

Provider: Program for Resource Efficient Communities  
University of Florida  
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Provider #: 0001129

Course Name: Florida Building Code Advanced Training: Residential Roofing-  
Shingles

#### Course Outline / timeline

- 1) Explanation, history, mission, and recent activities of RICOWI (Roofing Industry Committee on Wind Issues) and WIP (Wind Investigation Program) – 10 minutes
- 2) Findings of the WIP on events believed associated with initiation of wind damage on roofs –10 minutes
- 3) FBC roofing related codes – 6 minutes
  - a) Powers and duties of building official
  - b) Permits
  - c) Information on drawings related to wind
  - d) Roof assembly documents
  - e) Plan review criteria
- 4) Inspections – 8 minutes
  - a) framing inspection
  - b) sheathing inspection
  - c) roofing inspection
- 5) Roofing definitions –2 minutes
- 6) Structural design requirements and definitions 10 minutes
- 7) Weather protection – 10 minutes
  - a) flashing
  - b) coping
  - c) roof drainage – gutters, scuppers, sizing, termite prevention provisions
- 8) Performance requirements – 8 minutes
  - a) wind resistance
  - b) fire classifications
  - c) compatibility of materials
  - d) material specifications and physical characteristics
- 9) Asphalt shingles – 26 minutes
  - a) component requirements
    - 1) materials
    - 2) deck
    - 3) underlayment
    - 4) flashing
    - 5) fasteners

6) attachment

b) insulation

c) ventilation

10) Florida Existing Building code – 10 minute

a) Reroofing

b) loads

c) recovering vs. replacement

d) reinstallation

e) flashings