



2023 AIA Course Descriptions



Course Title: Concrete Stands the Test of Time (LU/HSW)

AIA Course Number: J139 WT08-22 (1 hr.)

Course Description: Concrete products such as precast pieces, pavers, and terrazzo have long provided builders with a flexible range of options for their projects. Beyond their versatility, these concrete products are highly sustainable, thanks to their ability to be recycled, low carbon footprint, and long-life span.



Course Title: Advantages of Precast Terrazzo (LU)

AIA Course Number: J139 WT09-22 (1 hr.)

Course Description: Terrazzo is versatile and durable, comes in a range of colors, and has multiple applications. It can be used in interiors and exteriors and, depending on the manufacturing process, can be customized to fit complex geometries. In this course, we discuss different applications of precast, cementitious, and epoxy terrazzo and the installation requirements, as well as the ability to customize these products to fit different design requirements.



Course Title: Site Security with Precast Concrete (LU/HSW)

AIA Course Number: J139 WT12-23 (1 hr.)

Course Description: Comprehensive site security design should balance managing traffic flow and preventing vehicular intrusion with enhancing the existing character of the site. This course presents FEMA's guidance on risk assessment and layers of defense, vehicle impact test standards, bollard types, the precast concrete manufacturing process, barrier system design considerations, and incorporating precast concrete bollards and site furnishings into perimeter security design.



Course Title: Designing Wind Uplift Resistant Roof Paving Systems

AIA Course Number: J139 WT11-22 (1 hr.)

Course Description: This course focuses on wind uplift, and its influence on roof paving system design and selection. It examines how wind loads and building configuration affect the design of roof paving systems; the codes, regulations, and calculation approaches that inform and control such designs; and the various options designers can use to design safe, appealing outdoor roof paving systems that will withstand even the strongest winds.



Course Title: Precast Concrete Pavers and Roof Deck Systems (LU/HSW)

Course Number: J139 WT10-22 (1 hr.)

Course Description: Precast concrete pavers and roof deck systems enable designers to deliver on aesthetics and design objectives while achieving safety and durability requirements. This course examines the raw materials used in these systems, reviews the different finishes available, and discusses different paver applications and their methods of installation.

Local Reps

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