



"Helping build safer communities"©

Residential Building Inspector

4 day ---24 hours (2.4 CEU's)

Registration 7:30

Class starts 8:00

Cost 395.00

Classes are limited in size

CEU Approvals ---ICC, SC #002-11-03, TN

Course Objective: Since most new inspectors start here with classes and certifications, the instructor will not only explain the International Residential Code and how it relates to the other "I" codes, but help the student better understand how to read the code and interpret confusing tables.

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: None

<p style="text-align: center;"><u>Day 1</u></p> <ul style="list-style-type: none"> • Residential Design Criteria – Chapter 3 <p style="text-align: center;"><u>Day 2</u></p> <ul style="list-style-type: none"> • Pre- Quiz and Review • 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 3</u></p> <ul style="list-style-type: none"> • Progress quiz & review • Wire identification and sizing • Minimum wiring requirements in a house • Residential Electrical Plan Reading • Services, Feeders, Branch Circuits • Box Fill/Pipe Fill 	<p style="text-align: center;"><u>Day 4</u></p> <ul style="list-style-type: none"> • Progress quiz & review • Raceways identification and locations • Fixtures, Outlet locations • Swimming pools • Class 2 Circuits • Residential Load Calculations
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There is an online quiz the student can take at no additional cost after the class

Bring the following items to class

<p style="text-align: center;">Books Needed</p> <ul style="list-style-type: none"> •Residential Code 	<p style="text-align: center;"><u>Materials Needed</u></p> <ul style="list-style-type: none"> •Highlighters –2 colors •Calculator •<i>England Enterprises will supply a workbook</i>
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If you need further assistance [www. ibcode.net](http://www.ibcode.net) or call **(843) 747-3575**

Revised 12/11