



## OnSite Course Offerings

**“Trane trains the HVAC Industry.”** This commonly quoted phrase represents the depth to which Trane is recognized as a leader in providing training resources for our customers and employees. Brady, an authorized Trane Franchise, offers a comprehensive local training program that can be taught in your facility. We recognize the critical need to incorporate an ongoing program of skill development for technical personnel that improves productivity, reduces turnover, and promotes continuous improvement. Training is a key component that helps us accomplish these goals.

As your education partner, you can expect Brady to keep you up to date on changes in technology, equipment, regulations, and key industry issues. In addition to our formal training calendar, Brady hosts numerous speakers, breakfast programs, satellite broadcasts, and industry events that are available to all members of the community.

**Cancellation Policy:** If you advise us 7 days prior to the scheduled class, we will not charge you. If you cancel less than 7 days prior to the class or fail to attend, you will be charged 50% of the course fee.

A Certificate of Attendance will be awarded to each student at the conclusion of each course.

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**All on-site classes are held at owner’s facility.**

### **Centrifugal Training**

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Provides a comprehensive overview, including general discussion of centrifugal water chillers and includes the following topics:

- Introduction to Chilled Water Systems and Centrifugal Water Chillers.
- System Components
- Compressor Capacity Control
- Maintenance, mechanical and application considerations
- Understanding of chiller logs and the identification of problems
- Preventative maintenance including inspections required to monitor and maintain system efficiency and safety, water treatment and refrigerant.
- Trouble Shooting: Air in the machine, low condenser water flow, fouled evaporator tubes, condenser water bypassing condenser tubes, bypassing chilled water tubes, low chilled water flow and fouled condenser tubes

**1 day class**

**\$1,000 for class. \$200 per participant for materials.**

### **Controls Training**

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This class will cover a range of controls topics including :

- Review of the Tracer Summit architecture and applications.
- Scheduling features for the Time Of Day functions and different options for scheduling equipment operation.
- Variable Air System in regards to the VAV system and Chiller Plant Operation.
- Override functions, Alarm logs, and trouble shooting will also be discussed.

**1 day class**

**\$1,500 for class. \$250 per participant for materials.**

## **Package Equipment Training**

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This class is designed to introduce students to light commercial and unitary HVAC Equipment. Topics covered will include an overview of the basic refrigeration cycle as it pertains to the equipment, annual service, refrigerant pressures, preventative maintenance, unit controls and system efficiencies. Topics will be customized to meet the owners needs and facility.

**1 day class**

**\$1,000 for class. \$200 per participant for materials.**

## **Boiler Training**

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This class is designed to introduce students with the basic design and operation of any boiler. Types of boilers discussed will include copper fin tube, cast iron, steel boilers, water tube and fire tube hydronic, low pressure steam and high pressure steam boilers. Content covered includes different types of boilers and how they relate to the basic design, start-up, cleaning, controls, safety, preventative maintenance, annual service, fuel requirements and other supporting issues. Additional topics that can be discussed include energy saving measures and equipment; high efficiency burners, economizers and recuperators, high pressure condensate return systems and condensing boilers.

**1 day class**

**\$1,000 for class. \$200 per participant for materials.**

## **Rotary Chiller Training**

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This course provides an in-depth understanding of the controls, maintenance and diagnosis of rotary chillers. This course provides insights into compressor design, unit operation, unit installation, start-up requirements, unit performance and service diagnosis. Specific service steps are covered for refrigerant handling and component service.

Topics in the class include Helical-rotary compressor, oil separator, condenser (water-cooled and air-cooled), expansion device, liquid/vapor separator, evaporator, starter, controls, the refrigeration cycle, refrigerants, compressor capacity control, slide valve operation, maintenance consideration, and a brief list of application considerations (air-cooled or water-cooled), condensing, condensing temperature control and short water loops. Introduction to the DynaView operator interface and the new AdaptaView panel can also be covered.

**1 day class**

**\$1,000 for class. \$200 per participant for materials**

## **Basic AC Training**

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This course will provide attendees with the fundamentals of Heating, Ventilation and Air Conditioning (HVAC). This course is suggested for those wishing to gain greater awareness and working knowledge of HVAC concepts and those who are new to the HVAC industry. Our instructors will address HVAC theory and practical applications. This course includes training and updates on 410A Refrigerant. Learn the basics of air conditioning as applied to the refrigeration cycle, the theory of heat transfer, refrigeration system components, refrigeration system accessories, refrigeration system piping, the differences in the rotary, absorption and centrifugal chillers, fans, VAV systems and controls.

**2 day class**

**\$2,000 for class. Materials included. Class size is limited to 10 students.**

**Additional course topics are available. Please ask your Brady representative for details.**

# Onsite Class Request Form

Please print clearly



Service Contract Holder

Non-Contract Holder

## Company Information

Contact Name:

Title:

Company Name:

Address:

City:

State:

Zip:

Phone:

Fax:

Email Address:

## Course Selection

Centrifugal  Package Equipment  Boilers  Rotary Chillers (\$1,000 each)

\$

\_\_\_\_\_ of students x \$200 for class materials

\$

Controls (\$1,500)

\$

\_\_\_\_\_ of students x \$250 for class materials

\$

Basic A/C Clinic (\$2,000)

\$

\_\_\_\_\_ of students x \$0 for class materials (Maximum 10 students)

\$

Total

\$

## Date Preferences Selection

Please include your first, second and third date choices below. If scheduling the Basic A/C clinic please select two dates for each of your choices. Choices should be at minimum two weeks away. Classes are not automatically scheduled by submittal of request form. Brady date acceptance and confirmation will be sent to the contact listed above.

1st Choice:

2nd Choice:

3rd Choice:

## Time Selection

Class times unless otherwise noted will be scheduled from 8:00 a.m. to 5:00 p.m with 1 hour lunch break. Please include any special requests below:

(OVER)

### Student Information

Please list all students in the spaces below. Please print the name exactly as to be printed on the certificate of completion.

First	Last
1)	
2)	
3)	
4)	
5)	
6)	
7)	
8)	
9)	
10)	

### Special Requests / Information

### Payment Information

Method of Payment	<input type="checkbox"/> Check Enclosed <input type="checkbox"/> PO Number: _____ <input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> American Express
Credit Card Number:	Expiration Date:
Signature:	v-code:

How did you hear about training at Brady?

- Account Executive (Name) \_\_\_\_\_
- Service Technician (Name) \_\_\_\_\_

**Please remit registration form  
 with payment to:  
 BRADY  
 Attn: Amanda Morgan  
 PO Box 13587  
 Greensboro, NC 27415  
 amanda.morgan@bradyservices.com  
 Fax: (336) 378-0677**