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Continuing Education Program Summary

Introduction to Hydronics, Building Science and Combustion Chemistry

Program:	MHDA07
Course Length:	2 hours
Credits:	2 learning units
Qualifies for HSW:	Yes
Cost per participant:	\$125 (group discounts available)
Companion Course:	MHDB07: Hydronic and Steam Heating Systems Design / Re-Design

Program Overview

Learn how heating and domestic hot water (DHW) systems work, including some basic principals of thermodynamics, combustion science, and the types of systems available on the market today. Using this information we will discuss common energy management systems and the correct way to size loads for a building. This course includes a PowerPoint presentation and discussion.

Learning Objectives

By taking this course you will:

- Summarize basic principles of combustion science chemistry and efficiency
- Calculate the heating and domestic hot water (DHW) energy usage in a building
- Differentiate system efficiency, combustion efficiency and rated efficiency
- Identify inefficient systems, and the merits of more efficient systems
- Understand heating system firing rates and their importance
- Define the steps and procedures of proper combustion efficiency testing

For more information

For the most up-to-date training schedule, visit our website: www.swinter.com or contact:

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