

Procrastinators' Days 2022 Courses

Thursday, December 8

8:00 AM -
9:00 AM
T1

Design for Fire Safety in a Complex Challenging World

1 LU | HSW

Provider: Thornton Tomasetti

Speaker: Ali Ashrafi

This presentation starts by providing the background on how we achieve fire safety in accordance with the current code and the different technical approaches to multiple layers of safety. We will discuss the limitations of prescriptive code-based design, including exploring existing safety gaps and code requirements that add to project costs and requirements without a corresponding gain in safety. The session will also delve into changes in the nature of fire hazard from various sources, including changes in the contents of buildings, construction types, façade systems, building materials such as heavy timber, fire hazards from energy storage and electric vehicles, and considerations for an aging population. Finally, we will discuss how performance-based design allows for designing for fire safety in the changing risk environment and how it can often lead to designs that improve safety and resilience while reducing cost and improving aesthetics and design flexibility. Several projects will be cited including the Shed, Pittsburgh International Airport, and Seaport World Trade Center in Boston to show when and how performance-based design can provide such benefits.

9:15 AM -
10:15 AM
T2

Fundamentals of Geothermal Loop Field Design

1 LU | HSW

Provider: Langan Engineering

Speaker: Brian Blum

This session is an introduction to geothermal heat pump technology. Participants will begin to understand the pros and cons of each type of system, as well as loop field design/configuration.

10:30 AM -
11:30 AM
T3

Latest NYC Environmental Regulations: Asbestos, Lead & Mold

1 LU | HSW

Provider: ALC Environmental

Speaker: Claudio Gonzalez

This course covers the changes introduced to local New York City regulations involving asbestos, lead, and mold. The course is particularly relevant for architects involved in the design, construction, and planning of renovations in New York City.

11:45 AM -
12:45 PM
T4

Optimized Acoustics in Buildings

1 LU | HSW & 1 GCBI CE

Provider: Rockfon

Speakers: Meredith Hall

This course explains how to achieve optimal acoustics in your building projects and explores the benefits of good acoustics. We will review the trends in acoustics standards and guidelines and discuss acoustics myths and truths. The course will explain how to absorb sound and block sound in rooms of varying sizes and open office spaces, outlining how to develop a simple design that optimizes acoustics.

1:30 PM -
2:30 PM
T5

Exterior Wood Doors and the Battle Against Moisture

1 LU | HSW

Provider: Simpson Door Company

Speaker: Wayne Cornwell

Wood doors add elegance to any home or commercial building. But if not properly protected, mother nature can ruin their beauty and functionality. This course- addresses the key components of site and rail wood doors, along with the materials and techniques that can protect wood doors against moisture. In addition, the session provides insight into how wood doors can be incorporated into a wide range of residential and commercial styles.

2:45 PM -
3:45 PM
T6

Landscape on Structures

1 LU | HSW

Provider: Langan Engineering

Speaker: Steven Laudati

This course provides an overview of various rooftop landscapes, outlining the design responsibilities of the landscape architect and delving into design team interactions, and applicable code considerations. Green roof case studies will also be presented.

4:00 PM -
5:00 PM
T7

Indoor Air Quality Monitoring and Solutions

1 LU | HSW

Provider: Venco Sales

Speaker: Vinnie Ventura

The pandemic has taught us the importance of managing our indoor air quality (IAQ) at home and at work. This course will walk participants through the hazards of poor IAQ, technologies available to monitor IAQ in your home and business, and solutions available to help improve and manage your IAQ.

5:15 PM –
6:15 PM
T8

Around Manhattan: Boat Tour of New York for Landlubbers

1 LU | HSW *pending*

Provider: AIA New York

Speaker: Joseph Lengeling, AIA

Since 2009 AIANY, in collaboration with Classic Harbor Line, has been conducting narrated boat tours that circumnavigate the island of Manhattan. This one-hour illustrated presentation covers highlights from the signature two-hour-and-45-minute tour. Participants will learn about the transformation of the working waterfront from an industrial site to an area with host of new accessible uses including parks, residential buildings, and commercial centers. They will also learn about the impacts of Superstorm Sandy and efforts to mitigate such events in the future. The story of New York is told through its history, development, zoning, and award-winning projects as seen from the water's edge

BE-Ex Passive House Track – Thursday, December 8

AIA New York is pleased to offer Passive House training provided by the Building Energy Exchange (BE-Ex). These courses run on a separate schedule from the others but can be taken in combination with them.

11:00 AM –
12:00 PM
PH1

Passive House Primer

1 LU | HSW

Provider: BE-Ex

Speaker: To be announced

Join BE-Ex for the Passive House Primer, an engaging, one-hour seminar on Passive House fundamentals and their applications in the real estate market. The primer is ideal for property owners, managers, developers, and anyone interested in gaining a plain-English introduction to high-performance construction concepts. Architects, engineers, and design professionals new to Passive House will also benefit from this fun, introductory course.

12:15 PM –
1:15 PM
PH2

Passive House Fundamentals: Airtightness

1 LU | HSW

Provider: BE-Ex

Speaker: To be announced

Join BE-Ex to learn the basics of achieving a continuous airtight barrier in retrofits and new construction projects—essential to driving down heating and cooling demand and achieving Passive House certification. A good airtight layer also keeps out pollution, pests, and allergens, and mitigates moisture and mold issues, ensuring excellent indoor air quality and protecting the integrity of building components.

This one-hour course is a part of a series covering Passive House Fundamentals: airtightness, energy recovery ventilation, insulation and thermal bridging, and windows & doors.

2:00 PM –
3:00 PM
PH3

Passive House Fundamentals: Energy Recovery Ventilation

1 LU | HSW

Provider: BE-Ex

Speaker: To be announced

Join BE-Ex to cover the basics of Passive House balanced ventilation systems with energy recovery and how they provide a constant flow of fresh, filtered air while continuously exhausting stale air. These ultra-efficient systems can recover up to 90% of the heat energy lost in typical buildings, ensuring that occupants stay comfortable and enjoy excellent indoor air quality, keeping spaces free from odors, pollution, allergens, and other contaminants.

This one-hour course is a part of a series covering Passive House Fundamentals: airtightness, energy recovery ventilation, insulation and thermal bridging, and windows & doors.

3:15 PM –
4:15 PM
PH4

Passive House Fundamentals: Insulation & Thermal Bridging

1 LU | HSW

Provider: BE-Ex

Speaker: To be announced

Join BE-Ex to cover the basics of Passive House insulation materials and techniques that improve thermal comfort, cut energy costs, enhance resilience, and extend the lifespan of building components. The course also explains the principles behind thermal bridges, conductive spots that undermine the thermal performance of a building, and offers solutions to take care of them.

This one-hour course is a part of a series covering Passive House Fundamentals: airtightness, energy recovery ventilation, insulation and thermal bridging, and windows & doors.

4:30 PM –
5:30 PM
PH5

Passive House Fundamentals: Windows & Doors

1 LU | HSW

Provider: BE-Ex

Speaker: To be announced

Join BE-Ex to learn how to select and install high-performance window and door products without compromising aesthetics. This introductory course is appropriate for learners of all levels and covers basic strategies to achieve energy, comfort, and acoustic benefits associated with Passive House construction.

This one-hour course is a part of a series covering Passive House Fundamentals: airtightness, energy recovery ventilation, insulation and thermal bridging, and windows & doors.

Friday, December 9

8:00 AM -
9:00 AM
F1

Carbon Monoxide and Smoke Detection Solutions

1 LU|HSW

Provider: Venco Sales

Speaker: Vinnie Ventura

In this course, you will learn about the immediate health and safety concerns that drive new innovations in carbon monoxide and smoke detection and prevention in residential and light commercial applications. You will see several technological solutions to alleviate these concerns, as well as how building codes address carbon monoxide and smoke detection.

9:15 AM -
10:15 AM
F2

Fire-Retardant Treated Wood and the NYC Building Code

1 LU|HSW

Provider: Hoover Treated Wood Products

Speakers: 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 also 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.

10:30 AM -
11:30 AM
F3

ADA Design Standards for LU/LA Elevators and Wheelchair Lifts

1 LU|HSW

Provider: Day Elevator and Lift – A Kleeman Company

Speakers: Evan Petrower

This course focuses on ADA and ANSI A117.1 code limitations and accessibility code requirements for vertical platform lifts and limited use/limited application (LU/LA) elevators.

11:45 AM -
12:45PM
F4

Insulated Composite Backup Panels: A Simpler Solution

1 LU|HSW

Provider: Centria

Speaker: Andrew Ashton

The course provides an in-depth look at the benefits of insulated composite backup panels as a simpler and superior option to multiple component exterior wall assemblies. The session will address the many challenges faced by multiple component wall assemblies; current energy code requirements; and the impacts of air, moisture, thermal and vapor. Insulated composite backup panel case studies, videos, and animations will be used to enhance this interactive session that encourages feedback and questions.

1:30 PM -
2:30 PM
F5

Electrification and Its Impact on Residential and Commercial Domestic Water Heating

1 LU | HSW

Provider: Venco Sales

Speaker: Diane Cabral & Kevin Brace

In this course, you will learn about current decarbonization efforts in New York State and at the federal level, delving into the impacts of these changes and the product technology that is available and being developed to provide solutions in residential and commercial buildings.

2:45 PM -
3:45 PM
F6

Advanced Planning for Museum and Exhibit Lighting

1 LU | HSW

Provider: The Lighting Practice

Speaker: Thomas Bergeron

This session will provide guidance on museum and exhibit lighting best practices to support the needs of museums and galleries. One of the primary goals for any museum or gallery space is to create an environment that enhances a visitor's experience and showcases an artist's work. Lighting design plays a primary role in this experience. Without thoughtful lighting design, you may not experience the dramatic lighting of a Caravaggio, the varying hues in a Monet, or the form and reflection of a Koons sculpture. Light affects the perception of color, shadows, and highlights, and impacts how visitors experience art in a space. Additionally, museum and exhibit spaces pose a variety of technical challenges, such as the need for flexibility for rotating exhibits, the integration of natural lighting, and limiting light exposure to sensitive objects.

4:00 PM -
5:00 PM
F7

Emerging Home and Door Design Trends: Heightened Functionality Meets Customization

1 LU | HSW

Provider: Simpson Door Company

Speaker: Wayne Cornwell

This course will illustrate how wood doors pay tribute to key principles of biophilic design and, in turn, enhance occupant wellbeing at home. Course participants will explore the differences between wood doors and doors made from other materials, identifying wood door's enhanced customization capabilities, which make it possible to bring form and function to any application. The course will also help participants understand how barn doors and oversized "Monster Doors" mounted on barn tracks require a fraction of the operational footprint of swing doors and enable homeowners to create flexible, accessible, easily operable, and transitional living spaces. Lastly, participants will have the opportunity to examine design-forward door and hardware styles that support natural ventilation, daylight transfer, and visual connectivity to the outdoors to promote health at home.