



**TRANE**<sup>®</sup>

# TRACE 700 TRAINING

Design, analysis, and system selection are critical elements of high performance building design. **TRACE 700** is a comprehensive building analysis tool that allows engineers and contractors to model virtually **any** building, HVAC system and economic/utility scenario. You can compare alternatives and make decisions based on building life cycle costs. **TRACE 700** also allows you to save time, be more accurate, and more cost effective in your computer aided design work.

## ***Trane Baltimore is offering 3 different training classes:***

- ▶ *TRACE 700, Load Design*** - Learn how to model complex building geometries and systems to fine-tune the design of critical building functions. Examine TRACE 700's time saving templates of construction types, weather data, etc. Build schedules to control occupancy, lighting and miscellaneous building loads.
- ▶ *TRACE 700, Energy Analysis*** - Through hands-on training, attendees will learn how to show the benefits of advanced HVAC technology on high efficiency equipments by comparing its energy and economic benefits with those of a base system, to be smarter when choosing equipment that will provide the best comfort at the lowest cost to the building owner, and how to customize utility rate information and turn it into actual dollar figures when choosing a system. Approved by the US Internal Revenue Service for Energy Savings Certification when applying for Energy Policy Act tax deductions.
- ▶ *TRACE 700 Advanced Topics*** - This course covers:
  - Base Loaded Chillers, Plate and Frame Free Cooling, Hybrid Chiller Plant Design, Chiller Plant Design - Series & Parallel, Low Flow, Exhaust Air Heat Recovery Chiller Sequencing, Full Year vs. Part Year Energy Analysis, Chiller Tower Optimization, ASHRAE 62 Impacts, and Thermal Storage.
  - \*\*Please let us know if there is another particular topic that you would like covered during this session.

**Dates:** TRACE 700, Load Design - Tuesday, September 18, 2007  
TRACE 700, Energy Analysis - Wednesday, September 19, 2007  
TRACE 700 Advanced Topics - Thursday, September 20, 2007

**Time:** 8:00AM - 5:00PM

**Location:** Trane Baltimore  
9603 Deereco Road, Suite 400  
Timonium, MD 21093

**Cost:** 1 Class - \$300.00  
2 Classes - \$500.00  
3 Classes - \$675.00