

<b>Course Name</b>	Residential Wiring (2023 NEC)
<b>Credit Hours</b>	8 Hours
<b>Instructor(s)</b>	Jerry Durham
<b>Fee</b>	\$95.00
<b>Reference Materials</b>	NFPA 70 National Electrical Code 2023 Edition

### **Course Description**

This online course is based on the 2023 NEC and provides users a room-by-room walkthrough of a modern dwelling unit from the electrician's perspective. Using the 2023 NEC as their guide, licensees will be presented the general requirements for successfully assembling a dwelling unit electrical service, as well as minimum branch circuit requirements, receptacle outlet requirements, GFCI and AFCI protection requirements, lighting requirements, and special equipment and systems requirements for each room and the exterior of the dwelling unit.

### **Learning Objectives**

At the completion of the course, electricians will be able to:

- Organize the steps to building a NEC-compliant single-phase dwelling unit electrical service;
- List the NEC minimum branch circuit requirements for each room of a dwelling unit;
- Describe the receptacle outlet requirements per the NEC for each room of a dwelling unit;
- Apply GFCI and AFCI protection requirements to each room of a dwelling unit according to the NEC;
- Explain tamper-resistant receptacle technology and identify where the NEC requires these receptacles in each room of a dwelling unit;
- Apply NEC lighting outlet and control requirements to each room of a dwelling unit;
- Understand NEC special equipment and system requirements common to dwelling units;
- Meet the minimum electrical requirements for the exterior of a dwelling unit.

### **Equipment Requirements**

You must have an active, working internet connection to access this course online, as well as a platform to access the internet, such as a computer, tablet, or phone. All popular web browsers are supported, including Google Chrome, Mozilla Firefox, Safari, and Opera. No specialized software, speaker, microphone, or web camera is required.

## **Schedule and Location**

This course is available online at any time at [www.JadeLearning.com](http://www.JadeLearning.com). Upon enrolling in the course, students will have access until the agency issued course expiration date. After the access expiration date, the course will be removed from the student's account and any progress in the course will be lost. Before the access expiration date, the student may sign in and out of the course as many times as needed to complete the course.

## **Student Support**

Both general and technical support is available to the student before, during, and after taking the course online. Students have access to general customer support via phone, chat, and email. Students have access to the course instructor via a contact form in the course and email. All questions, concerns, and comments received will be responded to within one business day.

## **Participation/Interactivity Verification**

Inactivity Timer - Students are automatically logged out of the training after 30 minutes if the system does not sense interactivity (e.g., a mouse click or typing).

Timed Logs - Per our company's record retention policy, each student's every log-in, log-out, and lesson/assessment completion time is tracked and retained as part of the student record.

Assessment - At least one content question is delivered at the bottom of each page of text and the section is not considered complete until the related question has been answered. The licensee must complete all 100 multiple-choice questions with a score of at least 70% in order to get credit for the course. Question choices are randomized so each participant will have a unique testing experience. This course is set up to allow users to go back through the section questions and re-answer questions while they meet the time requirement.

Global Timer - Students will not get credit until they spend a minimum of 400 active minutes total in the course.

## **Identity Verification**

Unique Username/Password - Each student that wants to complete a training course with us must create an account by registering a unique personal email address and password. The student must enter this unique identifier every time they want to access the course after logging out or being logged out.

## **Regulatory Auditor Access**

To review and audit this course, please go to [www.JadeLearning.com](http://www.JadeLearning.com). Click on the Login button on the top right and sign into the learning system using the login information below.

Username: UTEtester

Password: UTEtester