

## 2016 EVENT DATES TO REMEMBER

January 30-31, 2016

**Home Product Expo** – Paroquet Springs Conference Centre  
[www.HomeProductExpo.com](http://www.HomeProductExpo.com)

March 18-20, 2016

**Home, Garden & Remodeling Show** – KY Expo Center  
[www.LouisvilleHomeShow.com](http://www.LouisvilleHomeShow.com)

April 30 - May 1, 2016

**Tour of New Homes**  
[www.BIALouisville.com](http://www.BIALouisville.com)

July 16-31, 2016

**Homearama** – Norton Commons AND River Crest Subdivisions  
[www.Homearama.com](http://www.Homearama.com)

August 13-14, 2016

**Tour of Remodeled Homes**  
[www.LouisvilleRemodelTour.com](http://www.LouisvilleRemodelTour.com)



## BIA EDUCATION DEPARTMENT

### 2016 CLASS SCHEDULE

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

Presenting Sponsors



Official Sponsor



#### Advanced Estimating

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

**September 22 - (9 am - 3:30 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.

#### CPR/First Aid/Bloodborne Pathogens

*(Space is limited – 12 per class)*

(Instructor: Linda Griffin, Derby City Safety)

**February 18, May 24, August 16, November 30**

**(9 am - 12 noon)**

(3 hours BIA, 0 hours MCR, 2 hours AGC safety training)

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 \$60.**

#### Concrete 101

*(This class is two hours of the six hour day.)*

(Instructors: Alan Vaesa, IMI & Ron Hartman, Ernst Ready Mix)

**November 8 - (9 am - 3:30 pm)**

(6 hours BIA, 6 hours MCR)

**CLASSES OFF SITE -- NOT AT BIA OFFICE**

**This class will be held at the U of L Shelby Campus – Founder's Union Building.**

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.)

**November 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.

**Difference between “Prescriptive Path” and “Performance Path” of Energy Code Compliance for Residential Buildings per the 2009 IECC**

(Instructor: Eric George, Building Performance Group)

**March 8 - (12 noon - 4 pm)**

(4 hours BIA/4 hours MCR)

Topics to cover will include: insulation requirements and best practices, window & door requirements, HVAC requirements including heating & cooling load calculations, duct-sealing and testing requirements, air-sealing and testing requirements, and HERS Ratings and how they are used in the “performance path” of compliance.

#### Electrical – Low Voltage Systems

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

**November 10 - (8:30 am - 12:30 pm)**

(4 hours BIA, 4 hours MCR)

A brief course that will include knowledge that teaches how to deal with all integrated electrical systems within the home.

#### Electrical Code Update

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

**February 16 - (8:30 am - 12:30 pm)**

(4 hours BIA, 4 hours MCR)

A brief course that will include the latest Code updates relating to the electrical requirements in your new home. Dealing with contractors, inspectors and safety issues.

#### EPA Lead Renovator Refresher Training

(Instructor: Linda Griffin, Derby City Safety)

**February 23, April 26, October 13 - (12 noon – 4 pm)**

(4 hours BIA, 4 hours MCR)

OR

**August 23, December 13 - (8:30 am - 12:30 pm)**

(4 hours BIA, 4 hours MCR)

This class is ONLY for individuals who have previously completed the Lead Renovator Initial Certification in compliance with the Renovator, Repair, and Painting (RRP) rule. EPA requires re-certification every 5 years. In order to attend this class, you must bring a copy of your Initial Training Certification with you on the day of class. **\*NOTE: Fee to attend this class is \$125**

#### \*Estimating & Business Management for Builders and Remodelers

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

**September 27 - (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)**  
**March 10 - (10 am - 12 noon)**  
(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.

**HVAC 101**  
**(Instructor: Ron Kramer, Prudential Heating & Air Conditioning)**  
**February 16 - (8:30 am - 12:30 pm)**  
(4 hours BIA, 4 hours MCR)  
A brief course that will include items builders NEED TO KNOW when it comes to working with their HVAC contractor and inspectors.

**HVAC 201**  
**(Instructor: Ron Kramer, Prudential Heating & Air Conditioning)**  
**November 10 - (8:30 am - 12:30 pm)**  
(4 hours BIA, 4 hours MCR)  
This course will look at the BIA house plans and review the duct design. It will touch on how the duct design can influence the framing of a house and/or its basement.

**Installation of Fireplaces to Meet all the Codes**  
**(Instructor: Tom Raver, Fireplace Distributors)**  
**November 17 - (1 pm - 3 pm)**  
(2 hours BIA, 2 hours MCR)  
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: Stan Logan, Jr., Logan Lavelle Hunt Insurance/ Jon Mundell, JV Resources/John Sizemore, 2-10 Home Buyers Warranty)**  
**August 25 - (9 am - 11 am)**  
(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.

**Make-Up Air for Ventilation Products**  
**(Instructors: Linda Dumstorf, The Trend Appliance Company/Ron Kramer, Prudential Heating & Air Conditioning)**  
**April 14 - (1 pm - 3 pm)**  
(2 hours BIA, 2 hours MCR)  
Learn about ventilation products in the market and the difference between them, cooking manufacturer recommendations, what is make up air and why it is needed.

**Next Generation Bath**  
**(Instructor: Jeremy Ghent, Schluter Systems)**  
**December 13 - (9 am - 3:30 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 101**  
**(Instructor: Gary Thieneman, Dauenhauer Plumbing)**  
**February 16 - (8:30 am - 12:30 pm)**  
(4 hours BIA, 4 hours MCR)  
This course walks through the plumbing in a house – discussion includes: prevention, trouble shooting and problem solving.

**Plumbing 201**  
**(Instructor: Gary Thieneman, Dauenhauer Plumbing)**  
**November 10 - (8:30 am - 12:30 pm)**  
(4 hours BIA, 4 hours MCR)  
This course 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)**  
**November 10 - (1 pm - 4 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**  
**(This class is two hours of the six hour day.)**  
**(Instructor: Dave Marchal, Metro Construction Review)**  
**January 26, November 8, December 8 - (9 am - 3:30 pm)**  
(6 hours BIA, 6 hours MCR, 2 hours AGC safety training)

**CLASSES OFF SITE -- NOT AT BIA OFFICE**  
**This class will be held at the U of L Shelby Campus – Founder's Union Building on November 8th and December 8th.**

**Safety Training Courses**  
**(Space is limited – 50 per class)**  
(2 hours BIA, 2 hours MCR **except classes highlighted in red**, all safety classes count for 2 hours AGC safety training)  
(Instructor: Linda Griffin, Derby City Safety)

**January 19, 9 am - OSHA Recordkeeping & Reporting/Job Hazard Analysis**

**February 23, 9 am - Inspections, Citations and Focused Inspections**

March 8, 9 am - Asbestos Awareness When Renovating Older Homes or for Winterization Programs

March 29, 9 am - Power Tool Safety/Electrical Safety

**April 19, 9 am - Landscaping and Lawn Care Safety/Hearing Conservation Program**

April 26, 9 am - Personal Protective Equipment/Ladder Safety

September 13, 9 am - Asbestos Awareness When Renovating Older

# BIA EDUCATION DEPARTMENT

## REGISTRATION AGREEMENT

Presenting Sponsors



Official Sponsor



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 \$15 per hour for BIA Members, \$20 per hour for members of other HBA/BIA and \$30 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](http://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

Presenting Sponsors



Official Sponsor



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. Associated General Contractors safety training classes (AGC).

#### 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 \$15 per hour unless otherwise noted (see class schedule).

HBA/BIA Members outside the Louisville area are charged \$20 per hour unless otherwise noted (see class schedule).  
Non-Members are charged \$30 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.

Homes or for Winterization Programs

September 20, 9 am - Mold Awareness & Basic Mold Testing for Emergency Renovations after Disasters/Fires/Floods

October 11, 9 am - OSHA Recordkeeping and Reporting/Job Hazard Analysis

October 13, 9 am - Residential Fall Prevention/Ladder Safety

October 18, 9 am - Power Tool Safety/Electrical Safety

October 25, 9 am - Personal Protective Equipment/Power Tool Safety

October 25, 1 pm - Asbestos Awareness When Renovating Older Homes or for Winterization Programs

October 27, 9 am - Introduction to OSHA

October 27, 1 pm - Trenching & Excavations/Residential Fall Prevention

#### Site Planning along with MSD Certification Training \*\*

(Instructors: Rocky Pusateri, Elite Homes, Inc./Bob Stauble, MSD)

April 14 - (9 am - 11 am)

(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 prior to the class at www.lifelonglearning4u.com and choose the MSD – Homebuilder EPSC Training. The MSD training fee is currently \$75 and is paid when applicant registers on-line for the MSD class at the above web address. MSD certification is good for three years. Remember, attendee will still be charged the BIA member cost of \$30 to attend this class even though payment was made for MSD training. Non-members will still be charged \$60 to attend this class even though payment was made for MSD training.

**NOTE: Attendees will not be able to obtain MSD certification for this class unless they register for the MSD training prior to the class at the web address listed above.**

#### Specification Writing

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

September 22 – (9 am – 3:30 pm)

(6 hours BIA, 6 hours MCR)

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.

#### \*Total Home Builder Framing Class

(Instructor: Bill Ross, Personal Homes & Remodeling, Inc.)

November 29 - (1 pm - 4 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.

#### Truss Technology

(This class is two hours of the six hour day.)

(Instructor: Keith Kinser, Kintec LLC)

January 26 - (9 am - 3:30 pm)

(6 hours BIA, 6 hours MCR)

Learn about key points to consider in the field inspection of trusses. Also includes an overview of truss terminology.

#### Window & Door Best Practices AND Weather Resistant Barriers

(This class is two hours of the six hour day.)

(Instructor: Frank Perez, Andersen Windows)

December 8 - (9 am - 3:30 pm)

(6 hours BIA, 6 hours MCR)

#### CLASSES OFF SITE -- NOT AT BIA OFFICE

This class will be held at the U of L Shelby Campus – Founder's Union Building.

Learn proper techniques and applications when installing windows.

**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

## 2016 CLASS SCHEDULE BY MONTH



### JANUARY 2016

#### 19 - Safety Training – OSHA Recordkeeping & Reporting/Job Hazard Analysis

9 am - 11 am (2 hours BIA/0 hours MCR/2 hours AGC safety training)

#### 26 – Residential Code Update/Truss Technology/Safety Training – Asbestos Awareness When Renovating Older Homes or for Winterization Programs

9 am - 3:30 pm (6 hours BIA/6 hours MCR)

### FEBRUARY 2016

#### 16 - HVAC 101, Electrical Code Update, Plumbing 101

8:30 am - 12:30 pm (4 hours BIA, 4 hours MCR)

#### 18 - CPR/First Aid/Bloodborne Pathogens Class

*(Fee to attend this class is \$60.)*

9 am - 12 Noon (3 hours BIA/0 hours MCR/2 hours AGC safety training)

#### 23 - Safety Training – Inspections, Citations and Focused Inspections

9 am - 11 am (2 hours BIA/0 hours MCR/2 hours AGC safety training)

#### 23 - EPA Lead Renovator Refresher Training

*(Fee to attend this class is \$125)*

12 noon - 4 pm (4 hours BIA, 4 hours MCR)

### MARCH 2016

#### 8 - Safety Training – Asbestos Awareness When Renovating Older Homes or for Winterization Programs

9 am - 11 am (2 hours BIA/2 hours MCR/2 hours AGC safety training)

#### 8 - Difference between “Prescriptive Path” and “Performance Path” of Energy Code Compliance for Residential Buildings per the 2009 IECC

12 noon - 4 pm (4 hours BIA/4 hours MCR)

#### 10 - Estimating for Remodelers

10 am - 12 noon (2 hours BIA, 2 hours MCR)

#### 29 - Safety Training – Power Tool Safety/Electrical Safety

9 am - 11 am (2 hours BIA/2 hours MCR/2 hours AGC safety training)

### APRIL 2016

#### 14 - Site Planning

9 am - 11 am (2 hours BIA, 2 hours MCR)

*(along with possible MSD Training – see class description for details)*

Presenting Sponsors

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#### 14 - Make-Up Air for Ventilation Products

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

#### 19 - Safety Training – Landscaping and Lawn Care Safety/Hearing Conservation Program

9 am - 11 am (2 hours BIA/0 hours MCR/2 hours AGC safety training)

#### 26 - Safety Training – Personal Protective Equipment/Ladder Safety

9 am - 11 am (2 hours BIA/2 hours MCR/2 hours AGC safety training)

#### 26 - EPA Lead Renovator Refresher Training

*(Fee to attend this class is \$125)*

12 noon - 4 pm (4 hours BIA, 4 hours MCR)

### MAY 2016

#### 24 - CPR/First Aid/Bloodborne Pathogens Class

*(Fee to attend this class is \$60.)*

9 am - 12 Noon (3 hours BIA/0 hours MCR/2 hours AGC safety training)

### AUGUST 2016

#### 16 - CPR/First Aid/Bloodborne Pathogens Class

*(Fee to attend this class is \$60.)*

9 am - 12 Noon (3 hours BIA/0 hours MCR/2 hours AGC safety training)

#### 23 - EPA Lead Renovator Refresher Training

*(Fee to attend this class is \$125)*

8:30 am - 12:30 pm (4 hours BIA, 4 hours MCR)

#### 25 \*Insurance, Job Site Safety, Warranties

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

### SEPTEMBER 2016

#### 13 - Safety Training – Asbestos Awareness When Renovating Older Homes or for Winterization Programs

9 am - 11 am (2 hours BIA/2 hours MCR/2 hours AGC safety training)

#### 20 - Safety Training – Mold Awareness & Basic Mold Testing for Emergency Renovations after Disasters/Fires/Floods

9 am - 11 am (2 hours BIA/0 hours MCR/2 hours AGC safety training)

#### 22 - Advanced Estimating AND Specification Writing

9 am - 3:30 pm (6 hours BIA/6 hours MCR)

#### 27 - \*Estimating & Business Management for Builders and Remodelers

8:30 am - 12:30 pm (4 hours BIA, 4 hours MCR)

### OCTOBER 2016

#### 11 - Safety Training – OSHA Recordkeeping and Reporting/Job Hazard Analysis

9 am - 11 am (2 hours BIA/0 hours MCR/2 hours AGC safety training)

#### 13 - Safety Training – Residential Fall Prevention/Ladder Safety

9 am - 11 am (2 hours BIA/2 hours MCR/2 hours AGC safety training)

#### 13 - EPA Lead Renovator Refresher Training

*(Fee to attend this class is \$125)*

12 noon - 4 pm (4 hours BIA, 4 hours MCR)

#### 18 - Safety Training – Power Tool Safety/Electrical Safety

9 am - 11 am (2 hours BIA/2 hours MCR/2 hours AGC safety training)

#### 25 - Safety Training – Personal Protective Equipment/Power Tool Safety

9 am - 11 am (2 hours BIA/2 hours MCR/2 hours AGC safety training)

#### 25 - Safety Training – Asbestos Awareness When Renovating Older Homes or for Winterization Programs

1 pm - 3 pm (2 hours BIA/2 hours MCR/2 hours AGC safety training)

#### 27 - Safety Training – Introduction to OSHA

9 am - 11 am (2 hours BIA/0 hours MCR/2 hours AGC safety training)

#### 27 - Safety Training – Trenching & Excavations/Residential Fall Prevention

1 pm - 3 pm (2 hours BIA/2 hours MCR/2 hours AGC safety training)

### NOVEMBER 2016

#### 8 - Six Hour Class – Residential Code Update, Concrete 101, Safety Training – Mold Awareness & Basic Mold Testing for Emergency Renovations after Disasters/Fires/Floods

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.)**

10 - HVAC 201, Electrical Low Voltage Systems, Plumbing 201  
8:30 am - 12:30 pm (4 hours BIA, 4 hours MCR)

#### 10 - \*Project Management

1 pm - 4 pm (3 hours BIA, 3 hours MCR)

#### 17 - Construction Technology & Application

8:30 am - 12:30 pm (4 hours BIA, 4 hours MCR)

*(Current Code Book Required)*

#### 17 - Installation of Fireplaces to Meet all the Codes

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

#### 29 - \*Total Home Builder Framing

1 pm - 4 pm (3 hours BIA, 3 hours MCR)

#### 30 - CPR/First Aid/Bloodborne Pathogens Class

*(Fee to attend this class is \$60.)*

9 am - 12 Noon (3 hours BIA/0 hours MCR/2 hours AGC safety training)

### DECEMBER 2016

#### 8 - Six Hour Class: Residential Code Update, Window & Door Best Practices AND Weather Resistant Barriers, Safety Training – Power Tool Safety/Residential Fall Prevention

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.)**

#### 13 - EPA Lead Renovator Refresher Training

*(Fee to attend this class is \$125)*

8:30 am - 12:30 pm (4 hours BIA, 4 hours MCR)

#### 13 - Next Generation Bath

9 am - 3:30 pm (6 hours BIA, 6 hours MCR)

**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.**