

2020



Tuesday, March 10, 2020
8:30am - 3:45pm

Johnson County Fairground - Building C
& Terry Trueblood Lodge

PRESENTED BY THE
MASONRY INSTITUTE OF IOWA



Johnson County Fairgrounds
Building C

4261 Oak Crest Hill Rd SE
(3109 Old Hwy 218 S)
Iowa City, IA 52246

Lodge at Terry Trueblood
Recreation Center

579 Mccollister Blvd
Iowa City, IA 52240

**EARN UP TO
6 HOURS OF
CONTINUING
EDUCATION!**

Register online at
www.masonryinstituteofiowa.org



Masonry Institute of Iowa (MII) is a Registered Provider with the AIA Continuing Education System. Participants in all workshops presented by MII earn Learning Unit Credits.

2020 Masonry Institute of Iowa Masonry Seminar Schedule

PRICING

Registration includes continental breakfast, two breaks, lunch and up to 6 hours of HSW learning credits.

Early Bird Pricing - on/before Tuesday, March 5

MII Member - \$45 first registration; \$40 for additional
Non-member Architects/Engineers - \$60 per registration
General Contractors - \$20 per registration

Pricing after March 5

MII Member - \$60 first registration; \$50 for additional
Non-member Architects/Engineers- \$75 per registration
General Contractors - \$25 per registration



www.masonryinstituteofiowa.org

The first two morning sessions will be held at the Johnson County Fairgrounds Building C and will be hands-on.

Lunch and the afternoon programming will be held at the Terry Trueblood Lodge.

SCHEDULE OF EVENTS

**8:00 - 8:30am: Registration and Continental
Breakfast at Building C, Johnson Co. Fairgrounds**

**8:30 - 9:30am
Bricklaying 101**

**Speaker: Masonry Institute of Iowa
1 hour LU/HSW**

Pick up the trowel and try your hand at laying brick. Learn firsthand how basic masonry materials come together to form durable and safe building components. Instructors will be on hand to assist attendees with a basic introduction on bricklaying. In groups, attendees will build a small wall project out of brick.

9:30 - 10:30am

Assembly of a Masonry Wall

**Speaker: Seedorff Masonry, Inc, Mason Contractor
Location: Building C, Johnson Co. Fairgrounds
1 hour LU/HSW**

This presentation provides a refresher on masonry wall assemblies. A variety of wall mock-ups will be used to show attendees a properly designed, and built, masonry wall. Common design elements will be discussed along with what to look for when inspecting a masonry wall on the jobsite. This is a great show and tell session.

continued on the next page

10:30 - 11:00am
BREAK

11:00am - 12:00noon
Manufactured Stone Veneer Overview
Speaker: Nick Lang, PE
National Concrete Masonry Association
Location: Terry Trueblood Lodge
1 hour LU/HSW

This presentation reviews the key components of adhered manufactured stone veneer (MSV) systems, minimum building code requirements and ASTM standards governing manufactured stone and its installation, and industry recommendations addressing gaps not covered by existing building code requirements.

++ The purpose of this program is help educate the design community on proper design and installation methods for thin veneer systems. When installed per industry standards, there will not be significant time or cost savings and improper installation can lead to system failure, which can add additional costs over the life cycle of the structure.

12:00noon - 12:30pm
LUNCH

12:30 - 1:30pm
Innovative Case Studies in Masonry
Speaker: Mark Guetzko
Seedorff Masonry, Inc.
Location: Terry Trueblood Lodge
1 hour LU/HSW (HSW credit pending)

In this program, attendees will examine several projects where the mason contractor was an essential part of the construction team. First case study will explore the process from the artist's concept through design and construction of Kerry James Marshall's "A Monumental Journey". The program will also examine the design-build process of the 12-story Elizabeth Catlett Residence Hall as well as several other innovative masonry projects where the mason contractor contributed in the process to create a sustainable masonry structure.

1:30 - 1:45pm
BREAK

AFTERNOON BREAKOUT SESSIONS

1:45 - 3:45pm - ARCHITECTURE TRACT
Masonry Wall Flashing & Moisture Control
Speaker: Pat Conway, AIA
International Masonry Institute
Location: Terry Trueblood Lodge
2 hour LU/HSW

This course presents insight to best practices for the design, detailing, and construction of moisture management systems, with an emphasis on continuity of flashing with water/air control layers. Wall systems addressed will be masonry cavity walls, masonry single-wythe walls, and site walls. Key details discussed will include: base-of-wall, window sill, window head, shelf angles, roof-to-wall interface, and top-of-wall.

1:30 - 2:30pm - ENGINEERING TRACT
Quality Assurance and Inspection of Concrete Masonry Construction
Speaker: Nick Lang, PE
National Concrete Masonry Association
Location: Terry Trueblood Lodge
1 hour LU/HSW

This presentation provides an overview to the inspection and quality assurance requirements associated with concrete masonry construction as required by the 2012 International Building and Residential Codes (IBC and IRC) and TMS 602-11, Specification for Masonry Structures.

2:30 - 3:30pm - ENGINEERING TRACT
Fire Safety with Concrete Masonry
Speaker: Nick Lang, PE
National Concrete Masonry Association
Location: Terry Trueblood Lodge
1 hour LU/HSW

This course addresses the statistics associated with fires, discusses the balance design of fire resistance for buildings, suppression and detection systems, as well as fire testing procedures and methods for determination of fire resistance ratings for concrete masonry assemblies including code approval calculation methods.

Registration Info

Registration for the 2020 Masonry Seminar includes continental breakfast, two breaks, lunch and all the handouts and material needed for the programming.

The first two programs of the day are hands-on. Participants are encouraged to dress appropriately. Please bring safety glasses if possible. A limited number will be available to borrow.

Professional Development Credit

Learning units will be applied to AIA within 10 business days. Please check your AIA account to make sure they were applied accurately. Certificates of Attendance will be emailed out after the seminar. Please save those for your records.

Cancellation Policy

Refunds, minus a \$10 processing fees, will be given through February 28.

Hotel

There is no hotel block for the 2020 Masonry Seminar but the closest hotel to the seminar is Hampton Inn
4 Sturgis Corner Dr,
Iowa City, IA, 52246
1-800-997-9138

Parking & Directions

The first two sessions of the seminar will be held in Building C of the Johnson County Fairgrounds. Please see the map below. You may park along the road in the fairgrounds or in the designated parking lots on the property.

There will be a 30-minute break between sessions for attendees to drive to the Lodge at Terry Trueblood Recreation Center (approximately 4 minute drive). Parking is free at the lodge.

About MII

The Masonry Institute of Iowa (MII) is the nonprofit association for the masonry industry. Members include masonry contractors, brick manufacturers, block manufacturers, stone manufacturers, brick, block & stone distributors, and suppliers in Iowa who come together to promote quality masonry construction. MII is a great resource for all your masonry questions.

Masonry Institute of Iowa
6919 Vista Drive
West Des Moines, IA 50266
515-252-0637
MasonryInstituteofIowa.org

Map of Johnson County Fairgrounds

