

Florida Advanced Module on Gable End Anchoring & Framing for High Velocity Winds Syllabus

(Course # 0610163)



Course Outline

This 1 hour course is intended to provide a minimum of one hour of instruction of continued education for Florida certificate holders and registrants pertaining to Gable End Anchoring and Framing. Inspection of residential buildings that endured past hurricanes in Florida has shown that one of the most damaged structural components in residential homes is the gable-end wall or the gable-end truss for timber wall or masonry wall constructions. This course is based on the 2010 Florida Building Code changes that surround the most common causes of gable end failure during high velocity hurricane events.

Learning objectives are provided to facilitate student understanding and progress. Informal progress checks throughout the module help students review and measure their understanding of the material. The chapter final assessment at the end of each chapter accurately reflects the information covered. Students must answer 70% of the questions correctly in order to receive credit/certification for the course.

***Learning Objectives:** 1) Know what "load path" means and how it is maintained 2) Recognize and understand basic terminology for structural components 3) Describe the limitations when using wood components to frame a gable end wall

- A. Florida High Velocity Hurricane Zones
- B. Roof to Wall Connections--Reinforcing
- C. Definitions

D. Section R4407, R4408, R4409

1. Masonry
2. Wood
3. Unit Stresses
4. Sheathing

Assessment: 10 multiple choice questions.

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