

Detailed Course Timeline

Course Name:

Residential Roofing and Hurricanes

- 1. Overview.....15 minutes**
 - a. Characteristics of hurricanes
 - b. Wind-borne debris
 - c. RICOWI/DOE/ORNL agency involvement
 - d. Florida’s demographics
- 2. Aerodynamics/wind and structural interaction.....20 minutes**
 - a. Definitions/descriptions
 - b. Roof types
 - c. Roof coverings
- 3. In-depth look at individual roof coverings55 minutes**
(includes mechanisms for failure and select Code-related requirements)
 - a. Tile
 - b. Metal
 - c. Asphalt/composite shingles
 - d. Wood
- 4. Summation.....10 minutes**
 - a. Independent testing organizations
 - b. Useful websites
 - c. Evaluation