ASHRAE PHILIPPINES CHAPTER IS PROUD TO ANNOUNCE A SERIES OF SEMINARS DESIGNED TO EQUIP THE HVAC ENGINEER WITH KNOWLEDGE FOR THE BUILT ENVIRONMENT. STAY AHEAD OF THE PACK. LEARN FROM THE EXPERTS. ENROLL NOW!

**THE HVAC DESIGN WORKSHOP SERIES**

**BASIC DESIGN WORKSHOP SERIES**
**MARCH 1, 2, 3 & 10, 2012**

**Fundamentals**
- Thermodynamics
- Hydraulics
- Cooling Load Calculation
- Psychrometric Chart
- Refrigeration
- System Selection
- Common Systems and Components
- Design of Hydronic Systems

**Piping Design**
- Basic Design of Air Systems
- Ventilation System
- Duct Design
- Air Conditioning Design for High Rise Buildings
- Building Management System
- Commissioning
- Project Management
- Introduction to Technical Sales

**ADVANCE DESIGN WORKSHOP SERIES**
**MAY 24, 25, 26 & JUNE 2, 2012**

**Air Conditioning Design for High Rise Buildings**
- Office Building
- Hotel
- Hospital
- Apartment Residences

**Air Conditioning Design for Specialty Buildings**
- Clean Rooms
- Pharmaceuticals
- Data Centers

**Air Conditioning Design for Large Occupancies**
- Malls
- Theaters
- Others

**Advance Building Management Commissioning**
**Advance Project Management**
**Advance Technical Sales**

**WHO SHOULD ATTEND:** SENIOR EXECUTIVE ENGINEERS, FACILITY MANAGEMENT ENGINEERS, UTILITY COMPANY ENGINEERS, CONSTRUCTION ENGINEERS, PROJECT MANAGERS & ENGINEERS

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FOR FIRST 25 REGISTRANTS.
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Brought to you by: American Society of Heating Refrigerating and Air Conditioning Engineers, Inc. (ASHRAE) Philippines Chapter
ASHRAE
Philippine Chapter

HVAC Basic Design Workshop

(March 1, 2, 3 & 10, 2012)

Workshop Topics:

- Fundamentals
  - Thermodynamics
  - Hydraulics
- Cooling Load Calculation
- Psychometric Chart
- Cooling System
  - Refrigeration
  - System Selections
  - Common System and Components
- Basic Design of Hydronic Systems
- Piping Design
- Basic Design of Air Systems
- Ventilation System
- Duct Design
- Air Conditioning Design for High Rise Building
- Building Management System Commissioning
- Project Management
- Introduction to Technical Sales

Who Should Attend:

- Senior Executive Engineers
- Facility Management Engineers
- Sales Engineers
- Utility Company Engineers
- Project Managers

Why you should Attend:

At the end of the Workshop, the Participants would be able to do an HVAC Design for a 10-Storey Building.

Fees: Php 12,000.00 per participant /ASHRAE member Php 10,000.00
Venue: A Venue Hotel in Makati Avenue, Makati City (Tentative)

Lecturer: Engr. Fernando S. Guevara PME, PE California / Minnesota

Early Bird Special up to January 10, 2012 for First 25 Registrants - Php 10,000.00 Register Now!
Maximum Number of 50 Participants Only

For Registration Contact: ASHRAE Philippine Chapter Office
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REGISTRATION FORM

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Middle____________________________________________________________________________

Nickname______________________________________________________________

Company Name
______________________________________________________________________________
______________________________________________________________________________

Mailing Address
______________________________________________________________________________

City ___________________________________________Zip Code________________

E-Mail Address___________________________________________________________

Which of the following best describes your job function? (Check only one)

☐ 1 Owner, President, Partner

☐ 2 Senior Management (VP, General Mgr, Director etc.)

☐ 3 Engineer

☐ 4 Architect

☐ 5 Technician

☐ 6 Operations / Maintenance

☐ 7 Purchasing

☐ 8 Sales/Marketing

☐ 9 Research / Product Design & Development

☐ 10 Consultant

☐ 11 Faculty / Student

☐ 12 Project Managers

☐ 13 Other Allied to Field (specify)______________________________________________

☐ 14 Other ____________________________

Signature ___________________________________________Date____________________