



ATS CONTINUING EDUCATION  
ONLINE\_SEMINAR  
Fire-Rated Products and Fire-Safety Design  
Solutions - Eastern Time Zone  
Wednesday, November 06, 2024



08:00 AM [Welcome, Credits, and Certificates](#)

08:05 AM **PreFabricated Fireproof Columns**

Structural fire protection guards essential structural components from the devastating effects of fire. This course examines the various active and passive fireproof methods that are available with a focus on the features, types, and design considerations of prefabricated fireproof structural columns designed for exposed exterior and interior load-bearing columns. We also discuss Glass Fireproof Columns and possible applications.

Tricia Brindle  
Fire-Trol Provider #: 10008964  
AIA #:USFT01 HSW | GBCI (USGBC/CAGBC) #:920029471

09:05 AM [Review of Session Code Process](#)

09:10 AM **Fire rated low voltage infrastructure design and construction in existing and new buildings**

This course examines infrastructure systems that are fire rated for electrical, data-(ICT), and audio-visual applications in today's building designs. We will discuss how this infrastructure is required to assist occupants and give them more time to safely exit facilities in case of a fire. This presentation will review designing the correct UL listed fire rated products and how these rated systems will resist and help reduce/prevent the spread of fire, smoke, and toxic gases. This course will give an understanding of the life safety implications with the proper design and correct installation of fire rated wall and floor box assemblies. We will also review the correct installation of these products and methods including retrofit applications.

Glenn Collinge  
FSR Inc Provider #: J721  
AIA #:J728 HSW | GBCI (USGBC/CAGBC) #:

10:10 AM [Break](#)

10:20 AM [Sponsor: Chemical Technologies Holding, Inc - Matt Visconti](#)

10:30 AM **Smoke Containment Strategies for Elevator Hoistways & Lobbies**

The spread of smoke in mid- and high-rise building fires is recognized as a major threat to the safety of the building occupants and responding fire personnel and the effectiveness of firefighting operations. This course explains how smoke migrates in a multi-story building fire and discusses how building codes have evolved to address this danger and why they mandate smoke containment in specific areas of a structure. Product applications and assemblies designed to meet building code requirements and limit vertical smoke migration via elevator hoistways and lobbies are examined.

Candace Kitchen  
Total Door Systems - Architectural Door Consultants Provider #: J149  
AIA #:TD-SCSEH-F2F24 HSW | GBCI (USGBC/CAGBC) #:

11:30 AM

## Opening Doors to Design Opportunities with the Model Building Codes

This course covers the fundamental principals of the IBC 2018 and 2021. Included but not limited to is an understanding of fire walls, fire barriers and a brief review of opening protective applications. Discussion and case studies will also cover area separation, elevator lobbies, shaft enclosures, mixed use occupancy, horizontal exits and atriums.

Christina Keegan

McKEON Provider #: J497

AIA #:CODE 10-A4 HSW | GBCI (USGBC/CAGBC) #:

12:30 PM

Break

12:50 PM

*Course to be announced*

01:50 PM

*Course to be announced*

02:50 PM

End



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