

2006 Continuing Education for Building Professionals
Jefferson/Madison County Program, 6/1 & 6/2, 8:30 am-4:30 pm
275 N Mulberry St., Monticello, FL 32344 (850)342-0187



Energy Efficient Building Construction in Florida 10 ceh's

Energy Efficient Construction: Review 8 key elements of energy efficient construction and identify related benefits (economic, IEQ, comfort, durability...)

Building as a System: An overview of residential energy conservation through understanding heat and moisture movement in a building. Design considerations that function well amid fluctuating temperatures, moisture levels, and air pressures are addressed.

Air Leakage-Materials and Techniques: Reviews current and new building techniques that limit building air infiltration, moisture and water damage/intrusion issues.

Insulation-Materials and Techniques: A reference for understanding the building as a system with explanations of materials and techniques for creating efficient building envelopes.

Windows and Doors: Discusses the benefits of high performance windows/doors and identifies the technologies and design features that improve their energy efficiency and structural performance. Discusses door installation procedures to minimize air leakage.

Design for Cooling and Heating (HVAC) System Efficiency: Discusses HVAC system design issues regulated by the new Florida Building Code and how these and other issues affect the comfort, health and utility bills of a typical Florida home. Attention is paid to the impacts of Florida's hot, humid climate on system efficiency

Duct Systems for Florida's Hot, Humid Climate: Discusses correlation between IEQ problems and duct design issues. Goals will include minimizing energy costs and problems relating to health concerns. Duct materials selection and sealing is addressed

Domestic Water Heating: Provides an overview of water heating conservation measures, water heating units, fuel types and energy factors. Additional water conserving measures are included.

Appliances and Lighting: Examines minimum standards for major appliances and reviews current protocol for Energy Star certification. Discusses various lighting criteria that equip buildings with appropriate energy efficient and cost effective lighting systems.

Siting and Passive Design Features: Considers how proper site and orientation selection promote energy efficiency by taking advantage of natural features such as breezes, sunlight, shade and topography. 10 ceh's CILB 0008991 / FBPE exp00180

CILB and Advanced Code Requirements 4 ceh's

Understanding OSHA CILB0007009/AR9876599 (1 ceh)*

Workers' Compensation CILB 0006539/AR9876597 (1 ceh)*

Green and Profitable Marketing CILB000175/AR9876598 (1 ceh)*

FBC Adv. Code Building Structural Summary 2004

CILB 0008584 / AR 9877317 (1ceh)**

*satisfies CILB requirements **satisfies advanced code requirement

Provider Numbers: CILB/BCAI/BOLA 1129, BOAR/ID 8074
 BCAA 1178, FBPE EXP 00108

Program for Resource Efficient Communities

Earn all 14 required cehs by attending the University of Florida's two-day, 14-hour Energy Efficient Building Construction in Florida. Created by the Florida Energy Extension Service, this highly interactive continuing education program is designed for licensed building professionals. To register for a program, complete the registration information below, and FAX or mail your completed form to:

University of Florida
 Florida Energy Extension Service
 Attention: Chris Swanson
 P.O. Box 110940
 Gainesville, FL 32611-0940
 Fax (352) 392-9033

Upon receipt of your registration form and payment, an information sheet with a class times, map and contact information will be faxed or mailed to you. For more info contact Larry Halsey at Jefferson Co. (850)342-0187

Name: _____

Company: _____

Address: _____

City: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____

License # _____

Please include all license numbers

I would like to attend (check all that apply):

- All day, both days (14 cehs) \$225
- Energy Efficient Building Construction (10 cehs) \$175
- CILB and Adv. Code Requirements (4 cehs) \$100

Please select method of payment.

My check payable to the **University of Florida** in the amount of \$ _____ is enclosed.

Please charge my credit card (VISA, MC, AM EXP only) \$ _____

Print name as it appears on card:

Card number:

Expiration date:

___ / ___

<http://www.energy.ufl.edu/cecampus>