



# BASIC OILHEAT TECHNICIAN TRAINING PROGRAM

## 80 Hour NORA Bronze Course

### September 2021 — 8:00am – 4:00pm

AGC Building - 1 Graves Street - Montpelier, VT



VFDA's Basic Oilheat Technician Training Program is an 80 hour course designed for anyone who would like to enter this skilled trade of heating professionals. After 10 days of concentrated fundamental classroom theory, coupled with practical laboratory work, including some hands-on experience of live-fire equipment, you will acquire a solid foundation of knowledge.

The course is an updated and condensed version of the NEFI 160 hour course. It is based upon the National Oilheat Research Alliance (NORA) Technicians Manual. The NORA Bronze Test will be given on the last day of the course and a NORA Bronze Certificate of Training will be awarded to each student who completes the course and passes the examination.

<b>BASIC OILHEAT TECHNICIAN TRAINING PROGRAM</b> <b>Instructor: Chandler Ede</b> <b>Dates: September 13, 14, 15, 16, 17</b> <b>September 20, 21, 22, 23, 24</b>  <i>Student Name</i>	<b>COST</b> <b>\$1200 per student</b> <i>* Price includes the NORA Oilheat Technicians Manual and a copy of NFPA 31: Standard for the Installation of Oil-Burning Equipment.</i>
1	\$
2	\$
3	\$
<b>Registration is limited to 20 students.</b>	<b>TOTAL</b> \$

Company \_\_\_\_\_ Contact \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

Check Enclosed  
 Payment to Follow  
 Bill Us (*members only*)  
 Credit Card

Name \_\_\_\_\_  
 Card # \_\_\_\_\_  
 Exp. Date \_\_\_\_\_ CVV \_\_\_\_\_

**FAX TO VFDA: 802-419-3313**

or mail to VFDA - PO Box 1370 - Montpelier, VT 05601

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### DETAILS:

**Cancellation:** VFDA reserves the right to cancel any and all seminars for lack of student registrations. Pre-registered students will be notified of cancellation using the contact information provided on the completed registration form. Firms that prepaid for cancelled seminars will receive a full refund. Advanced registration is required. **Registration is limited to 15 students.**

**Materials:** Students should bring to class basic service tools, a digital multi-meter, and a combustion efficiency test kit.

**Certificates:** will be sent to all students passing the exam.

**Payment:** Checks are payable to VFDA and must accompany the registration form. If you are a member, registration can be secured with a credit card or billed to you.

**Tuition:** *\$1200 per student. Price includes the NORA Oilheat Technicians Manual and a copy of NFPA 31: Standard for the Installation of Oil-Burning Equipment.*

FOR MORE INFORMATION CONTACT VFDA at 802-223-7750 or [steph@vermontfuel.com](mailto:steph@vermontfuel.com)

## COURSE OUTLINE

Introduction- What an Oilheat Technician does,  
the Advantages of Oilheat, Tools and Safety,

Chapter 1- Introduction the Oil Burners

Chapter 2- Heating Oil and Its Properties

Chapter 3- Oil Tanks and Piping

Chapter 4- Fuel Units and Oil Valves

Chapter 5- Nozzles and Combustion Chambers

Chapter 6- Draft and Venting

Chapter 7- Combustion

Chapter 8- Basic Electricity

Chapter 9- Ignition Systems

Chapter 10- Motors

Chapter 11- Primary controls

Chapter 12- Limit Controls and Thermostats

Chapter 13- Introduction to Heating Systems

Chapter 14- Preventative Maintenance Tune-ups

Chapter 15- Service Procedures

Chapter 16- Energy Conservation

Chapter 17- Customer Service

Comprehensive Review

And NORA Bronze Certification Test