

ASHRAE Saskatoon Presents.....



# Fundamentals of Water System Design

**March 12<sup>th</sup> & 13<sup>th</sup>, 2012**

*Venmar CES Learning Center*

*1502 D Quebec Ave.*

*Saskatoon, SK*

## This course will develop and understanding of:

- Basic Concepts of Hydronic Systems
  - Examine various types of systems and how they work.
- System Components
  - How they work and how to properly select
- Piping System Design
  - Layout, sizing and flow rate measurement
- Pipe Materials & Fittings
  - Valves and fittings, materials and corrosion
- Pumps
  - Types of pumps, selection and design considerations
- Expansion Tanks
- Piping System Development
  - How to design from beginning to end
- Water Chillers and Load Control
  - Chiller operation and control

## Cost

ASHRAE Member \$350

Non-Member \$450

Student \$150

Seating is limited

Lunch is provided

Included is free attendance to the March 13<sup>th</sup> ASHRAE meeting including a free supper and presentation by Peter Simmonds on High Performance Buildings

**Registration Deadline**  
**March 1<sup>st</sup>, 2012**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

Email: \_\_\_\_\_

Method of Payment:

Cash     Cheque (payable to ASHRAE Saskatoon)

Please mail to:

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