



"Helping build safer communities"©

Residential Electrical Inspector

3 day ---18 hours (1.8 CEU's)

Registration 7:30

Class starts 8:00

Cost 395.00

Classes are limited in size

CEU Approvals ---ICC, SC #002-11-04, TN

Course Objective: The objective of the instructor is to give the student a comfortable knowledge of the codes as well as the lingo that electricians speak. The first day of this class is dedicated to understanding basic electricity and terms found in the codes.

Method of Evaluation: Through a series of pre and post progress quizzes, reviews, and worksheets, the instructor will aid the inspector in seeing how related tables and sections are used to form the current code. The instructor will help the inspector better understand how to interpret the code correctly and avoid common mistakes in the field.

Suggested Pre-requisite: At least one other ICC certification

<u>Day 1</u>	<u>Day 3</u>
<p>➤ Pre- Quiz and Review</p> <ul style="list-style-type: none"> ➤ Basic terminology of electrical terms ➤ Ohms Law basics ➤ Electrical Definitions ➤ AC vs DC Current ➤ 1Φ phase vs 3 Φ phase current <p style="text-align: center;"><u>Day 2</u></p> <p>• Progress quiz & review</p> <ul style="list-style-type: none"> • Wire identification and sizing • Minimum wiring requirements in a house • Residential Electrical Plan Reading • Services, Feeders, Branch Circuits • Box Fill • Pipe Fill 	<ul style="list-style-type: none"> • Progress quiz & review • Raceways identification and locations • Fixtures, Outlet locations • Swimming pools • Class 2 Circuits • Residential Load Calculations

There is an online quiz the student can take at no additional cost after the class

Bring the following items to class

Books Needed	<u>Materials Needed</u>
<ul style="list-style-type: none"> • Residential Code • NFPA-70 (National Electric Code) 	<ul style="list-style-type: none"> • Highlighters –2 colors • Calculator • <i>England Enterprises will supply a workbook</i>

If you need further assistance [www. ibcode.net](http://www.ibcode.net) or call **(843) 747-3575**

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