

2018 EVENT DATES TO REMEMBER

MARCH 2-4, 2018

HOME, GARDEN & REMODELING SHOW – KY EXPO CENTER

WWW.LOUISVILLEHOMESHOW.COM

APRIL 28-29, 2018

TOUR OF NEW HOMES

WWW.BIALLOUISVILLE.COM

JULY 14-29, 2018

HOMEARAMA

WWW.HOMEARAMA.COM

AUGUST 11-12, 2018

TOUR OF REMODELED HOMES

WWW.LOUISVILLEREMODELTOUR.COM



BIA EDUCATION DEPARTMENT

2018 Class Schedule

(Includes BIA Education Department Rules & Regulations and Registration Form)

Presenting Sponsors



Official Sponsor



Lumber & Building Materials
"VOLUME-PRICE-SERVICE"
SINCE 1932

*Accounting

(Instructor: Deepa Kamat, Granite America, Inc.)

March 29, 11 am – 1 pm (2 hours BIA, 2 hours MCR)

Business Plan, Budgeting & Job Costing, Cash Flow Projections, Computer Orientation

Business Plan - How to develop financial projections on projects.

Budgeting - How to develop the ALL necessary budget with a discussion of financial ratio analysis. Job Costing - Did you make a profit on your last job?

How do you know if you made a profit? Cash Flow - Will the cash be there when you need it? Computer Orientation - How the use of computerized reports will enhance your ability to control your company.

Advanced Estimating & Specification Writing

(Instructor: Perry Lyons, P. L. Lyons, Inc.)

October 16, 8:30 am - 3 pm (6 hours BIA, 6 hours MCR)

Using formulas from foundation to finish when estimating a house. This seminar will bring together formulas needed to help you determine specific costs and material needs for building a new home. And, this course will familiarize the student with the method of how to take the Blueprint and put in written form, for a financial institution or potential client, the detailed material, room descriptions & allowances needed for building a spec house.

Asphalt Training Class ****NEW CLASS****

(Instructors: Melisa Daumen, Scott Quire and Matt Riggle, Bluegrass Testing)

March 27, 12 noon – 3 pm (3 hours BIA, 0 hours MCR)

Attend this class to learn the definition of what an asphalt mixture can be, the components that make up an asphalt mixture, an overview of each component material, production of asphalt mixture, quality control/quality assurance of asphalt mixtures and specifications pertaining to asphalt mixtures.

Blueprint Reading

(Instructor: Mark Simpson, Simpson Builders, Inc.)

February 6, 8 am – 12 noon (4 hours BIA, 4 hours MCR)

This course will cover symbols and abbreviations used, foundation plans, floor plans, elevations, wall sections and roof plan. Also plats, plot plans, and shop drawings will be covered. Calculator required.

CPR/First Aid/Bloodborne Pathogens

(Space is limited – 12 per class)

(Instructor: Linda Griffin, Derby City Safety)

February 20, April 24, May 22, August 21, October 23, December 4, 9 am – 12 noon (3 hours BIA, 0 hours MCR)

The first aid training is good for three years. The CPR training is good for two years. The Bloodborne Pathogen course is being added with the other two courses. ***NOTE: Fee to attend this class is \$75.**

Concrete 101

(Instructor: Alan Vaesa, IMI)

April 26, 10 am – 12 noon (2 hours BIA, 2 hours MCR)

This course covers the basics of ready mix concrete, including materials used in different concrete mixes, the different additives available for adjusting concrete performance, and the basics guidelines for placing and finishing concrete.

Construction Technology & Application

(Instructor: Mark Simpson, Simpson Builders, Inc.)

May 17, 8:30 am – 12:30 pm (4 hours BIA, 4 hours MCR)

An introduction to basic residential framing techniques and proper application of common building materials. Current Code Book Required – 2012 International Residential Code book.

*Customer Relations

(Instructor: Don Wirtzberger, Sierra Design & Construction)

May 15, 1 pm - 3 pm (2 hours BIA, 2 hours MCR)

A review of the principles and practices of working with your customers. Preventing problems, handling orientations, inspections, call backs and warranty requests. Establishing a customer service program and review of the Registered Builder, Registered Remodeler and Associate Builder/ Remodeler conciliation process.

Electrical for the Builder: What you need to know to understand the electrical system on your project

(Instructor: Troy Corrigan, Corrigan Electric Co., Inc.)

August 28, 10 am – 12 noon (2 hours BIA, 2 hours MCR)

This class will cover the basic electrical safety requirements for new homes

BIA EDUCATION DEPARTMENT

Registration Agreement

and renovations including minimum code requirements, standard wiring practices, code updates & new electrical system technologies. This class will be focused on what the builder needs to know to communicate with their electrician and the homeowners on their projects.

***Estimating & Business Management for Builders and Remodelers September 20, 8:30 am – 12:30 pm (4 hours BIA, 4 hours MCR)**

An introduction to the orderly collection of information needed and a systematic method for taking off quantities to develop an accurate forecast of construction cost. Understanding Overhead and Mark-Up, and a discussion of cost-containment strategies are also explained.

Estimating for Remodelers

(Instructor: Ben Tyler, Ben Tyler Building & Remodeling)

April 26, 8 am – 10 am (2 hours BIA, 2 hours MCR)

An introduction to estimating geared to the remodeling industry. Learn how to collect information and learn methods to give the best estimate for that remodeling job.

Foundation Basics **NEW CLASS**

(Instructor: Gary French, Case Foundations)

April 26, 1 pm – 2 pm (1 hour BIA/1 hour MCR)

Attend this class to learn about basement waterproofing and exterior drainage management, foundation repairs and piling as well as slab jacking and wall stabilization.

Guidelines for Quality Concrete **NEW CLASS**

(Instructor: Chad Deters, Advance Ready Mix)

February 1, 9 am – 12 noon (3 hours BIA, 3 hours MCR)

This course will discuss footers, foundation walls, driveways and other interior flatwork. Also, how to ensure quality concrete for all residential applications. The instructor will also address troubleshooting of fresh and hardened concrete and give some tips to help ensure quality concrete.

HVAC

(Instructor: Ron Kramer, Prudential Heating & Air Conditioning)

August 28, 8 am – 10 am (2 hours BIA, 2 hours MCR)

A brief course that will include items builders NEED TO KNOW when it comes to working with their HVAC contractor and inspectors. It will touch on how the duct design can influence the framing of a house and/or its basement.

Hardwood Flooring

(Instructor: Paul Reinhart, Allgeier Flooring Company)

May 15, 8 am – 10 am (2 hours BIA, 2 hours MCR)

Through this class, you will be able to understand the difference between “job-site” and pre-finished hardwood floors. Also obtain knowledge on moisture testing, special installations, radiant heat and how they may affect the installation of the flooring.

Installation of Fireplaces to Meet all the Codes

****OFF SITE ON DECEMBER 13th****

(Instructor: Tom Raver, Fireplace Distributors)

December 13, 9 am – 3:30 pm (6 hours BIA, 6 hours MCR)

The class will be held at the U of L Shelby Campus – Founder’s Union Building

on December 13th. Specifying Gas Fireplaces for the Home: An Overview of Options, Features and Design Considerations & Specifying Fireplaces to Comply with National Green Building Programs

***Insurance, Job Site Safety & Warranties**

(Instructors: J. P. DeLaney, Logan Lavelle Hunt Insurance/Jon Mundell, JV Resources/John Sizemore, 2-10 Home Buyers Warranty)

January 18, 1 pm – 3 pm (2 hours BIA, 2 hours MCR)

A study of the general insurance needs of the builder. This includes a discussion of the basic requirements for obtaining insurance, why you need to carry insurance and practical examples of how to lower your insurance expense.

Managing Moisture in Residential Construction & Durable Building Enclosure Design **NEW CLASS**

(Instructor: Bill Yerkes, Parksite)

January 18, 8 am – 10 am AND **Off Site on December 13th (2 hours BIA, 2 hours MCR)**

The class will be held at the U of L Shelby Campus – Founder’s Union Building on December 13th.

After attending this seminar, you will be able to understand:

1. Emerging energy efficiency trends and their implications for water management in wall systems. 2. Code requirements for water management in residential wood frame wall assemblies. 3. The performance of key water management wall assembly components, including water–resistive barriers and flashing. 4. Moisture management implications of air leakage and vapor diffusion.

And, this seminar will outline recent changes in building energy codes and how these changes could impact the long range durability of the building enclosure. The seminar is divided into 3 sections:

1. The first section is a brief summary of recent changes in North America energy codes. The discussion is focused on the opaque building envelope criteria and the changes in wall assembly design as a result of energy code requirements. 2. The second section is a brief review of moisture analysis tools for building envelope design 3. The final section will provide examples of moisture analysis for typical framed walls. Moisture problems & moisture management strategies depend on climate and wall design and WUFI analysis must be climate specific. The US climates can be grouped into 3 broad categories: Cold climates (cz 5-8); Warm–Hot Humid climates (cz 1A-4A); Marine climates (4-5C). Section 3 is divided into 3A, 3B and 3C, to provide examples of the 3 climate types and to customize the presentation for regional needs.

Metal Roofing – Residential & Light Commercial

(Instructor: Joe Knife, Classic Metal Roofing Systems)

February 15, 8 am – 10 am (2 hours BIA, 2 hours MCR)

A comprehensive overview of the options in today’s metal roofing systems, focusing on what contractors and designers need to know about metal roofing for their projects.

Negotiating for the Home Building Industry **NEW CLASS**

(Instructor: Joe Pusateri, Elite Homes, Inc.)

August 30, 10 am – 12 noon (2 hours BIA, 0 hours MCR)

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

E-mail Address: _____

I understand that I will be charged per hour for the classes I have registered to attend. I also understand the fee to be \$20 per hour for BIA Members, \$30 per hour for members of other HBA/BIA and \$40 per hour for ** non-HBA/BIA members, unless otherwise noted. Anyone registered for classes will be billed for the entire class unless cancelled in writing at least 24 hours in advance. I have read the BIA Education Department Rules & Regulations and agree to them.

Signature Required	
_____	_____
Student’s Signature:	Date:

Classes/Dates Attending: _____

**** Non-Members MUST prepay for all classes. FAX this form to: 429-6036 OR register on-line at: www.bialouisville.com.**

_____ Bill my BIA Account (for BIA members ONLY) _____ Check enclosed

_____ Mastercard/Visa Number: _____ Expiration Date: _____

Name as it appears on the credit card: _____

Building Industry Association of Greater Louisville
1000 N. Hurstbourne Pkwy
Louisville, KY 40223

BIA EDUCATION DEPARTMENT

Rules & Regulations

Metro Construction Review (MCR) formerly Inspections, Permits & Licensing Credit Hours (IPL)

Please note the BIA Education Department Classes that have been approved by the Metro Construction Review Office. Builders pulling permits in Jefferson County are required to obtain 6 hours of approved courses each year.

Rules & Regulations

CREDITS:

You MUST attend a class in its entirety in order to receive credit.

NO ONE will be allowed to sign-in for a class if more than 10 minutes late. This rule will be strictly enforced!

All classes on schedule apply to Building Industry Association of Greater Louisville (BIA) credits. Not all classes apply to the Metro Construction Review (MCR) required credits.

CLASS DATES/TIMES:

Please note that classes are ONLY OFFERED ONE TIME PER YEAR.

Class dates may change due to instructor availability.

Please note the time listed next to the class – times will vary.

CLASS LOCATION:

All Classes are located at the BIA Office Building at 1000 N. Hurstbourne Parkway unless otherwise noted. THE BIA LOWER LEVEL IS NOT HANDICAP ACCESSIBLE. Registrants will be notified if any classes warrant off-site meeting rooms and location change.

COST PER HOUR:

BIA Members are charged \$20 per hour unless otherwise noted (see class schedule).

HBA/BIA Members outside the Louisville area are charged \$30 per hour unless otherwise noted (see class schedule).

Non-Members are charged \$40 per hour unless otherwise noted (see class schedule). Non-members are ONLY allowed to attend those classes that apply to the Metro Construction Review required hours. CLASSES MUST BE PREPAID BY NON-MEMBERS.

Anyone registered for classes will be billed for the entire class unless cancelled at least 24 hours in advance. Cancellations should be sent to the BIA Office in writing via fax (429-6036), e-mail margie@bialouisville.com or mail (1000 N. Hurstbourne Pkwy., Louisville, KY 40223).

REGISTRATION:

Individuals MUST register for classes via registration form OR online at: www.bialouisville.com. The form must be faxed or mailed to the BIA Office, Attention Margie Brangers. We will accept registrations via e-mail at – margie@bialouisville.com. No reservations will be taken by telephone. 24 hour written cancellation is required for a full refund.

ADDITIONAL CLASSES:

There will be additional classes offered throughout the year. Please watch your mail or call the BIA Office for more information. Occasionally mini-seminars will be offered prior to BIA General Membership Meetings.

REQUIREMENTS:

Some classes do require text books or other class materials. This is the student's expense. Please refer to class schedule. NO PHONES ALLOWED IN CLASS. Extended cell phone use out of the class could result in loss of credit.

Negotiating is such a huge part of our everyday jobs. Learn how to negotiate in regards to buying lots, making deals with buyers, subcontractors and suppliers. Much more information to learn!

Next Generation Bath

(Instructor: Greg Bickley, Schluter Systems)

March 20, 8:30 am – 3 pm (6 hours BIA, 6 hours MCR)

This course covers the next generation of bathroom installations that utilize a barrier free shower. It will cover the moisture management principles with waterproofing, and vapor management. Also included are the uncoupling principles with tile installation near the shower entrance and how to properly connect these two areas. Further, this class will go over the latest technologies with electric heating cables and hydronic heating tubes incorporated in an uncoupling membrane. Lastly this will briefly go over some of the finish edges for tile installation needed to have an appealing look.

Plumbing

(Instructor: Jeff Carlisle, Dauenhauer Plumbing)

February 15, 10 am – 12 noon (2 hours BIA, 2 hours MCR)

This course walks through the plumbing in a house – discussion includes: prevention, trouble shooting and problem solving. Also, reviews plumbing in new construction and will review code changes, scheduling (who, when, why), and materials and installation.

*Project Management

(Instructor: Rocco Pigneri, Ball Homes)

February 6, 12 noon – 3 pm (3 hours BIA, 3 hours MCR)

Define the basic steps a builder and/or his superintendent need to follow to successfully build their project in the most effective and efficient manner while maintaining the required level of quality.

Residential Code Update

**OFF SITE ON NOVEMBER 15th & DECEMBER 13th **

(Instructor: Staff from Metro Construction Review)

November 15, December 13 (This class is two hours of the six hour day.) 9 am – 3:30 pm (6 hours BIA, 6 hours MCR)

The class will be held at the U of L Shelby Campus – Founder's Union Building on November 15th and December 13th.

Resilient Construction

**OFF SITE ON NOVEMBER 15th **

(Instructor: Jill Lewis Smith, A.I.A., Civic Consultants Inc.)

November 15 – (This class is two hours of the six hour day.) 9 am – 3:30 pm (6 hours BIA, 6 hours MCR)

The class will be held at the U of L Shelby Campus – Founder's Union Building on November 15th. This course will include material Ms. Smith is presenting around the country on the synergy of resilient construction with Energy efficient construction. The course covers Disaster Resilience, Storm Sheltering, defining "Net Zero", related Insurance and related Kentucky Building Codes.

Shingle Systems & Most Common Mistakes ****NEW CLASS****

(Instructors: John Thomas – K-I Lumber and John Voorhees - GAF)

February 1, 1 pm – 3 pm AND **Off Site on November 15th (2 hours BIA/2 hours MCR)**

This course covers the installation of residential roofing systems as well as common mistakes, mold, ventilation and warranty requirements. The class will be held at the U of L Shelby Campus – Founder's Union Building on November 15th.

Silica Dust Awareness Training

(Instructor: Linda Griffin, Derby City Safety)

February 15, 1 – 3 pm, March 29, 1 pm – 3 pm, May 17, 1 pm – 3 pm, August 28, 1 pm – 3 pm, October 23, 1 pm – 3 pm (2 hours BIA, 2 hours MCR)

The purpose of this training is to alert your employees to the serious health hazards of silica dust. The KYOSH hazard communication regulations require training employees exposed to hazardous chemicals and dusts including silica.

Site Planning along with MSD Certification Training **

(Instructors: Rocky Pusateri, Elite Homes, Inc./Lester Wurzel, MSD)

May 15, 10 am – 12 noon (2 hours BIA, 2 hours MCR)

Introduction to three dimensional thinking with relation to site elevation and placement of a structure on the building pad.

**Attendees can also obtain certification for MSD training if they choose to register & pay the additional fee the day they attend this class.

*Total Home Builder Framing Class

(Instructor: Bill Ross, Personal Framers LLC)

September 18, 12 noon – 3 pm (3 hours BIA, 3 hours MCR)

This course will be for builders wanting to learn more about framing and how to manage their framing contractors. It will help them get the best product for their money. It will also talk about all the latest trends in framing; panel & trusses, stick framing, Fisher-Sip panels and others.

Window & Door Best Practices AND Weather Resistant Barriers

(Instructor: Frank Perez, Andersen Windows)

September 18, 9 am – 11 am (2 hours BIA, 2 hours MCR)

Learn proper techniques and applications when installing windows

Windows of Opportunity: Fenestration Innovations Driven by Demand

(Instructor: Don Erickson, Door Store and Windows & Steve Lien, Marvin Windows and Doors)

January 18, 10 am – 12 noon (2 hours BIA, 2 hours MCR)

Over the last two decades, windows have evolved more quickly than any other building material, partly in response to demands for greater energy efficiency. Learn how new technologies in the design and manufacture of windows; including new framing materials, coatings, and glazing are advancing the energy efficiency of both historic buildings and new structures. Program will also overview proper installation techniques and the importance of execution.

***NOTE: NO MCR (Metro Construction Review) CREDIT ATTACHED TO CLASSES LISTED IN RED. These classes will NOT count towards your total to be able to pull building permits.**

**Indicates required classes for Associate Builder/Remodelers approved after January, 2000.

BIA EDUCATION DEPARTMENT

2018 Class Schedule By Month

Presenting Sponsors



Official Sponsor



JANUARY 2018

18 - **Managing Moisture in Residential Construction AND Durable Building Enclosure Design** ****NEW CLASS****
8 am – 10 am (2 hours BIA, 2 hours MCR)

18 - **Windows of Opportunity: Fenestration Innovations Driven by Demand**
10 am – 12 noon (2 hours BIA, 2 hours MCR)

18 - ***Insurance, Job Site Safety, Warranties**
1 pm – 3 pm (2 hours BIA, 2 hours MCR)

FEBRUARY 2018

1 - **Guidelines for Quality Concrete** ****NEW CLASS****
9 am – 12 noon (3 hours BIA, 3 hours MCR)

1 - **Shingle Systems & Most Common Mistakes** ****NEW CLASS****
1 pm – 3 pm (2 hours BIA/2 hours MCR)

6 - **Blueprint Reading**
8:00 am – 12 noon (4 hours BIA, 4 hours MCR)

6 - ***Project Management**
12 noon – 3 pm (3 hours BIA, 3 hours MCR)

15 - **Metal Roofing**
8 am – 10 am (2 hours BIA, 2 hours MCR)

15 - **Plumbing**
10 am – 12 noon (2 hours BIA, 2 hours MCR)

15 - **Silica Dust Awareness Training**
1 pm – 3 pm (2 hours BIA, 2 hours MCR)

20 - **CPR/First Aid/Bloodborne Pathogens Class**
(Fee to attend this class is \$75.)
9 am – 12 Noon (3 hours BIA, 0 hours MCR)

MARCH 2018

20 - **Next Generation Bath**
8:30 am–3 pm (6 hours BIA, 6 hours MCR)

27 - **Asphalt Training Class** ****NEW CLASS****
12 noon – 3 pm (3 hours BIA, 0 hours MCR)

29 - ***Accounting**
11 am – 1 pm (2 hours BIA, 2 hours MCR)

29 - **Silica Dust Awareness Training**
1 pm – 3 pm (2 hours BIA/2 hours MCR)

APRIL 2018

24 - **CPR/First Aid/Bloodborne Pathogens Class**
Fee to attend this class is \$75.
9 am – 12 Noon (3 hours BIA, 0 hours MCR)

26 - **Estimating for Remodelers**
8 am – 10 am (2 hours BIA, 2 hours MCR)

26 - **Concrete 101**
10 am – 12 noon (2 hours BIA, 2 hours MCR)

26 - **Foundation Basics** ****NEW CLASS****
1 pm – 2 pm (1 hour BIA, 1 hour MCR)

MAY 2018

15 - **Hardwood Flooring**
8 am – 10 am (2 hours BIA, 2 hours MCR)

15 - **Site Planning**
10 am – 12 noon (2 hours BIA, 2 hours MCR)
(along with possible MSD Training – see class description for details)

15 - **Customer Relations**
1 pm – 3 pm (2 hours BIA, 2 hours MCR)

17 - **Construction Technology & Application**
8:30 am - 12:30 pm (4 hours BIA, 4 hours MCR)
(Current Code Book Required)

17 - **Silica Dust Awareness Training**
1 pm - 3 pm (2 hours BIA, 2 hours MCR)

22 - **CPR/First Aid/Bloodborne Pathogens Class**
(Fee to attend this class is \$75.)
9 am – 12 Noon (3 hours BIA, 0 hours MCR)

AUGUST 2018

21 - **CPR/First Aid/Bloodborne Pathogens Class**
(Fee to attend this class is \$75.)
9 am – 12 Noon (3 hours BIA, 0 hours MCR)

28 - **HVAC**
8 am – 10 am (2 hours BIA, 2 hours MCR)

28 - **Electrical for the Builder: What you need to know to understand the electrical system on your project**
10 am – 12 noon (2 hours BIA, 2 hours MCR)

28 - **Silica Dust Awareness Training**
1 pm - 3 pm (2 hours BIA, 2 hours MCR)

30 - **Negotiating for the Home Building Industry** ****NEW CLASS****
10 am – 12 noon (2 hours BIA, 0 hours MCR)

SEPTEMBER 2018

18 - **Window & Door Best Practices AND Weather Resistant Barriers**
9 am – 11 am (2 hours BIA, 2 hours MCR)

18 - ***Total Home Builder Framing**
12 noon – 3 pm (3 hours BIA, 3 hours MCR)

20 - ***Estimating & Business Management for Builders and Remodelers**
8:30 am – 12:30 pm (4 hours BIA, 4 hours MCR)

OCTOBER 2018

16 - **Advanced Estimating AND Specification Writing**
8:30 am – 3 pm (6 hours BIA, 6 hours MCR)

23 - **CPR/First Aid/Bloodborne Pathogens Class**
(Fee to attend this class is \$75.)
9 am – 12 Noon (3 hours BIA, 0 hours MCR)

23 - **Silica Dust Awareness Training**
1 pm - 3 pm (2 hours BIA, 2 hours MCR)

NOVEMBER 2018

15 - **Six Hour Class** – Residential Code Update, Shingle Systems & Most Common Mistakes, Resilient Construction
9 am – 3:30 pm (6 hours BIA, 6 hours MCR)
****OFF SITE** (These classes will be held at the U of L Shelby Campus, Founder's Union Building.)**

DECEMBER 2018

4 - **CPR/First Aid/Bloodborne Pathogens Class**
(Fee to attend this class is \$75.)
9 am – 12 Noon (3 hours BIA/0 hours MCR)

13 - **Six Hour Class** – Residential Code Update, Installation of Fireplaces to Meet all the Codes, Managing Moisture in Residential Construction AND Durable Building Enclosure Design
9 am – 3:30 pm (6 hours BIA, 6 hours MCR)
****OFF SITE** (These classes will be held at the U of L Shelby Campus, Founder's Union Building.)**

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