

AIA Florida

Course Descriptions

Day 1

Masonry Detailing of Brick and Block #HTS16MB

This course is the must have primer on the do's and don'ts of masonry constructions. Whether you are picking the flashing for your double wythe wall or figuring out whether to tool the joints of your concrete block this course provides some basic detailing to keep you out of trouble. Patterns, weeps, ledger angles, block reinforcing – common mistakes and major misunderstandings are included in this one-hour course. Also included is must know information on the latest changes in block strength incorporated in the latest national masonry codes.

Changes to the Fire Prevention Code #HTS16FC

This presentation will include changes from the 4th Edition of the Life Safety code to the new 5th Edition of the Florida Fire Prevention Code. Beneficial comparisons to the Florida Building Code will be included to help the designer.

Code Changes & What It Means For Building Enclosures #HTS16BE

This presentation is intended to provide participants with an understanding of building and energy code information and recent industry updates to those codes. It also provides industry research as related to those codes and the role building and energy codes play in the design of buildings.

Life Safety Plans with NFPA170 #HTS16LSN

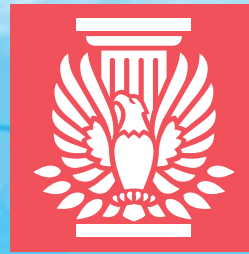
An understanding of what is in The National Fire Protection Associations 170 the Standard for Fire Safety and Emergency Symbols. This is a Standard referenced by the Florida Fire Prevention Code. Focus will be the symbols for Design Professionals can use in creating Life Safety Plans.

Floodplain Design, Construction & Impacts on Flood Insurance #HTS16FL

This course describes floodplains and the potential hazards to buildings. Unless there are flood openings that allow floodwaters to flow into and out of enclosures below the Base Flood Elevation, hydrostatic pressure builds up on the foundation walls and can cause major damage. The course also defines the differences in engineered and non-engineered flood openings and their ability to ensure resilient structures. It explains the differences between wet floodproofing and dry floodproofing techniques, and when they are applicable. It also clarifies the regulations, codes, and standards as they relate to sustaining foundations in flood hazard areas.

Means of Egress: Florida Building Code 5th Ed. #HTS16E5

Define and establish an understanding of what parts of the Florida Building Code govern the Means of Egress.



AIA Florida

Course Descriptions

Day 2

Manufacturing Impact Resistant Windows #HTS16HM

Learn how impact windows and doors are manufactured via a video and virtual plant tour and also review Miami Dade's/ Florida's rigorous testing and approval process.

Understanding NOAs #HTS16NOA

Review a real world notice of acceptance. Learn the main components of a NOA, how to read it properly, what to look for, and understand the approved installation of the products

Counstruction Lien Laws #HTS16LL

Explore the pitfalls design professionals face when providing construction phase services. We will identify the sources of these pitfalls and how design professionals can mitigate without compromising public health, safety and welfare.

Acoustics and Codes #HTS16LAC

The ICC Building Code is relatively moot when it comes to Acoustics. The ICC addresses the minimum isolation between a multifamily residential unit and adjacent spaces, but nothing else. Historically local code, ordinances, ASHRDE and best practices have driven the basis of design. Now LEED, Green Globe, and the Green Building Code are also influencing the basis of design for projects.

Wind, Water and Salt- Best Practices and Code Requirements for Design in a Tropical Environment #HTS16TE

Designing a building in South Florida or the Caribbean goes far beyond window seals and roof straps. Every component, inside and out, needs to be considered for how it will stand up to the harsh environment and result in a building that is built to last. The course will focus on requirements of the code and good design practices.

Advanced Fair Housing Act or "The 7 Deadly Sins of the FHA"

(Satisfies 2 hours advanced FBC course requirements) #HTS16FHA/FBC#413.2

This advanced building code course addresses the specific requirements of the Fair Housing Act. The course will instruct attendants in the specific requirements of the Act – accessible building entrance on an accessible route, accessible and usable public spaces, usable doors, accessible route into and through the covered unit, light switches, electrical outlets, thermostats and other environmental controls, reinforced walls for grab bars and usable kitchens and bathroom.