



THE HVAC DESIGN WORKSHOP SERIES

WITH CPE CREDITS!

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!

**FOR RESERVATION:
CALL ORCHID at
910-2721 or
638-6539
SEMINAR FEES:
P 12,000.00
(NON-MEMBER)
P 10,000.00
(MEMBER)**

EARLY BIRD SPECIAL UP TO APRIL 10, 2012 FOR FIRST 25 REGISTRANTS. MAXIMUM OF FIFTY (50) PARTICIPANTS ONLY. EACH WILL RECEIVE A FREE 2010 PSVARE STANDARD ON ENERGY EFFICIENT BUILDINGS HANDBOOK.

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

**Fundamentals
Thermodynamics
Hydraulics
Cooling Load Calculation
Psychrometric Chart
Cooling System
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



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
Features : Free 2010 PSVARE Standard for Energy Efficient Buildings Handbook
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
c/o Ms. Orchid/Sol at Tel: +(632)6386539 Fax: +(632)9102721
or WWW.philippines.ashraechapters.org***



HVAC BASIC DESIGN WORKSHOP

**ASHRAE
Philippine Chapter**

REGISTRATION FORM

Last _____

First _____

Middle _____

Nickname _____

Company Name

Mailing Address

City _____ Zip Code _____

E-Mail Address _____

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

- | | |
|---|---|
| <input type="checkbox"/> 1 Owner, President, Partner | <input type="checkbox"/> 11 Faculty / Student |
| <input type="checkbox"/> 2 Senior Management (VP, General Mgr, Director etc.) | <input type="checkbox"/> 12 Project Managers |
| <input type="checkbox"/> 3 Engineer | <input type="checkbox"/> 13 Other Allied to Field (specify) _____ |
| <input type="checkbox"/> 4 Architect | _____ |
| <input type="checkbox"/> 5 Technician | _____ |
| <input type="checkbox"/> 6 Operations / Maintenance | |
| <input type="checkbox"/> 7 Purchasing | |
| <input type="checkbox"/> 8 Sales/Marketing | <input type="checkbox"/> 14 Other _____ |
| <input type="checkbox"/> 9 Research / Product Design & Development | _____ |
| <input type="checkbox"/> 10 Consultant | |

Signature _____ Date _____