

<u>Course</u>	<u>Format</u>	<u>Hrs</u>
Advanced Design for Net Zero Buildings	Half-Day Course	3
Advanced High-Performance Building Design	Half-Day Course	3
Air-to-Air Energy Recovery Applications: Best Practices ES Practices	Half-Day Course	3
Air-to-Air Energy Recovery Fundamentals ES Practices	Half-Day Course	3
Air-to-Air Heat Recovery Fundamentals and Applications (MENA)	Full-Day Seminar	6
Application of Standard 62.1-2010: Multiple Spaces Equations and Spreadsheets	Half-Day Course	3
Application of Standard 62.1-2013: Multiple Spaces Equations and Spreadsheets	Half-Day Course	3
ASHRAE 90.1 Code Compliance and Plan Review for Authorities Having Jurisdiction	Full-Day Seminar	6
ASHRAE Guideline 0: The Commissioning Process	Half-Day Course	3
Avoiding IAQ Problems IAQ Practices	Half-Day Course	3
Basics of Combined Heat & Power	Half-Day Course	3
Basics of High-Performance Building Design	Half-Day Course	3
Building Demand Response and the Coming Smart Grid	Half-Day Course	3
Cogeneration from the Basics through Operation	Full-Day Seminar	6
Combined Heat and Power: Creating Efficiency through Design & Operations	Half-Day Course	3
Commercial Building Energy Audits	Full-Day Seminar	6
Commercial Building Energy Audits (MENA)	Full-Day Seminar	6
Commissioning Process & Standard 202	Half-Day Course	3
The Commissioning Process in New and Existing Buildings	Full-Day Seminar	6
The Commissioning Process in New and Existing Buildings (MENA)	Full-Day Seminar	6
Complying with Standard 90.1-2010	Full-Day Seminar	6
Complying with Standard 90.1-2010: Envelope/Lighting	Half-Day Course	3
Complying with Standard 90.1-2010: HVAC/Mechanical	Half-Day Course	3
Complying with Standard 90.1-2013	Full-Day Seminar	6
Complying with Standard 90.1-2013	Half-Day Course	3
Complying with Standard 90.1-2013: Envelope/Lighting	Half-Day Course	3
Complying with Standard 90.1-2013: HVAC/Mechanical	Half-Day Course	3
Complying with Standard 90.1-2016	Full-Day Seminar	6
Complying with Standard 90.1-2016; Envelope/Lighting	Half-Day Course	3
Complying with Standard 90.1-2016: Appendix G	Half-Day Course	3
Complying with Standard 90.1-2016: HVAC/Mechanical	Half-Day Course	3
Complying with the Requirements of Standard 62.1-2016	Full-Day Seminar	6
Consulting Engineering Essentials	Full-Day Training	6
Design of Affordable and Efficient Ground Source Heat Pump Systems	Half-Day Course	3

Designing and Operating High-Performing Healthcare HVAC Systems	Half-Day Course	3
Designing for IAQ: Complying with the Requirements of Standard 62.1 (MENA)	Full-Day Seminar	6
Designing HVAC Systems to Control Noise and Vibration	Full-Day Seminar	6
Designing Tall, Supertall and Megatall Building Systems	Half-Day Course	3
Designing Toward Net-Zero Energy Commercial Buildings	Half-Day Course	3
District Cooling & Heating Systems: Central Plants	Half-Day Course	3
Effective Energy Management in New & Existing Buildings	Full-Day Seminar	6
Energy Efficiency in Data Centers	Half-Day Course	3
Energy Management Best Practices	Half-Day Course	3
Energy Modeling Best Practices and Applications	Full-Day Seminar	6
Evaluation Methods for High-Performance Green Buildings	Half-Day Course	3
Exceeding Standard 90.1-2013 to Meet LEED® Requirements	Full-Day Seminar	6
Exceeding Standard 90.1-2013 to Meet LEED® Requirements	Half-Day Course	3
Fundamental Requirements of Standard 62.1-2010	Half-Day Course	3
Fundamental Requirements of Standard 62.1-2013	Half-Day Course	3
Fundamental Requirements of Standard 62.1-2016	Half-Day Course	3
Fundamentals and Application of Standard 55	Half-Day Course	3
Healthcare Facilities: Best Practices Applications of HVAC Systems	Full-Day Seminar	6
Healthcare Facilities: Best Practices for HVAC Design and Operation	Half-Day Course	6
High Performing Healthcare Facilities, Design Consideration and Applications (MENA)	Full-Day Seminar	6
High-Performance Building Design: Applications & Future Trends	Half-Day Course	3
Humidity Control I and II: Tips for HVAC Design and Practical Solutions to Existing Problems IAQ Practices	Full-Day Seminar	6
Humidity Control I: Design Tips and Traps IAQ Practices	Half-Day Course	3
Humidity Control II: Real-World Problems and Solutions IAQ Practices	Half-Day Course	3
HVAC Design Essentials (MENA)	3-Day Training	18
HVAC Design: Level I – Essentials	3-Day Training	18
HVAC Design: Level II – Applications	2-Day Training	12
IAQ Best Practices for Design, Construction and Commissioning IAQ Practices	Half-Day Course	3
Improving Existing Building Operation	2-Day Training	12
Integrated Building Design	Full-Day Seminar	6
Introduction to BACnet®	Half-Day Course	3
Introduction to Buildings Enclosure Commissioning	Full-Day Seminar	6
Introduction to Ultraviolet Germicidal Irradiation (UVGI) Systems IAQ Practices	Half-Day Course	3
IT Equipment Design Evolution & Data Center Operation Optimization	Half-Day Course	3
Laboratory Design: The Basics and Beyond	Half-Day Course	3

Latest in High Performance Dedicated Outdoor Air Systems (DOAS)	Half-Day Course	3
New ASHRAE-Classified Refrigerants to Meet Society's Changing Needs	Half-Day Course	3
Operations & Maintenance of High-Performance Buildings	Full-Day Seminar	6
Optimizing Indoor Environment: Increasing Building Value	Half-Day Course	6
Save 30% Complying with Standard 90.1-2013	Half-Day Course	3
Significant Changes to Standard 90.1-2010 and IECC-2012	Full-Day Seminar	6
Significant Changes to Standard 90.1-2010	Full-Day Seminar	6
Standard 90.1: HVAC/Mechanical and Appendix G (MENA)	Full-Day Seminar	6
Successfully Managing the Risk of Legionellosis Using ASHRAE Standard 188-2015	Half-Day Course	3
The Future of Refrigerants: Challenges and Opportunities (MENA)	Full-Day Seminar	6
Understanding and Designing Chilled-Beam Systems	Half-Day Course	3
Using Standard 90.1-2010 to Meet LEED® Requirements	Full-Day Seminar	6
Using Standard 90.1-2010 to Meet LEED® Requirements	Half-Day Course	3
Variable Refrigerant Flow System Design & Application	Half-Day Course	3
Variable Refrigerant Flow Systems: Technology Introduction	Half-Day Course	3