

HalfMoon Education Live Continuing Education Webinars

Hot-Mix Asphalt Pavement Design, Maintenance and Rehabilitation

Online - Monday, July 17, 2023 | 1:00 pm - 5:00 pm CDT
Tuesday, July 18, 2023 | 1:00 pm - 3:30 pm CDT

Credits: Engineers: 6.0 PDHs AIA: 6.0 HSW LUs
Architects: 6.0 HSW CE Hours LA CES: 6.0 HSW PDHs
Landscape Architects: 6.0 HSW CE Hours
International Code Council: 0.6 CEUs (Building)

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PROVIDER

AIA
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Day 1

Principles of Pavement Design

- Applications for hot-mix asphalt pavements
- Goals and considerations
- Characteristics: smooth, dense, uniform surface
- Terminology and technology
- Codes and standards

Asphalt Mix Design Considerations

- Aggregates
- Recycled materials
- Design methods
- Asphalt binders

Making Asphalt Pavements More Sustainable

Day 2

Asphalt Installation

- Installation process
- Options
- Joints and transitions
- Quality assurance and quality control

Maintenance and Rehabilitation

- Establishing a maintenance program
- Causes of distress and damage
- Types of distress and damage
- Repair and rehabilitation techniques

Presented by

Sharareh Shirzad *Assistant Professor at Appalachian State University*

Shenghua Wu, Ph.D., P.E., LEED AP *University of Southern Alabama*

David Woo *Quality Control Manager at Holicim's Asphalt Division, Colorado*

Tuition

\$319 for individual registration

\$289 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See details online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Credit Information

This webinar is open to the public and is designed to qualify for 6.0 PDHs for professional engineers, 6.0 HSW continuing education hours for licensed architects, and 6.0 HSW continuing education hours for landscape architects in most states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24CP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.0 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .6 CEUs in the specialty area of Building (Preferred Provider No. 1232).

The Landscape Architecture Continuing Education System has approved this course for 6.0 HSW PDHs. Only full participation is reportable to the LA CES. Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:

6.0 HSW LUs (AIA)

6.0 HSW PDHs (LA CES)

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