

2009 Built Green® Education Classes



and



Olympia Master Builders

In partnership with



Present a series of classes for builders and industry professionals who are wanting to know more about high performance, energy efficient, and sustainable building techniques and materials.

*Over for
registration
Information!*



HOUSE AS A SYSTEM / ALTERNATIVE ENERGY SYSTEMS

WEDNESDAY, SEPTEMBER 30, 2009 8:00 AM—5:00 PM

OLYMPIA MASTER BUILDERS OFFICE (1211 STATE AVENUE NE, OLYMPIA)

MEMBERS: \$75 / NON-MEMBERS: \$100

Part 1: House as a System - Houses are interactive systems, and an improvement to one part of a home can sometimes cause unanticipated effects on another part. Improve your ability to anticipate these effects in order to prevent negative consequences in existing homes and new construction projects. Learn the how the basic principles of heat flow, air flow and moisture impact all buildings.

Part 2: Alternative Energy Systems - Property owners are increasingly interested in including renewable energy systems in their building plans to reap the operating cost savings and take advantage of government incentives. This class provides you with the knowledge you need to answer these initial inquiries and include such systems in your project planning. The class will provide an overview of photovoltaic, solar hot water, small wind, micro-hydro, and ground source heat pump systems. We will discuss how these systems work, site considerations, the design process, cost-payback relationships and construction implications.

BACK TO SCHOOL BREAKFAST SERIES

WEDNESDAYS IN OCTOBER 7:30 AM—9:30 AM

MBA OF PIERCE COUNTY OFFICE (1120 PACIFIC AVE., SUITE 301, TACOMA)

MEMBERS: \$25 PER SESSION / \$75 FOR ALL 4 SESSIONS / NON-MEMBERS: \$30 / \$90 FOR ALL 4

October 7: Building Envelopes That Perform - Everyone understands the importance of using framing and insulation strategies in homes to provide energy savings, comfort and durability. But often misunderstood are the steps needed to make sure framing and insulation work together to do their job. Learn what framing, blocking and air sealing details builders across the nation have used to enhance the performance and quality of their homes.

October 14: Advanced Framing - Everybody wants the best value for their money, especially when buying a home. Advanced framing refers to framing techniques that reduce the amount of lumber used to build a home while maintaining the structural integrity of the building. Proper application of these techniques results in lower material and labor costs as well as improved energy performance.

October 21: Selling Northwest ENERGY STAR and Energy Efficiency - This class explores what increasing energy costs and growing environmental concerns amongst home buyers means for builders, sales professionals and appraisers. Learn how a Northwest ENERGY STAR home addresses these concerns and how to educate potential buyers on the value of energy efficiency and get the tools, training and take-home handouts to maximize your sales.

October 28: The Healthy House (IAQ for Builders) - Sick buildings, mold and air quality issues have become a huge burden for the construction industry. Insurance companies are rapidly abandoning coverage for these issues. Learn how your current construction practices may be increasing your liability and exposing you to possible legal action and how you can avoid it. Learn cost effective ventilation strategies for improving indoor air quality.

GETTING THE DUCTS INSIDE / HEAD'S UP: CODE CHANGES RE DUCTS

WEDNESDAY, NOVEMBER 4, 2009 8:00 AM—12:00 PM

OLYMPIA MASTER BUILDERS OFFICE (1211 STATE AVENUE NE, OLYMPIA)

MEMBERS: \$50 / NON-MEMBERS: \$75

Part 1: Getting the Ducts Inside - Learn about the benefits of bringing central forced air system duct work within the conditioned envelope—including financial incentives. Is there a difference between bringing ducts inside and expanding conditioned space around the ducts? How do you know if ducts are really inside? Hear from people who have brought ducts inside conditioned space in the Northwest.

Part 2: Code Changes: Testing and Sealing Ducts - Learn about upcoming code changes that will require all new homes to have their duct systems properly sealed and performance tested. Builders need to know what will be expected of them, what questions to ask of their HVAC contractor and the resources available to help them deal with the code changes.

2009 Built Green® Education Class Registration

Additional Course—

“Green Building for Building Professionals”

November 11 & 12
MBA of Pierce Co. Office

This course discusses strategies for incorporating green-building principles into homes without driving up the cost of construction. You will learn how green homes provide buyers with better value, quality and better long-term value. Techniques are also discussed for competitively differentiating your home products with increased indoor environmental quality as well as energy and resource efficiency.

Your Instructor...

Bruce Carter, a principal of Carter Consulting, is regionally recognized for his expertise in building science and how it applies to energy efficient and sustainable construction. With experience in all sectors of the construction industry and over 20 years as a trainer, Bruce is noted for his ability to take complex subject material and deliver it in an easily understood and engaging manner. Bruce is nationally certified Sustainable Building Adviser.

This course is required for NAHB's new Certified Green Professional (CGP) designation.

REGISTER WITH BIAW FOR THIS COURSE AT 800-228-4229 TODAY!

NAME(S): _____

COMPANY: _____

ADDRESS: _____

PHONE: _____ E-MAIL: _____

Payment: Credit card Check (enclosed)

Card #: _____

Exp. Date: _____ V-Code: _____

Payment Amount: \$ _____

Name on Card: _____

Signature: _____

**PLEASE CIRCLE THE THURSTON COUNTY CLASSES YOU WOULD LIKE TO REGISTER FOR BELOW. SEND YOUR REGISTRATION FORM AND PAYMENT FOR THESE CLASSES TO:
1211 STATE AVE. NE, OLYMPIA, WA 98506 OR FAX TO (360) 754-7448**

House as a System / Alternative Energy Sources: September 30

MEMBERS: \$75 NON-MEMBERS: \$100

Getting the Ducts Inside / Heads Up: Code Changes re Ducts

MEMBERS: \$50 NON-MEMBERS: \$75

**PLEASE CIRCLE THE PIERCE COUNTY CLASSES YOU WOULD LIKE TO REGISTER FOR BELOW. SEND YOUR REGISTRATION FORM AND PAYMENT FOR THESE CLASSES TO:
P.O. BOX 1913, TACOMA, WA 98401 OR FAX TO (253) 383-1047**

Back to School Breakfasts:

Oct. 7 (Building Envelopes) / Oct. 14 (Advanced Framing) /

Oct. 21 (Selling NW Energy Star & Energy Efficiency) / Oct. 28 (Healthy House (IAQ for Builders))

MEMBERS: \$25 PER SESSION / \$75 FOR ALL 4 NON-MEMBERS: \$30 PER SESSION / \$90 FOR ALL 4

Questions?

Stacey Genzlinger at (360) 754-0912 (Olympia Master Builders)

OR

Call Tiffany Speir at (253) 272-2112 ext. 105 (MBA of Pierce Co.)