

Course Title

RV-11540 - 2020 NEC® Changes: General Requirements

Contact Hours: 1

The National Electrical Code Style Manual has been in existence since 1969 and has been updated nine times since its inception. There was quite a bit of activity in the 2020 NEC® concerning definitions. In this interactive online course we will cover new definitions added, and existing definitions that have been revised or relocated in the 2020 NEC®. We will also review new and revised requirements for equipment installation, labeling, marking and working space.

Course Objectives:

By the end of this course, you will be able to:

- Explain the NEC Style Manual including the rules for definition placement
- Discuss new Part III of Article 100 Definitions
- Describe the new definitions related to dormitory units, island mode, laundry area and reconditioned
- Describe the revisions to existing definitions of accessible, available fault current, equipment grounding conductor, equipotential plane and labeled
- Identify the revision at Section 110.5 Conductors related to copper clad aluminum, Section 110.14(D) Terminal Connection Torque, Section 110.22(A) Identification of Disconnecting Means, and Section 110.24(A) Field Marking Available Fault Current
- Recognize the revisions to under 1000 volt working space requirements in Sections 110.26(A)(3), 110.26(C)(2) and 110.26(D) and to over 1000 volt working space requirements in Sections 110.31(A)(4) and 110.32
- Explain new Section 110.12 Cables and Conductors and Section 110.21(A)(2) Reconditioned Equipment

Content Outline

Introduction	5 Minutes
• Course Overview	
National Electrical Code® Style Manual	10 Minutes
Article 100 Definitions	15 Minutes
Article 100 Requirements for Electrical Installations	25 Minutes
Conclusion	5 Minutes
• Summary & Implications	

1. List of reference and source materials/bibliography

All material necessary to complete the course is included in the course. A subject matter expert using his or her own personal knowledge writes the course. Students are not directed to additional material as a requirement for course completion, only as added information for personal interest.

2. Instructor Information

Vincent Della Croce – Resume Attached

3. Totals hours of Instruction

1 Hour(s) – this course is online and available 365/24/7 to anyone with internet access

4. Certificate of completion

sample is attached

5. Proof of compliance with interactive distance learning requirements

- a. Courses are being developed with interactivity as a key component in its development. RedVector's 'rule of thumb' is to insert an activity every 3 to 5 minutes or 500 to 800 words of text. We offer a variety of activities through the coursework to keep the user involved and requiring knowledge of the course materials being reviewed in order to move forwards.
- b. Users sign into an account with a unique User Name and Password. We request that a user agree to an affidavit stating that they are the owner of the account before proceeding to the exam. Course completion is measured by passing the exam with a minimum score of 75%.
- c. FL Contractors are notified at the beginning of the course that they are required to spend 50 minutes per credit hour in the course in order to receive an accreditation certificate. The LMS will not allow a certificate to be issued or reflect course completion until the time requirement is met by the user.
- d. By one click of the button on each screen of the coursework, the user is given the option to obtain information in several ways. We have a FAQ page, direct email request to Client Support or they may call through a Toll Free number. Our Client Support Team is available from 8 am to 6 pm, Monday thru Friday. If there is a general question, RedVector consults with several Subject Matter Experts that respond to questions in a timely manner. If the question is more specific requiring a direct response from the course author, communication is made with the author to provide the user a response.
- e. There is a statement required to be agreed upon by the User confirming their identity before and after taking the test.
- f. Each account is established with a unique user name and password in order to access. If a user is taking a longer than normal time to review a section, they will receive a pop-up and have 90 seconds to respond or their session will time out requiring the user to sign into the site again if they wish to continue the coursework.