



Residential Building Inspector Class

Approved for 2.4 CEU's (24 hours)

4 Day Class

Course Objective: To prepare inspectors for the ICC Residential Building Inspector exam (B1). This course is designed to cover Chapters 1-11 of the International Residential Code. Topics include Code Administration, Building Planning, Footings and Foundation, Floors, Wall Construction, Roof Construction, Building Egress, and many more.

At completion of this class and successful completion of the Residential Building Inspector (B1) Exam, the Inspector shall be able to inspect one-and-two family dwellings, townhouses not more than three stories in height, and accessory structures.

Agenda:

Day 1

- Quiz and Review
- Administration/Definitions
- Wind/Seismic design
- Fire Separation
- Townhouses
- Fireblocking/Draftstopping
- Light, Ventilation, and Heating
- Sanitation
- Glazing
- Means of Egress
- Stairways

Day 2:

- Quiz and Review
- Ramps
- Guards and Window Fall Protection
- Automatic Fire Sprinklers
- Smoke and Carbon Monoxide Alarms
- Protection of Wood from Decay
- Flood Resistant Construction.
- Solar Energy Systems
- Footings and Foundations
- Crawlspaces

Day 3:

- Quiz and Review
- Wood Floor Framing
- Drilling and Notching
- Cold-Formed Steel Floor Framing
- Decks
- Wall Construction
- Wall Bracing
- Masonry Construction

Day 4:

- Quiz and Review
- Concrete Wall Construction
- Structurally Insulated Panels
- Wall Coverings
- Roof-Ceiling Construction
- Roof Assemblies
- Chimneys and Fireplaces
- Energy Efficiency

Materials Needed for Class

- 2018 International Residential Code
- Highlighters
- Calculator