

ASHRAE's HVAC Design Training



HVAC Design: Level I – Essentials

ASHRAE's *HVAC Design: Level I – Essentials* provides intensive, practical training for HVAC designers and others involved in the delivery of HVAC services. In three days, gain practical skills and knowledge in designing and maintaining HVAC systems that can be put to immediate use.

- Fundamentals
- Heating/Cooling Load Calculation
- System Selections
- HVAC System and Components
- Cooling System
- Basic Design of Hydronic Systems
- Basic Design of Air Systems
- Control/BAS

HVAC Design: Level I – Essentials

When: October 3-5, 2016 | Baltimore, MD

Cost: \$1,264 (ASHRAE Member: \$1,009)

Company Discount: Enroll 3 or more participants from the same company at the same time and SAVE!

REGISTER



BONUS!

Get a FREE copy of *Standard 189.1-2014* and *User's Manual*.

A \$200 Value!



Register for BOTH training sessions to save money and fast track your experience level!

HVAC Design: Level II – Applications

ASHRAE's *HVAC Design: Level II – Applications* provides instruction on HVAC system designs for experienced HVAC designers and those who complete the HVAC Design: Level I – Essentials training. In two days, gain an in-depth look into *Standards 55, 62.1, 90.1, 189.1* and the *Advanced Energy Design Guides*. Training will focus on a range of topics including: HVAC equipment and systems, energy modeling, designing a chiller plant, and BAS controls.

- Sustainability / Green/LEED / HPB /
- Life Cycle Cost

- NZEB
- Standard 55
- Standard 62.1
- Building Systems: Education Facility
- System Applications: Chiller/Boiler, Air Handlers, VAV Terminals

- Building Systems: Multi-story Office Building
- Water-to-Water GSHP Option 1 Chilled Beam with DOAS
- Water-to-Water GSHP Option 2 UFAD

HVAC Design: Level II—Applications

When: October 6-7, 2016 | Baltimore, MD

Cost: \$854 (ASHRAE Member: \$699)

Company Discount: Enroll 3 or more participants from the same company at the same time and SAVE!

REGISTER



BONUS!

Get a FREE copy of
*ASHRAE GreenGuide:
Design, Construction,
and Operation
of Sustainable
Buildings, 4th. ed.*

A \$100 Value!

YOUR INSTRUCTORS



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