AF&PA

AMERICAN WOOD COUNCIL

Engineered and Traditional Wood Products

Seminar for High Wind, Snow, and Seismic Provisions

October 27, 2003
&
November 10, 2003

~Offered by~
AF&PA's
American Wood Council

AWC is offering two separate (1) day seminars on Monday, October 27, 2003 and Monday, November 10, 2003. Each all day course will feature ***high wind, snow, and seismic provisions*** within the ***Wood Frame Construction Manual (WFCM) 2001 Edition***. The WFCM layout and provisions are presented, along with a discussion of wood building behavior under gravity and lateral load. The course steps through the detailed structural design of a 2-story house subjected to gravity (dead, live, and snow) and lateral (wind and seismic) loads, including design of all components, diaphragms, shearwalls, and connections.
A *comprehensive workbook* http://www.awc.org/pdf/wfcm2001workbook.pdf (click on the link to download workbook) with very useful blank worksheets, checklists, and related journal papers comes with the course as well as a CD Rom containing the workbook and other design information. The *2001 WFCM* is not included in the registration fee, but will be available for purchase at the seminar.

Seminar Location

Hampton Inn & Suites
117 Fort Evans Rd.
Leesburg, VA 20175
703-669-8640

Hotel Accommodations:

Room Reservations can be made at the Hampton Inn & Suites by calling 703-669-8640.

To receive the **$89.00 a night** rate, please mention American Wood Council.

Morning Session

8:30 AM – 8:45 AM
Registration/Coffee

8:45 AM – 10:15 AM
Wood Frame Construction Manual for One- and Two-Family Dwellings, 2001 Edition - Overview

10:15 AM – 10:30 AM
Break

10:30 AM – 12:00 Noon
Design of Wood Frame Buildings for High Wind, Snow, and Seismic Loadings using WFCM 2001

General Issues
- Building Description
- Loads on the Building
- WFCM applicability limits
- Prescriptive design limits
- Load Paths
- Design checklist

Roof story design
- Roof framing
- Ceiling framing
- Roof/ceiling sheathing
- Connections

12 Noon – 1 PM
Lunch – provided

Afternoon Session

1:00 PM – 2:30 PM
Design of Wood Frame Buildings for High Wind, Snow, and Seismic Loadings using WFCM 2001 – continued

Top Story Design
- Wall framing
- Wall sheathing
- Floor framing
- Floor sheathing
- Connections

2:30 PM – 2:45 PM
Break

2:45 PM – 4:00 PM
Design of Wood Frame Buildings for High Wind, Snow, and Seismic Loadings using WFCM 2001 – continued

Bottom Story Design
- Wall framing
- Wall sheathing
- Floor framing
- Floor sheathing
- Connections

4:00 PM – 5:00 PM
Using WoodWorks® for lateral and gravity design.

Continuing Education Units (CEU)

7 hours of credit will be awarded for this seminar (0.7 CEU or 7 Learning Units or 7 Professional Development Hours). For AIA members, these are Health, Safety and Welfare credits.

Instructors

Buddy Showalter, P.E.
American Wood Council
Director, Technical Media

Robert Taylor, Ph.D., P.Eng.
American Wood Council
Director, Technology Transfer

Registration Details

Member/Non-Member Fee:
$50.00

Registration can be made on-line by clicking on the following link: http://www.afandpa.org/Template.cfm?Section=Events_Calendar&template=Calendar/CalendarEventList.cfm&List=True

Click here for more information on **Design Professional Membership** $100/year. http://www.awc.org/HelpOutreach/dpm/index.html

Registration deadline is **October 13**. **Seats are limited to 50 per class.** Directions to the hotel will be provided with registration packets. Parking is available on-site and a complimentary shuttle is available from Dulles Airport.

Inquiries

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