

Wednesday, October 31

8:00 AM – 1:30 PM

At

**York Building  
Products  
Company  
in York, PA**

**CRAM SESSION**



**COMPLIMENTARY SEMINAR  
MASONRY "CRAM SESSION"  
SOME GOOD "SCHOOLING" ON HALLOWEEN MORN'!**

**Seminar Agenda for October 31**

- 8:00 AM: Arrivals and Registration.  
*Coffee served.*
- 8:30 AM: Hellos & Good Mornings  
*A few words from our sponsors.*
- 8:45 AM: Session One  
"Architectural Enhancement - Aesthetical Design with Concrete Masonry"  
*Jack Kennedy, LEED AP BD+C of York Building Products*
- 9:45 AM: Session Two  
"Drained and Back-Ventilated Rain Screen Cladding Design"  
*Marty Fischer, Principal at P.P.S.I.*
- 10:45 AM: Session Three  
"Changes to Masonry from the 2009 to the 2015 Building Codes"  
*Brian Roye, E.I.T., Engineering Projects Manager – Structural National Concrete Masonry Association*
- 11:45 AM: LUNCH INCLUDED!
- 12:30 PM: Session Four  
"Building with Clay Brick Shapes"  
*Ron Hunsicker, Professional Engineer*
- 1:30 PM: Good-Byes!

*Being held at:*

**York Building Products Company  
950 Smile Way  
York, PA 17404**

Masonry Contractors Association of  
Central Pennsylvania.

P.O. Box 3216  
Gettysburg, PA 17325  
(877) 267-5191  
(540) 441-7880- fax  
masonryseminar@gmail.com

**4 AIA/CEU Credits Available!**

**Please see page 2 for the registration form  
& additional information.**

# REGISTRATION FORM — 2018 MCACP Masonry Cram Session Seminar

Please list all registrants and provide an AIA membership number if applicable. You need not be a member of the AIA to attend.

Name: \_\_\_\_\_ AIA #: \_\_\_\_\_ Email: \_\_\_\_\_

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Name: \_\_\_\_\_ AIA #: \_\_\_\_\_ Email: \_\_\_\_\_

Name: \_\_\_\_\_ AIA #: \_\_\_\_\_ Email: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Please provide email for confirmation and event updates. You may copy this sheet for additional attendees if necessary.

**Seating is limited! Registrations are first come, first served! While there is no fee for the seminar, you must be registered to attend.**

**Deadline to register is Friday, October 26!**

*There are three easy ways to register:*

By Email: [masonryseminar@gmail.com](mailto:masonryseminar@gmail.com) By Fax: (540) 441-7880



## Session One

### **"Architectural Enhancement - Aesthetical Design with Concrete Masonry"**

*Presenter: Jack Kennedy, LEED AP BD+C of York Building Products*

This session will provide guidance on how to specify a CMU color and select colored mortars. Discover why architectural concrete masonry varies in price, and learn the causes of color variation. A detailed review of architectural CMU installation and proper methods for cleaning, as well as information about available textures and associated their costs will be covered. 1 LU/HSW

## Session Two

### **"Drained and Back-Ventilated Rain Screen Cladding Design"**

*Presenter: Marty Fischer, Principal at P.P.S.I.*

The program will address the growing industry design trend in rainscreen cladding systems. The program will cover concept, application and technical detailing required for designing and specifying a rainscreen cladding system. Included will be educational discussion of cladding design options, attachment and support systems, critical humidity, ventilation & pressure equalization, design elements, and controlling panel movement. Other issues, such as air barrier and insulation strategies, engineered vs. non-engineered assemblies, shop drawings, LEED and sustainable design considerations, and detailing will also be addressed. 1 LU

## Session Three

### **"Changes to Masonry from the 2009 to the 2015 Building Codes"**

*Presenter: Brian Roye, E.I.T., Engineering Projects Manager – Structural of the National Concrete Masonry Association*

As of October 1, 2018 Pennsylvania is updating the building codes from the 2009 to the 2015 version for all of the International Code Council Codes – residential and commercial. The focus of this presentation is the International Building Code (IBC) which addresses all commercial structures. There have been many changes that are reflected in the 2015 IBC that help make concrete masonry more competitive. This presentation will review these changes including changes to concrete masonry unit web requirements, the updated unit strength table, and more that will show greater efficiencies for the masonry walls in many aspects which makes for a more affordable wall with greater energy efficiency. You will see designs illustrating the impacts of new versus old code requirements and visually be able to see the difference and the cost competitive advantage of concrete masonry vs. wood and steel and any other concrete system. 1 LU/HSW

## Session Four

### **"Building with Clay Brick Shapes"**

*Presenter: Ron Hunsicker, Professional Engineer*

Why use clay brick shapes? Because designs are more interesting! If a wall needs more impact, then watertables, soldier courses, arches, sills and caps are all quick solutions. Watertables, sills, and caps also move water away from walls and to the ground, decreasing the likelihood of water penetration and increasing durability. Tired of 90° corners? Then use corner shapes which can be as acute as 30° or as open as 179°. Radial bricks turn sharp corners into smooth paths, changing boxes into smoother figures. Remember that lipped brick easily disguise the horizontal movement joints which accommodate vertical movements. Brick sculptures are a delightful, large scale, durable, and economical commitment to the surrounding community. Building with Clay Brick Shapes also explores how clay brick shapes are manufactured and when a particular brick "Type" of brick should be specified. 1 LU/HSW

## **MCACP's "Cram Session" Masonry Seminar**

is a open to architects, designers, engineers, MCACP members, and lead facility representatives. Please feel free to share this information with appropriate colleagues.

Each presenter will be using his/her AIA/CES form for submission to the AIA. Please be sure to have your AIA number with you to ensure proper credit for the courses. If you are not registered with the AIA, the MCACP will provide you a "Certificate of Completion" for each session to keep with your records. These may be mailed after the event.

***You need not attend all sessions to participate in the seminar!***

