



## Lunch and Learn Program List 2025

All programs AIA/CES/HSW with 1 Learning Unit and Lunch Provided



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## 1. IECC Energy Review and Masonry Compliance Options International Energy Conservation Code

- **Program #: EMX-11**
- **Provider #: J-374**
- **CEUs: 1 AIA HSW**



We review masonry wall compliance options and the exterior envelope R-Value requirements of the current IECC. We examine exterior wall R-values, how to define and incorporate Continuous Insulation (CI) and learn design tactics for enhanced performance. We present new masonry wall systems that achieve superior moisture management, higher R-values, zero lot line capability, faster construction, pre-installed vapor barriers and IECC compliance.

## 2. Designing with Innovative Architectural Blocks for Buildings

- **Program #: OSKA021b**
- **Provider #: J-374**
- **CEU's: 1 AIA HSW**



Architectural masonry units animate the facades of schools, grace the arches of municipal campuses and support the columns of healthcare facilities. This program covers the vast range of masonry units available and their best applications. Designing and building masonry structures to look good for life requires a fundamental understanding of the enemies of masonry and proper detailing to protect your walls. Innovative block options offer chances to combine texture, color and dimension in one stunning project. This discussion on critical detailing and project management will ensure lasting beauty of masonry units and projects.

### 3. **Concrete Masonry Walls for Mold and Moisture Prevention (HSW)**

- **Program #: Tren02\_A2b**
- **Provider #: J-374**
- **CEUs: 1 AIA HSW**



This one hour HSW presentation will (1) explore the causes of moisture and mold problems; (2) show how materials, construction practices and design details can relate to mold growth; (3) determine the public health and legal implications; and (4) discover materials and design solutions for healthy buildings. The focus is on architectural concrete masonry units and proper construction techniques to counter mold.

### 4. **Designing with Masonry Units for a Healthier, Safer Building Environment (HSW)**

- **Program #: TREN-03**
- **Provider: J-374**
- **CEUs: 1 AIA HSW**



Concrete masonry is an effective solution for the ever-changing design environment. In this HSW program, we examine the importance of test reports and their relevance to design and proper construction. We see how good masonry practices can assist designers in achieving the objectives of Green Building and Sustainable Design. Also addressed are techniques to affect environmental acoustics, the importance of Fire Ratings and the impact of buildings on public safety. This presentation meets the AIA requirements for a one-hour Health, Safety and Welfare credit.

## 5. Design Tactics for Stone Masonry Products

- **Program #: TREN-10**
- **Provider #: J-374**
- **CEUs: 1 AIA HSW**



This one-hour HSW program will explore how to effectively design masonry walls using proper techniques focusing on the prevention of moisture, cracking and cleaning issues. This building design method hinges on planning and designing sound masonry walls using proper architectural structural components based on industry guidelines and specifications. Attendees will learn why walls crack, about differential movement and how to design to eliminate unnecessary cuts, repairs and maintenance.

## 6. Concrete Products Plant Tour **FIELD TRIP! PLEASE NOTE THIS PRESENTATION IS PERFORMED AT 3400 Bungalow Rd, Morris, IL 60450**



- **Program #: ECH-CPPT**
- **Provider #: J-374**
- **CEUs: 1 AIA HSW**

FIELD TRIP! Concrete masonry is an effective solution for ever-changing architectural design. Buildings and structures made with resilient design and materials withstand and recover from disasters such as hurricanes and tornadoes more readily. Products such as concrete and masonry are durable, environmentally friendly and use less embodied energy. This course reviews the quality control practices and procedures of manufactured concrete products. During the virtual plant tour attendees will follow the steps from the arrival of the aggregates to initial mixing stages and then will continue through the facility to demonstrate the final steps of the production process. The tour will address the proper manufacturing techniques needed to meet the required fire resistance, energy efficiencies and overall sustainable qualities of CMU's (concrete masonry units.) The tour will ultimately validate how concrete masonry products contribute to the health, safety, and welfare of building occupants.



**Oldcastle**  
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A CRH COMPANY

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