

# ASHRAE Learning Institute

## 2017 Online Course Series

### 2 WAYS TO REGISTER

**Internet:** [www.ashrae.org/onlinecourses](http://www.ashrae.org/onlinecourses)

**Phone:** Call 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

One-part course (3 hours) **\$284 (\$219 ASHRAE Member)** – -- -- Two-part course (6 hours) **\$484 (\$359 ASHRAE Member)**

**NEW! Complying with Standard 90.1-2016: Envelope/Lighting**  
Wednesday, April 5, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! Complying with Standard 90.1-2016: HVAC/Mechanical**  
Tuesday, April 11, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! Complying with Standard 90.1-2016: Appendix G**  
Tuesday, April 18, 2017 – 1:00 p.m. to 4:00 p.m.

**Air-to-Air Energy Recovery Fundamentals**  
Wednesday, May 3, 2017 – 1:00 p.m. to 4:00 p.m.

**Air-to-Air Energy Recovery Applications: Best Practices**  
Tuesday, May 9, 2017 – 1:00 p.m. to 4:00 p.m.

**Humidity Control: Basic Principles, Loads and Equipment**  
Tuesday, June 13, 2017 – 1:00 p.m. to 4:00 p.m.

**Humidity Control: Applications, Control Levels and Mold Avoidance**  
Tuesday, June 20, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs**  
Tuesday, July 11, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! Variable Refrigerant Flow System: Design & Application**  
Tuesday, July 18, 2017 – 1:00 p.m. to 4:00 p.m.

**Advanced High-Performance Building Design**  
Wednesday, August 9, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! Fundamental Requirements of Standard 62.1-2016**  
Wednesday, September 6, 2017 – 1:00 p.m. to 4:00 p.m.

**Laboratory Design: The Basics and Beyond**  
Tuesday, October 10, 2017 – 1:00 p.m. to 4:00 p.m.

**Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems**  
Monday, October 16, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! Complying with Standard 90.1-2016**  
Part I: Wednesday, November 1, 2017 – 1:00 p.m. to 4:00 p.m.  
Part II: Tuesday, November 7, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! Variable Refrigerant Flow System: Design & Application**  
Wednesday, November 29, 2017 – 1:00 p.m. to 4:00 p.m.

**NEW! New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs**  
Tuesday, December 5, 2017 – 1:00 p.m. to 4:00 p.m.

## ASHRAE HVAC Design & Operation Training

3 Courses, 7 Days of Intense Instruction

Atlanta • Chicago • Denver • Hartford • Seattle • Toronto

### Improving Existing Building Operation - Registration is \$599 (\$499 ASHRAE Member)

Identify ways to improve existing HVAC system efficiencies and reduce utility expenses while maximizing performance of the building systems. This training details proper system operation and maintenance and introduces methods for evaluating potential system improvements.

### HVAC Design: Level I – Essentials - Registration is \$1,264 (\$1,009 ASHRAE Member)

Gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use. The training provides real-world examples of HVAC systems, including calculations of heating and cooling loads, ventilation and diffuser selection using the newly renovated ASHRAE Headquarters building as a living lab.

### HVAC Design: Level II – Applications - Registration is \$854 (\$699 ASHRAE Member)

*HVAC Design: Level II — Applications* provides instruction on HVAC system design for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. The training provides information that allows practicing engineers and designers an opportunity to expand their exposure to HVAC systems design procedures for a better understanding of system options to save energy.

