



"Helping build better communities"©

Coastal and Floodplain Inspector

2 day ---12 hours (1.2 CEU's)

Registration 7:30

Class starts 8:00

Cost 295.00

Classes are limited in size

CEU Approvals ---ICC, SC, FI

Course Objective: The help the student understand the basic structural design and effects wind has on buildings. Also how to tell the correct windows and doors for a building, and the correct hold downs.

Method of Evaluation: Thru a series of pre and post progress test and videos the instructor will give a basic understand of high wind performance of buildings.

Suggested Pre-requisite: None

<u>Day 1 Residential</u>	<u>Day 2 Commercial</u>
<p>➤ Pre- Quiz and Review</p> <ul style="list-style-type: none"> ➤ Wind vs Seismic ➤ Exposures and how to determine them ➤ Design pressures of residential wall and roofs ➤ Foundations ➤ Proper hold downs ➤ Proper wall framing ➤ Impact resistance glass vs panels 	<p>➤ Progress quiz & review</p> <ul style="list-style-type: none"> ➤ Wind vs Seismic ➤ Man Force Resisting System vs Cladding ➤ Glass Design pressure ratings ➤ Non structural systems

Bring the following items to class

<u>Books Needed</u>	<u>Materials Needed</u>
<p>2009 International Building Code</p> <p>**2009 International Residential Code</p> <p>**2008 - ICC 600 High Wind residential Construction</p> <p>**2008 Wood Frame Construction Manual</p> <p>❖ FEMA 499 Home Builders Guide (fact sheets)</p> <p>❖ 2000 FEMA 55 Coastal Construction Manual 3 volumes)</p> <p>**ASCE/ SEI 24-05 Flood Resistant Design</p> <p>** Must have for class—all new editions</p> <p>❖ Can get off FEMA wed site</p>	<p>Highlighters –2 colors</p> <p>•Calculator</p> <p>•<i>England Enterprises will supply a workbook</i></p>

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

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