



**December 6, 2013**

**QUARTERLY TRAINING**

**WFCM Updates**

**9:30 am - 4:30 pm**



**Location:** Louisiana Municipal Association, 700 N. 10<sup>th</sup> Street, Baton Rouge, La 70802.

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_ COMPANY: \_\_\_\_\_

EMAIL: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

Training Fund Levy:      **Members**                      \$60.00                     

**Non Members**                      \$100.00                     

**Make check payable to:      Building Officials Association of Louisiana (BOAL)**  
**P.O. Box 4327**  
**Baton Rouge, La 70821**

Registration will open at 8:00 am – 10:00 am, Lunch will be served at 12:00 pm – 1:00 pm.

You can also register online at [www.myboal.org](http://www.myboal.org) if you need assistance with online registration please contact Amber Wilkinson at (225) 344-5001 or [awilkinson@lma.org](mailto:awilkinson@lma.org).



The *2001 Edition of the Wood Frame Construction Manual (WFCM) for One- and Two-Family Dwellings* (ANSI/AF&PA WFCM-2001) has been updated to the 2012 WFCM which is referenced in the *2012 International Building Code*. This seminar will cover the 2001 WFCM and Workbook and provide an overview of the 2012 WFCM significant changes.

### ***Wood Frame Construction Manual 2001 Edition (1 hour)***

Apply provisions for designing wood frame structures for wind, snow, and seismic loads based on the *Wood Frame Construction Manual (WFCM) for One- and Two-Family Dwellings, 2001 Edition*.

#### **Learning Outcomes:**

Upon completion of this course, participants will:

1. Understand the purpose of the *2001 WFCM* and its development process.
2. Understand the code acceptance and references.
3. Be familiar with the *2001 WFCM* document layout.
4. Be familiar with the design provisions including:
  - shear walls and the “Standard” Shear Wall concept
  - wind load resistance and behavior
  - snow load resistance
  - seismic load resistance and behavior.

### ***Design of Wood Frame Buildings for High Wind, Snow, and Seismic Loadings (WFCM Workbook)*** ***(4 hours)***

This learn-by-example workbook-course provides a design example, typical checklist, and background information related to design of a wood-frame structure in accordance with AF&PA's *Wood Frame Construction Manual (WFCM) for One- and Two- Family Dwellings, 2001 Edition*. The design example uses plans from a 2-story residence as the basis for a structural design to resist wind, seismic, and snow loads. The workbook is heavily referenced to the *2001 WFCM* to aid in understanding how to use the time-saving tools and tables offered by the *2001 WFCM*.

#### **Learning Outcomes:**

Upon completion of this course, participants will:

1. Understand the purpose of the *2001 WFCM* and Workbook.

2. Be knowledgeable about the background related to the design of wood structures per the WFCM.
3. Be familiar with utilizing the WFCM as it relates to designing wood frame structures for wind, seismic, and snow loads.
4. Be familiar with how to use the workbook on future projects.

Free download: <http://awc.org/pdf/wfcm2001workbookandappendix.pdf>

### ***Wood Frame Construction Manual 2012 Edition Significant Changes (1 hour)***

This presentation will provide an overview of the significant changes in the 2012 WFCM relative to the previous 2001 edition. The 2012 WFCM has been adopted in the 2012 International Building Code.

#### **Learning Outcomes:**

Upon completion of this course, participants will:

1. Understand the purpose of the *2012 WFCM* and its development process.
2. Be familiar with the significant changes between the 2001 and 2012 WFCM.
3. Be able to analyze format and content within the 2012 WFCM.
4. Be familiar with additional resources that are available.

Free download: <http://www.awc.org/pdf/2012-WFCM-Changes-Web.pdf>