

Course Topical Outline: Adv 2010 FBC Building/Structural Summary
Course Length: 1 Classroom Hour

Introduction

Chapter 1: Administration.

- New exemptions from the code.
- Flood Hazard areas and relocated buildings.
- Existing mechanical equipment.
- Permit requirements.
- Code for manufactured buildings.
- Opening Protection permits of \$50,000.00 or greater.
- Modular building plan requirements.
- Minimum plan review criteria.
- Required inspections.
- Certificate of Occupancy

Chapter 2: Definitions.

- Addition.
- Flood hazard area.
- Means of escape.
- Substantial Improvement

Chapter 5: General Building Heights and Areas.

- Two story unlimited area buildings.
- Unlimited area motion picture theaters.

Chapter 7: Fire Resistance Rated Construction.

- Fire and party Walls.
- Fire barriers and fire partitions.
- Horizontal Assemblies – Tenant Separation.

Chapter 8: Interior Finishes.

- Flood hazard area.

Chapter 9: Fire Protection Systems.

- Places of worship Exception.
- Sprinklers and standpipes.
- Manual fire alarms.
- Smoke control.
- Carbon monoxide alarms.

Chapter 10: Means of Egress.

- Panic hardware on swimming pool gates.
- Stairway configuration changes.
- Stairway to roof.
- Exit signs.

Reference to guard opening provisions for HVHZ.

Chapter 12: Interior Environment.

Sunroom definition.

Underfloor ventilation requirements.

Areas surrounding toilets, urinals, and shower room floors.

Chapter 14: Exterior Walls.

Weather protection.

Aluminum siding, soffit, and fascia.

Vinyl siding and soffit

Soffit labeling.

Wood veneers.

Masonry anchored veneer.

Terra cotta.

Vinyl siding wind speeds.

Chapter 15: Roof Assemblies and Rooftop Structures.

- Crickets. And saddles.
- Reference to new wind speed maps.
- Photovoltaic rooftop elements.
- Underlayment subject to nominal wind speeds greater than 110 mph.
- Elastomeric coatings.
- Photovoltaic modules/shingles.

Chapter 16: Structural Design.

Changes due to adoption of ASCE 7–2010.

Chapter 17: Structural Tests and Special Inspections.

Tubular daylighting.

AAMA 501 for storefronts and curtain glazing.

Soffit requirements.

Chapters 20 — 35.