

Heating System Design

2 DAYS - 16 HOURS \ 8:00AM - 4:30PM

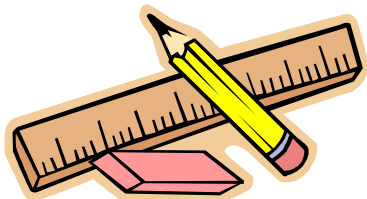
\$595.00 PER STUDENT

August 8 & 9, 2017

AT

Beckett Technical Training Center

660 Main St., Sturbridge, MA



This class is NORA Certified for 16 CEUs

Instructor: George Lanthier

A complete course in the design of heating systems with an emphasis on hydronic equipment. This course is for technicians, managers and equipment sales personnel. Gain the knowledge and professional skills to design today's state-of-the-art heating systems.

The course will review how to gather the data required to perform computerized heat-loss and heat-gain calculations to determine the actual residential HVAC loads and the necessary equipment requirements. Equipment selection and sizing for new hydronic and warm air heating systems is examined along with replacement guidelines for older systems including steam. The course also covers compliance with State Building and Mechanical Codes. Special section on how chimneys and codes affect replacement installations. Pipe sizing, duct sizing and specialty equipment sizing will also be examined as well as how to properly match distribution systems to heat exchangers. The sizing of domestic hot water producers using both conventional and high-tech equipment and techniques for proper and adequate supply will also be discussed along with some basic post installation troubleshooting. The sizing of equipment and distribution units using printed tables and computers will be examined. Course textbook, lunch, calculator and handouts are included.

Make check payable to:

Firedragon Enterprises and mail to:

Firedragon Enterprises

608 Moose Hill Rd., Leicester, MA 01524

For further information contact us at:

508-421-3490

Student Name: _____ Contact Phone: _____

Home Address: _____

City: _____ State: _____ Zip: _____

Email address: _____ NORA Cert. # (if Certified) _____

Employer: _____ Phone: _____

Business Address: _____

City: _____ State: _____ Zip: _____

FAX: _____ Email: _____

Please copy and make out one form per student.

Full tuition with registration is required and includes a \$125.00 non-refundable registration fee.

Registration closes three days before class!

Many thanks to Beckett Corp. for their facilities and cooperation.