

Boilers, Heating Systems, and Applied Mathematics

Instructor-led Online; **REGISTER TODAY** for the May 4 - August 6, 2010 offering!

Examine the inner workings of boilers, burners, controls, fittings, valves, and pumps, as well as how they connect and interrelate. Gain the knowledge to operate and maintain heating systems while applying the principles of mathematics that are essential to operating complex building systems.

Topics Include:

- Heating system operations
- Mechanical components of heating systems
- Thermodynamics as applied to heating systems
- Mathematics needed to operate heating systems

Learn:

- Understanding the components and controls of boilers
- Recognizing and setting up a reliable heating system
- Maintaining and operating an effective heating system
- Converting units of measure for quick data comparisons

This course is a requirement for the Systems Maintenance Administrator (SMA[®]) and Systems Maintenance Technician (SMT[®]) designations.

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