

# Master the 2017 National Electrical Code: Study Guide and Practice Exam Questions

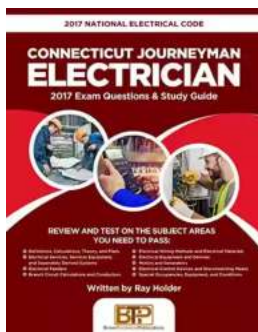
Are you preparing to take the 2017 National Electrical Code (NEC) exam and feeling overwhelmed by the amount of information you need to know? Fear not! In this comprehensive study guide, we will break down the key topics and provide you with practice exam questions to help you ace the test.

## Why is the NEC Exam Important?

The NEC Exam is a crucial step towards becoming a licensed electrician. It assesses your knowledge of electrical installation requirements based on the NEC, which is updated every three years to include the latest industry standards and safety regulations. Keeping up with these changes is essential for any professional in the electrical field.

## Understanding the 2017 NEC

The 2017 NEC introduces new requirements and revisions aimed at improving electrical system safety. It covers topics such as wiring methods, grounding, bonding, conduits, conductors, and much more. To pass the exam, you must familiarize yourself with these updates and understand how they affect electrical installations.



## 2017 Connecticut Journeyman Electrician: 2017 National Electrical Code Exam Questions & Study Guide by Norman Douglas(Kindle Edition)

★★★★☆ 4.5 out of 5  
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Text-to-Speech : Enabled  
Screen Reader : Supported



## Study Guide Outline

Our study guide is designed to help you navigate the complexities of the 2017 NEC. It includes a detailed outline of the main topics covered in the exam, providing you with a roadmap to success. Here's a breakdown of what you can expect:

### 1. General Requirements

- The purpose of the NEC and its organization
- The scope and application of the code
- Electrical definitions and terminology

### 2. Wiring and Protection

- Conductor sizing and ampacity calculations
- Overcurrent protection
- Grounding and bonding

### 3. Wiring Methods and Materials

- General wiring requirements
- Cable installation methods
- Conduit and tubing installation

## **4. Equipment for General Use**

- Branch circuits
- Switches, receptacles, and lighting fixtures
- Motors, transformers, and generators

## **5. Special Occupancies**

- Hazardous locations
- Health care facilities
- Schools and educational facilities

## **6. Special Equipment**

- Elevators, escalators, and moving walkways
- Solar photovoltaic systems
- Emergency systems

## **Practice Exam Questions**

Studying the NEC is not just about memorizing the code; it's about understanding how to apply its principles in real-world scenarios. That's why we've included a series of practice exam questions to test your knowledge and problem-solving skills. These questions cover various topics and difficulty levels and are designed to simulate the actual exam experience.

Remember to study not only the correct answers but also the explanations provided. This will help solidify your understanding of the code and increase your chances of success on exam day.

With this comprehensive study guide, you now have the tools you need to master the 2017 National Electrical Code exam. Remember to approach your preparation methodically, focusing on each topic and practicing with exam-style questions. With dedication and hard work, you can confidently pass the NEC exam and take the next step in your electrical career.

Good luck!



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The 2017 Connecticut Journeyman study guide will help you prepare for the exam by providing 12 practice open book exams and 2 Final Closed Book Exams. This book also covers most topics that are included on all Journeyman Electricians exams such as conductor sizing and protection, motors, transformers, voltage drop, over-current protection and residential and commercial load calculations. The text contains the most widely used electrical calculations and formulas the reader needs to pass the Journeyman electrical competency exam.



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