

Friday, February 26

Design+Technology Seminar Day

DADELAND MARRIOTT 9090 South Dadeland Blvd.



REGISTRATION FORM

Name: _____

Firm: _____

Address: _____

City, State, Zip: _____

Telephone: _____ Fax: _____ Email: _____

Membership Number _____ AR: _____

| Select | CEU Package Options | AIA Members Fee | Non-Members Fee |
|--------|---|-----------------|-----------------|
| | Full 1 Day Seminar- 10 CEUs | \$175.00 | \$250.00 |
| | Half Day Seminar – 4 CEUs | \$85.00 | \$100.00 |
| | 2 CEUs – (May be added to Half Day for a total of 6 CEUs) | \$40.00 | \$50.00 |
| | **2 Hour Mandatory Seminar | \$75.00 | \$100.00 |
| | STUDENT | \$20.00 | \$25.00 |

Method of Payment: Visa Mastercard AMEX Check Enclosed Payable to AIA

Credit Card # _____ Exp. Date _____

| Select | Course # | #CEUs | Time | Select | Course # | #CEUs | Time |
|--------|---------------|-------|-----------|--------|----------|-------|----------|
| | DTS001 | 2 | 8am- 10am | | DTS011 | 2 | 1pm- 3pm |
| | DTS002 | 2 | 8am- 10am | | DTS012 | 2 | 1pm- 3pm |
| | DTS003 | 2 | 8am- 10am | | DTS013 | 4 | 3pm- 7pm |
| | DTS004 | 2 | 8am- 10am | | DTS014 | 2 | 3pm- 5pm |
| | DTS005 | 2 | 10am-12pm | | DTS015 | 2 | 3pm- 5pm |
| | DTS006 | 2 | 10am-12pm | | DTS016 | 2 | 3pm- 5pm |
| | DTS007 | 2 | 10am-12pm | | DTS017 | 2 | 5pm- 7pm |
| | DTS008 | 2 | 10am-12pm | | DTS018 | 2 | 5pm- 7pm |
| | DTS009 | 2 | 1pm- 3pm | | DTS019 | 2 | 5pm- 7pm |
| | DTS010 | 2 | 1pm- 3pm | | | | |

Continuing Education:

Should you wish to receive State of Florida Continuing Education Credits, it is required that you sign in at the beginning of each session. During registration, you will be asked to present photo identification and a valid copy of state registration.

Return form to AIA office via:

Email: aiamia@bellsouth.net

Fax: 305.448.0136

Mail to: AIA Miami, 275 University Drive
Coral Gables, FL 33134



AIA Miami Friday, February 26

DADELAND MARRIOTT 9090 South Dadeland Blvd.

DTS001 8am-10am 2CEUs HSW/SD.....Building Code Requirements for Substantial Design

This seminar will give an overview of the Florida Building code. It will also explain how to overcome code conflicts in substantial design, how to avoid "bad details", maintaining your substantial design, giving your client the best bang for his buck.

Presenters: Joe Kelly, AIA, CIA, Irasmo Fuentes and Dario Miranda, AIA, CSI, CDT

DTS002 8am-10am 2CEUs HSW.....Design Solutions for Smoke and Fire Containment

The course will provide a better understanding of how smoke actually travels in multi-story building fires. We will illustrate the physics of vertical smoke migration in building fires, and the hazards this presents for building occupants. We'll then discuss how the building codes have evolved to address smoke and fire, focusing on elevators and large spaces. Finally, we'll review the various applications that have been developed in the market to meet these code requirements and protect building occupants from the hazards of smoke and fire.

Presenters: Frank Hertzog and Teri Lawrence

DTS003 8am-10am 2CEUs HSW/SD.....Environmental Modernism

By promoting the qualities of timelessness, authenticity and sustainability, Max Strang has generated an exemplary body of critically acclaimed work. This lecture tracks Strang's young career through a variety of unique projects from single-family homes to entire walkable communities. An emphasis is given to various environmental themes that permeate the firm's designs.

Presenter: Max Strang, AIA

DTS004 8am-10am 2CEUs HSW/SD.....Green Roofs - America Goes Green

This seminar covers vegetated roofing applications as well as products and accessories used in Green Roof applications. The program will also cover cost and weight factors to be considered as well as maintenance requirements.

Presenter: Rick D. Ruiz, Assoc. AIA

DTS005 10am-12pm 2CEUs HSW/SD.....White Roof, Green Roof, Red Roof, Blue Roof

This seminar will give you a recap of where Leed roof coverings are in Florida. It will give you an answer questions such as: Does your Leed design have to be white? Other topics that will be discussed are; recycle content of roofing materials, proper design of wheel chair access and safety railing.

Presenters: Joe Kelly, AIA, CIA, Irasmo Fuentes and Dario Miranda, AIA, CSI, CDT

DTS006 10am-12pm 2CEUs HSW.....Florida Building Code 2007: Handrail Design and Rainwater Harvesting

At the seminar we will be discussing Handrail and Guardrail requirements contained in the FBC 2007, including handrail extensions, curb ramp, ramps handrail requirements as well as rain harvesting history, guidelines and systems.

Presenters: Edmundo Aldrey, RA, LEED AP, Eddie Fernandez

DTS007 10am-12pm 2CEUs HSW.....End of Days: Maintaining Security of Buildings & Property a Priority Despite the Impact of our Current Economy on Projects

This presentation will portray the inherent value of maintaining security in projects' budgets for today's designs. It will also go over considerations for value engineering and how to protect the investments of our offices, commercial and government projects. Lastly, what is the return you can expect from incorporating good security measures and technology in your designs.

Presenter: Randall I. Atlas, PhD, AIA

DTS008 10am-12pm 2CEUs HSW/SD.....The Florida Tropical Home: Radical Precursor to Green Design

A look at mid-century tropical home architecture in Miami, placing the work in context of the larger modern movement. Learning objectives include: exploring the principles of tropical architecture; understanding of passive sustainable design techniques; surveying the residential design of prominent mid-century architects including Polevitzky, Nims and Parker; and understanding the context of postwar modern architecture in Miami.

Presenter: Allan T. Shulman, FAIA

DTS009 1pm- 3pm 2CEUs HSW.....(2 Hour State Mandatory Requirement).....Advanced Florida Accessibility Code for Building Construction – Chapter 11

This Advanced Building Code course addresses the specific requirements of the Florida Accessibility Code for Building Construction – Chapter 11. The course will instruct attendants in the specific requirements for: the accessible route, accessible parking requirements, the issue of Florida's specific requirements regarding vertical accessibility, providing accessible toilet rooms, bathrooms, toilet stalls and dealing with the requirements of alterations and the 20% rule. There will be an update as to where the Federal Access Board and the Department of Justice is with their requirements for accessibility. When the course has been completed attendant will have a better understanding of the applicable accessibility requirements.

Presenter: Larry M. Schneider, AIA

DTS010 1pm- 3pm 2CEUs HSW.....LEED®, Follow, or Get Out of the Way: Insurance, and Practice-Related Issues Arising from the LEED® Potential Minefield

This Seminar examines the LEED® process, from practice-related, insurance, and legal viewpoints. Topics covered include assembling the team and delegating responsibilities, the importance of a shared "vision" for all team members, energy modeling and its importance in understanding a project's energy "signature", setting and anticipating client expectations during the LEED® process, helpful contractual provisions and those provisions that should be avoided at all cost, an overview of related case law examining the LEED® process, how LEED® accreditation may actually raise an Architect's standard of care, related warranty and guarantee issues, procedures to have in-place prior to commencing a LEED® project, and strategies to avoid or mitigate liability arising from the LEED® process...

Presenters: A. Brian Lomel, P.E.; LEED® AP; CxA, W. Meade Collinsworth, CPCU, ARM, AIM, AAI, Leonard O. Townsend, Esq.; AIA; LEED® AP

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DTS011 1pm- 3pm 2CEUs HSW.....PALLADIO JOURNEY: A Modern Architecture in the Middle Age

Students, Interns & Architects travel to study the work of the architect Andrea Palladio in Venice & the Veneto region. This course will give a comprehensive review of Palladio's built works, the cultural/ artistic developments in his time, & the salient characteristics of this sustainable architecture, nearly 500 years later. On-site lectures, directed readings and sketching exercises reveal useful lessons in architecture, urbanism and historic preservation for the new millennium.

Presenter: Luis E. Trelles, AIA

DTS012 1pm- 3pm 2CEUs HSW/SD.....Sustainable Design For A Greener Tomorrow

This seminar covers all aspects of sustainable design as it relates to roofing and energy savings. The program will cover green roofs, photovoltaics, cool roofs, wind, solar and daylighting applications. New energy requirements will also be covered.

Presenter: Rick D. Ruiz, Assoc. AIA

DTS013 3pm- 7pm 4CEUs HSW/SD.....BIM and Sustainable Design

The practice of sustainable design is a complex and challenging endeavor, but the demand for sustainable buildings, products and services is motivating innovation and investment. BIM tools and methodologies have emerged as powerful means for meeting this demand with effective sustainable designs. A growing number of design professionals have adopted BIM to simplify the complexity and reduce the effort and cost required to serve this rapidly expanding market. Join us for an exploration of how BIM can empower you to achieve your sustainable design goals efficiently and profitably. The attendees will leave with a better understanding of why the future of sustainable design is BIM, and the benefits of transitioning to this new technology in the near future.

Presenter: Ricardo D. Seden, RA and Jeff Larrick, AIA, LEED AP

DTS014 3pm- 5pm 2CEUs HSW.....Florida Architects' Roundtable – Hot Topics and Managing Risk

This Seminar provides strategies to address a number of critical issues that may be encountered by Architects currently performing under professional service contracts: whether reducing or modifying professional liability insurance is advisable; what is the reasonable standard of care for Architects (and whether it can inadvertently be increased); an overview of types of claims and counterclaims against Architects; an Architect's remedies in the event of non-payment; the process of asserting and enforcing a Construction Lien against real property; and risk arising during the construction administration phase and from various project delivery systems.

Presenters: Michael F. Kashtan, Esq., W. Meade Collinsworth, CPCU, ARM, AIM, AAI, O. Townsend, Esq.; AIA; LEED® AP

DTS015 3pm- 5pm 2CEUs HSW/SD.....Confronting the Challenges of Implementing Green Design and LEED in South Florida

This seminar will review of unique challenges pertaining to the south Florida climate and effects on energy, water and other resources. Past solutions and examples of appropriate design for this climate and legal landscape (building codes)

Presenter: Sebastian Eilert, AIA

DTS016 3pm- 5pm 2CEUs HSW.....Understand & Learn How to Specify Metal Roofing

This presentation will discuss the different types of metal roofing including thickness, substrate, paint systems, decking types and underlayment. It will also go over what type of roof system best fits each application and warranties.

Presenters: Jim Horton and Ritchie Boyd

DTS017 5pm- 7pm 2CEUs HSW.....Preservation Basics

This lecture will address the why and how of Historic Preservation by providing an overview of the process of obtaining historic designation, the legal restrictions associated with designation and the incentives available to owners for restoration of historic properties. Through actual case studies, the course will review proper application of the Secretary of the Interior's Standards for the Rehabilitation of Historic Buildings.

Presenters: Richard J. Heisenbottle, FAIA and Ivan A. Rodriguez, M Arch

DTS018 5pm- 7pm 2CEUs HSW.....2007 Florida Energy Code in a Nutshell

This presentation will describe the 2007 FBC Chapter 13 requirements with the 2009 amendments. It will cover how to design buildings with reduced energy loads, particularly for heating, cooling, lighting, and water heating, and will analyze the importance of building systems integration with regard to energy conservation and building performance. Practical steps on how to integrate building systems and optimize the design using energy simulation software will be discussed. It will also assess the new design benchmark created by the 2007 Florida Energy Efficiency Code and its impact on sustainable design.

Presenter Brian Coldwell, PE, LEED AP

DTS019 5pm- 7pm 2CEUs HSW.....Design / Build Approach

This presentation will give you a better understanding of the Design/ Build team structure through the Proposal phase, part 1 Design/Build Phase and Part 2 Design/Build Phase. Give you an understanding of how the teams complement each other and why there needs to be interaction between the design team and the implementation team during the planning and execution of the design/build project. It will guide you through the AIA 191 Part 1 and Part 2 services the Design Build process, the GMP Process and practical approaches and procedures. It will demonstrate the potential for savings in time and money utilizing the design/build approach versus the traditional approach of design/bid/build.

Presenter: Walter Miros

COURSE DESCRIPTION

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