that transformed how thousands of electricians prepared for their licensing exams. By combining clear explanations, beautiful illustrations, practical video lectures, and rigorous practice exams, it set a high standard for exam preparation. Whether you were a nervous apprentice or a seasoned journeyman aiming for your master license, this program provided the tools, structure, and confidence needed to succeed. While newer editions have since been released, the 2017 edition remains a testament to Mike Holts enduring impact on the electrical trade. For anyone serious about mastering the NEC and advancing their career, investing in a structured prep course like this one is one of the smartest decisions you can make.

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