

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 Line: (972) 780-6019

Or online: [www.dallas-ashrae.org](http://www.dallas-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.

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**Seminar Price is \$50.00.**

**3 PDH Credits will be available upon request.**