

Date: Thursday, August 6, 2009

Time: 11:30 am Registration
12:00 - 3:00 pm Seminar
(3 PDH)

Location:

University of Texas at Arlington (UTA)
Nedderman Hall, Room 105
416 Yates Street
Arlington, Texas 76010

Reservation: tony.finch@mail.ashrae.org

ASHRAE SUMMER SEMINAR



ASHRAE DALLAS-FT. WORTH CHAPTER

ASHRAE 90.1-2007 Update and Overview

Larry O. Degelman, P.E.
Professor Emeritus of Architecture
Texas A&M University

Seminar Description:

This workshop is intended for engineers, architects, and code officials who anticipate either applying, conforming to, or evaluating the ASHRAE 90.1-2007 code to commercial building projects in Texas and elsewhere. The content includes a cursory coverage of the entire Standard 90.1 document as well as a review of some of the more substantive changes/additions made since the 2004 version was issued. Most of the workshop focus is on the Mandatory and Prescriptive Requirements, while only a brief mention is made of the ECB methodology. Participants can be either new to the code or experienced in its use.

Content:

- Workshop introduction & energy code status in Texas.
- Highlights of 90.1-2007 and the update changes from the 2004 version.
- Alterations and exemption conditions.
- Overview of the 90.1-2007 document, climate zones, & envelope criteria
- Details of the HVAC and SWH provisions
- Details of the lighting, power and equipment provisions
- ECB Methodology, Appendix G, AEDG, tax incentives and software.

Presenter:

As a former Professor of Architecture at Texas A&M University, Mr. Degelman developed and taught graduate level courses in energy optimization techniques, computer-aided design (CAD) applications to building design, weather and energy simulation techniques, design and analysis of HVAC systems in buildings, energy software development, solar energy technology and applications, and life-cycle cost approach to building system design and evaluation.

He is currently working as a consultant to the Energy Systems Laboratory at Texas A&M. He has prepared and conducted ASHRAE 90.1 training workshops for engineers, architects, code officials and building inspectors on the Energy-Efficiency codes and standards for buildings in Austin, Dallas, Houston and San Antonio, March 2004 through June 2009.

Author and developer of Ener-Win©, energy simulation software for building design under the Windows® operating system. Currently marketing version 2002 worldwide.

Seminar Price is \$50.00 - Check payable to Fort Worth ASHRAE

3 PDH Credits will be available upon request.