



## ASPE Eastern Michigan Chapter presents...

DATE: Tuesday, January 20, 2009  
DESIGN CLASS: **Radiant Controls**

Control strategies for heating and cooling incorporating both air and water systems: (1) We will be covering outdoor temperature reset with indoor feedback to maximize efficiency; (2) Water temperature controls covering both variable speed injection systems; 3 and 4 way mixing valves; (3) Network control systems to include cooling groups, zone synchronization, shared schedules and scenes; (4) Snowmelt control systems including both manual and automatic snow/ice detection

TIME: 6:00 - 8:30 pm  
SPEAKER: **Rob Buyze**, President of HS/Buy-Van

WHERE: Plumbing Industry Training Center  
1911 Ring Drive - Troy, MI 48083  
*Visit [www.aspe.org/Eastern\\_Michigan/pdf/plumbingschool.pdf](http://www.aspe.org/Eastern_Michigan/pdf/plumbingschool.pdf) for a map*



**Rob Buyze**, President of HS/Buy-Van, has been with the company for the last 20 years. Prior to that, he has worked as an electrician and has done laser alignment and training and repair of construction lasers. He is experienced with hydronic heating systems, including Tekmar Controls, Uponor Radiant and Plumbing Systems, Grundfos Pumps, Triangle Tube Boilers, Burnham Boilers and Honeywell Water Products. He's an associate member of ASHRAE, RPA, ACCA, and MPMCA.

### CLASSES

**Classes are open to anyone interested. There is no charge to attend classes. Registration is required. SEE reverse side for registration information.**

### DINNER

A hot catered dinner is available at a cost of \$15 per person to non ASPE, ASSE and MBPA members. Cash (at the door) or checks made payable to ASPE-EMC are accepted. We ask that you please notify us when you register for class if you plan to eat dinner.

**ASPE Plumbing Engineering Design Handbook Reviews** - Basic and Advanced classes are held each month, unless otherwise stated, from 3:30 - 5:30 pm.

### PLEASE NOTE

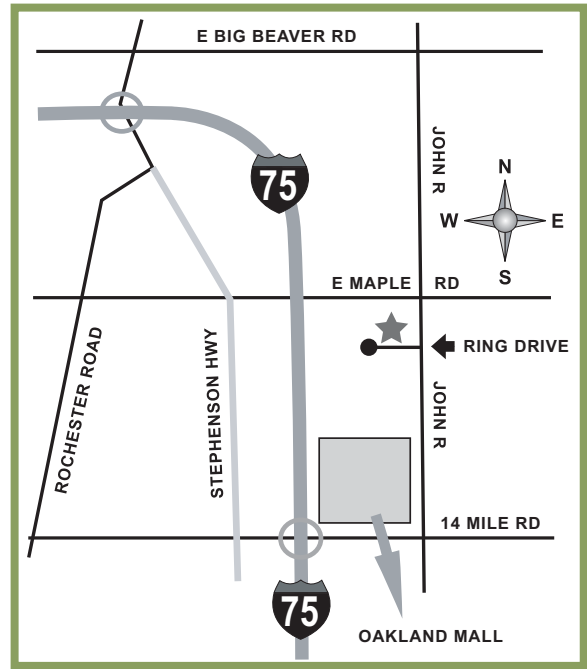
Topics, times and places are subject to change, depending on the availability of the presenter or unpredictable circumstances. Check our web site for the most up-to-date information.

# ASPE Eastern Michigan Chapter Plumbing Industry Training Center Plumbing Design Class

DATE: Tuesday, January 20, 2009  
 PROGRAM: **Radiant Controls**  
 SPEAKER: **Rob Buyze**  
 DINNER: 5:30 - 6:00 PM  
 TIME: 6:00 - 8:30 PM  
 WHERE: Plumbing Industry Training Center  
 1911 Ring Drive - Troy, MI 48083

**SPREAD THE WORD!**

Please post a copy of this flyer on the bulletin board at the place where you work.



## REGISTRATION

Registration is *required* by 5:00 PM on the **Friday** prior to the day of class. Visit our web site at [www.aspe.org/Eastern\\_Michigan](http://www.aspe.org/Eastern_Michigan) (*URL is case sensitive*) for easy registration and a printable map to the Plumbing Industry Training Center. Register by contacting ASPE VP Technical Ed Hawley with your name, contact information and indicate if you will be eating dinner:

**BY PHONE** - Ed Hawley at (248) 656-8253 *or*

**BY E-MAIL** - [ehawley2382@wideopenwest.com](mailto:ehawley2382@wideopenwest.com)

**BY FAX** - Fill in the form below and fax it to the attention of Mary Chapman at (313) 341-1007.

<p>NAME _____</p> <p style="text-align: center;">ATTENDING DINNER</p> <p style="text-align: center;">Yes No</p> <p style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></p> <p>NAME _____</p> <p style="text-align: center;">Yes No</p> <p style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></p> <p>COMPANY OR AFFILIATION _____</p> <p>ADDRESS _____</p> <p>TELEPHONE NUMBER _____</p>	<p>NAME _____</p> <p style="text-align: center;">ATTENDING DINNER</p> <p style="text-align: center;">Yes No</p> <p style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></p> <p>NAME _____</p> <p style="text-align: center;">Yes No</p> <p style="text-align: center;"><input type="checkbox"/> <input type="checkbox"/></p> <p>CONTACT PERSON OR SUPERVISOR _____</p> <p>CITY / STATE / ZIP CODE _____</p> <p>E-MAIL ADDRESS IF AVAILABLE _____</p>
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