



Procrastinators' Days 2018 Courses

Thursday, December 6

8:00-9:00
T1D

Emergency Showers & Eyewashes

1 LU | HSW

Provider: Venco

Speaker: Rob Morrison

Work place safety is a major concern for all employers. Understanding codes and standards related to workplace safety can help designers and specifiers specify appropriate emergency equipment into their new construction and renovation projects ensuring appropriate measures are in place to protect employees. By the end of this course you will understand ANSI/ISEA Z358.1 standard and how to assess work-place hazards. You will know the types of emergency equipment available and how to perform an eyewash need survey.

9:15-10:15
T2D

Understanding Advancing Wall System Design around Continuous Insulation*

1 LU | HSW

Provider: Rockwool

Speaker: Todd Kimmel

This course covers the latest in building enclosure technology for energy efficient buildings. It provides an in-depth discussion of emerging wall systems that provide durable, cost effective and thermally efficient performance.

The seminar will cover all building types and construction materials, with a few highlights, and lessons learned from building science researchers.

9:15-10:15
T2G

Compost Use in Green Infrastructure

1 LU | HSW

Provider: Naturcycle, LLC

Speaker: Charles Duprey

A brief overview of compost use in green infrastructure. This course will review: 1) the basics of compost and the USCC Seal of Testing Assurance program; 2) compost use in green infrastructure with three examples direct use amended soils and engineered soils; 3) direct use compost blanket and berms specs and examples; 4) amending soils in place to make rain gardens, etc.; and 5) engineered soils compost use within green infrastructure.

*Courses marked with an asterisk were offered in 2017.



10:30-11:30
T3D

Electronic Locking Devices for use with Access Control Systems

1 LU | HSW

Provider: Dortronics Systems, Inc
Speaker: Skip Burnham

In this one-hour AIA accredited course we will review various types of Electronic door locks, their applications and accessory devices to control them.

10:30-11:30
T3G

Gauged Porcelain Tile (GPT) Panels: Understanding the New ANSI Standards

1 LU | HSW

Provider: Creative Materials Corporation
Speaker: Cara Palumbo

This course is an introductory understanding of gauged porcelain tiles and gauged porcelain panels. This presentation will discuss the recently published product standard – ANSI A137.3 and the new installation standard – ANSI A108.19.

11:45-12:45
T4D

How to Read an Energy Model

1 LU | HSW

Provider: Kohler Ronan
Speaker: David MacKay

Participants in this course will learn how to review the core components of an energy modeling report, including key definitions, inputs, assumptions and results; identify which design team conversations and analysis strategies are key to avoiding common modeling errors and analysis pitfalls; compare and contrast the three most common types of modeling (design performance, building energy, and building operational); and discuss how performance simulations can effectively inform design decisions throughout each phase of the design process.

11:45-12:45
T4G

A Collaborative Approach to Fall Prevention by Design

1 LU | HSW

Provider: Dimeo Construction Company
Speakers: Bob Kunz, Corporate Safety Director, Dimeo Construction Company
Erik Sanford, Director of VDC/BIM, Dimeo Construction Company
Scott Eaton, Project Manager, Dimeo Construction Company
Stew Hohringer, AIA, Senior Associate, Perkins Eastman

Too often, fall protection comes at the expense of design intent, but this need not be the case. During this session, we will review the newly codified OSHA 29 CFR 1910 Subpart D standard and VDC tools for evaluating fall protection systems planned (or existing) for roofs. Using the newly completed Providence College Friar Development Center project as a model, Dimeo Construction developed a decision making flow chart developed for this new OSHA standard. Through discussions between owner, architect, and contractor, BIM tools and two-dimensional drawings were used to form the foundation for a project based constructability review and implementation of improvements, while maintaining design integrity and aesthetics. This collaborative

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presentation will reflect upon the importance of the new standards and their real-life application. Participants will leave the presentation with knowledge of OSHA 29 CFR 1910 Subpart D and learn how effective collaboration can lead to prevention by design.

1:30-2:30
T5D

The Fundamentals of Land Surveying

1 LU | HSW

Provider: Control Point Associates

Speaker: Ken Stigner

This course will review the types of surveys, including: boundary, topographic, DOT, etc., according to AIA and ALTA specifications; and spell out the land surveying process from beginning to end.

1:30-2:30
T5G

Light Commercial Building Control Solutions

1 LU | HSW

Provider: Venco Sales

Speaker: Grant Salmon

In this course you will explore the various types of building management systems available on the market today and focus on light commercial buildings and the types of systems available to control those environments.

2:45-3:45
T6D

Suspended Ceilings and Acoustical Solutions using Stone Wool*

1 LU | HSW & 1 GBCI Hour

Provider: Rockfon

Speaker: Mekram Mohammad

Architects, specifiers, interior designers, and building science professionals all have a long history of specifying stone wool for their insulation and sound absorption needs. Fire resistance, sound resistance, water resistance, thermal resistance, and dimensional stability are all preferred properties of stone wool. This presentation will be an introduction to acoustics, and also with acoustical challenges and resolutions in commercial buildings. It will discuss and explain in detail the features and benefits of using stone wool acoustical ceiling tiles.

2:45-3:45
T6G

Door Interlocks: Applications and System Design

1 LU | HSW

Provider: Dortronics Systems, Inc.

Speaker: Skip Burnham

In this one-hour AIA accredited course we will review the various types of door interlocks, mantraps, sally ports and their applications.

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4:00-5:00
T7D

A Collaborative Approach to Fall Prevention by Design (Repeat of T4G)

1 LU|HSW

Provider: Dimeo Construction Company

Speaker: Bob Kunz

Too often, fall protection comes at the expense of design intent, but this need not be the case. During the session, we will review the newly codified OSHA 29 CFR 1910 Subpart D standard and VDC tools for evaluating fall protection systems planned (or existing) for roofs. Using the newly completed Providence College Friar Development Center project as a model, Dimeo Construction developed a decision making flow chart developed for this new OSHA standard. Through discussions between owner, architect, and contractor, BIM tools and 2-dimensional drawings were used to form the foundation for a project based constructability review and implementation of improvements, while maintaining design integrity and aesthetics. This collaborative presentation will reflect upon the importance of the new standards and their real-life application. Participants will leave the presentation with knowledge of OSHA 29 CFR 1910 Subpart D and learn how effective collaboration can lead to prevention by design.

4:00-5:00
T7G

Designing for USP 797/800 Compliance

1 LU|HSW

Provider: AKF Group

Speaker: Frank Thalakotur, PE

This course explains why the changes to USP 797/800 were enacted and includes an overview of how the changes impact sterile compounding pharmacies and healthcare institutions. The presentation will allow architects to understand the impact of MEP/FP engineering systems in a sterile compounding pharmacy in relation to the floor plan, RCP layout, and the operational safety within the pharmacy.

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Friday, December 7

8:00-9:00
F1

Gauged Panels: The Future in Tile

1 LU | HSW

Provider: StonePeak Ceramics

Speaker: Meyling Carrillo

In this class, we will teach the newest innovative solutions in the porcelain tile industry: the ANSI 137.3 Standards for Gauged Porcelain Tiles & Gauged Porcelain Tile Panels/Slabs. This standard has set forth the newest trends in floor and wall installations by re-defining the manufacturing process. We will also review the new ANSI A108.19 specifications for the installation procedures for these new large format installations. Attendees will learn the sustainability aspects of recycled content, closed loop process, energy savings, better indoor air quality, ADA complaint slip-resistant surfaces, and Environmental Product Declarations using Green Squared standards. Participants will see the unlimited design potential of this new technology from furniture to floors to walls to interior artworks to exterior ventilated facades using case history studies.

9:15-10:15
F2D

Entanglement of Vapor Retarders and Air Barriers in Roof Design*

1 LU | HSW

Provider: GAF

Speaker: Jennifer Keegan, Assoc. AIA

Vapor retarders and air barriers – what is the difference? Are we controlling vapor diffusion or air movement? Or both? Air barriers are required for new buildings per the IECC 2015 and IECC 2018, and the importance of air barriers cannot be overstated for energy efficiency and moisture control. We will discuss common vapor retarders and air barriers, how they're installed, and the critical installation details as it relates to the roof and roof/wall interface.

9:15-10:15
F2G

Understanding the Benefits of High Efficiency Gas Water Heaters: Tank & Tankless Commercial Applications

1 LU | HSW

Provider: Venco Sales

Speaker: Paul Lichtenstein

This course will cover the benefits of high efficiency gas water heating in commercial applications and the simplicity of upgrading to more efficient systems. Participants will learn how to know the benefits and requirements of high efficiency water heaters, learn about new and upcoming technologies in water heating, understand the difference between standard efficiency and high efficiency water heaters, and have a basic understanding of Building Management Systems (BMS).

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10:30-11:30
F3D

Building Science: New York City Projects

1 LU|HSW

Provider: ALC Environmental

Speaker: Claudio Gonzalez

NYC property managers, architects, building managers, and construction firms are increasingly tasked with supervising all environmental aspects of their projects. With New York City's regulatory environment constantly changing, staying compliant with these regulations poses serious challenges. This course informs attendees on current NYC regulations applicable to asbestos, lead, mold, and their specific requirements as it pertains to NYC projects.

10:30-11:30
F3G

Designing Energy Efficient Steel Stud Wall Assemblies*

1 LU|HSW

Provider: DowDuPont

Speaker: James Perling

This program is designed to provide the design community with the knowledge to make informed decisions when specifying a system solution in steel stud wall assembly that will deliver high thermal performance, moisture management, as well as minimize air infiltration in steel stud wall assemblies.

11:45-12:45
F4D

Sustainable Waterfront Development, Revitalization and Resiliency

1 LU|HSW

Provider: Langan Engineering

Speaker: Kenneth Huber, PE

The waterfront is the first line of defense in addressing climate change and is vulnerable to multiple challenges. Many of our nation's waterfront properties have a history of being neglected, abandoned, contaminated, and inaccessible. Developing our waterfront properties can improve the quality of life for surrounding communities, initiate the revitalization of entire neighborhoods, and provide necessary components to allow for resiliency. Topics covered in this course are intended to assist architects, developers, engineers, and consultants in identifying suitable waterfront design approaches to encourage sustainable development, clean up contaminated waterways and waterfront properties, enhance ecology and wildlife habitats at the shoreline, improve resiliency during natural disasters, and provide safe public access to our waterways for future generations to enjoy.

11:45-12:45
F4G

Sustainable Trends in Architectural Lighting

1 LU|HSW

Provider: HLB Lighting

Speakers: Kenneth Douglas

This seminar explains the trends which are driving lighting today - trends in energy and sustainable design, trends in lighting products, including emerging technologies such as LEDs, and

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1:30-2:30
F5D

trends in lighting applications to meet sustainability goals while achieving extraordinary visual impact, and learn the importance of technical and visual impact.

Controlling Indoor Air Quality (IAQ) in a Connected World

1 LU | HSW

Provider: Venco Sales

Speaker: Vinnie Ventura

In this course you will learn about the indoor air quality (IAQ) hazards and solutions in today's homes and buildings and how to specify the right products in these applications. You will also learn how to select the proper controls for each application. By the end of the course, participants will learn about various air quality hazards in today's homes and buildings and how to improve a project's IAQ, which IAQ products fit your specific project needs to provide the best IAQ result for those who work and/or live in the project environment, what Indoor Air Quality (IAQ) is and how it effects people and the places they live and work, and new IAQ product enhancements and new technology to fit today's tighter buildings/homes and how to control those ecosystems most effectively.

1:30-2:30
F5G

Roof Membrane Pros and Cons

1 LU | HSW

Provider: GAF

Speaker: Jennifer Keegan, Assoc. AIA

Roof membranes, along with their installation methodologies, have evolved to best meet the roofing needs of today's low slope commercial buildings. Past and present systems will be presented with a focus on today's most prevalent membranes. Discussion will include the challenges surrounding single ply, asphalt and hybrid system usage from a building science perspective—particularly cool roofing and controlling moisture ingress into the roof system. Also, installation methods will be reviewed.

2:45-3:45
F6D

Fire-Retardant Treated Wood and the International Building Code*

1 LU | HSW

Provider: Hoover Treated Wood Products

Speaker: Jim Gogolski

This in-depth presentation on fire-retardant treated wood (FRTW) focuses on its characteristics, properties, and performance in a fire as well as its preparation, treatment, inspection, and labeling. Fire tests, standards, Forest Stewardship Council (FSC) certification in LEED projects and building code requirements related to FRTW will be covered. Details and examples will be provided on where FRTW is used and what impact its use has on construction and insurance costs. In addition, New York City Building Code sections referencing fire-retardant treated wood will be discussed and examples shown. Technical literature will be available to all attendees.

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2:45-3:45
F6G

The New Benefits of Designing with BIM

1 LU | HSW

Provider: GRAPHISOFT

Speaker: Faezeh Akbar

Building information modeling (BIM) is an intelligent, digital, model-based process of design, where a building is created using one system of computer models instead of separate sets of drawings. Although BIM is not a new concept or technology, its adoption has skyrocketed over the past decade, and continuous advancements have dramatically improved the productivity, safety, creativity, and collaboration that can be fostered and supported by the BIM-enabled process. In this course we will review how to improve productivity, safety, creativity, and collaboration with the new tools and talk about enhanced functionality now available in BIM world.

4:00-5:00
F7D

Zero Waste Design Guidelines: Design Strategies and Case Studies for a Zero Waste City

1 LU | HSW

Provider: AIA New York

Speakers: Clare Mifflin, AIA, LEED AP

The Zero Waste Design Guidelines address the crucial role that design plays in achieving NYC's ambitious goal, outlined in OneNYC, to send zero waste to landfills by 2030. As a resource to help designers, building operators, and planners, the Guidelines outline the collaboration needed to dramatically reduce waste and work toward greater adoption of circular material flows. Treating waste as a resource rather than trash depends on our ability to easily separate and manage our waste. Applying design strategies to our current system of linear material use will improve sidewalks and buildings as it lessens environmental and social impacts in the city and beyond. The presentation will give an overview of the design strategies within the guidelines and show how the waste calculator can be used to estimate the quantities of different waste streams a building will generate.

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