



2022 TRAINING CLASSES

MAY - AUGUST



Highlighted courses qualify for factory hours

DATE	CLASS	TIME	LOCATION	COST	NATE HOURS	DISTRIBUTOR HOURS
Tuesday, May 3	BRYANT EVOLUTION INSTALL & APPLICATION TRAINING	8:00-12:00	Warren	\$125	4	4
Thursday, May 5	BRYANT EVOLUTION INSTALL & APPLICATION TRAINING	8:00-1:00	New Hudson	\$125	5	5
Tuesday, May 10	BRYANT A/C & HEAT PUMP TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Thursday, May 12	BRYANT A/C & HEAT PUMP TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Tuesday, May 17	LIGHT COMMERCIAL ROOFTOP UNIT TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Tuesday, May 17 - Thursday, May 19	COMMERCIAL AIR BALANCING	8:00-5:00	Livonia	\$900	-	24 FAD
Thursday, May 19	LIGHT COMMERCIAL ROOFTOP UNIT TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Wednesday, May 25	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	Macomb	\$250	-	7.5
Wednesday, June 1	VRF SERVICE TRAINING	8:30-4:00	New Hudson	\$125	-	7.5
Tuesday, June 7	DUCTLESS INSTALL TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Thursday, June 9	DUCTLESS SERVICE TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Tuesday, August 23	900 SERIES GAS FURNACE TRAINING	8:00-12:00	Grand Rapids	\$100	4	4

Students who provide their NATE ID are eligible for NATE Continuing Education Credits.

For Bryant Factory Training, go to mlctraining.com.

Cancellation Policy: Full Refund only if cancellation occurs at least 48 hours prior to class by calling 616.534.5136.



2022 TRAINING CLASSES

AUGUST - NOVEMBER



Highlighted courses qualify for factory hours

DATE	CLASS	TIME	LOCATION	COST	NATE HOURS	DISTRIBUTOR HOURS
Thursday, August 25	900 SERIES GAS FURNACE TRAINING	8:00-12:00	New Hudson	\$100	4	4
Tuesday, August 30	LIGHT COMMERCIAL ROOFTOP UNIT TRAINING	8:00-1:00	Livonia	\$125	5	5
Thursday, September 1	LIGHT COMMERCIAL ROOFTOP UNIT TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Tuesday, September 6	NATE TESTING	8:00-12:00	Grand Rapids	\$125	-	-
Wednesday, September 7 - Friday, September 9	RESIDENTIAL SYSTEM PERFORMANCE & RESIDENTIAL AIR BALANCING	8:00-5:00	Lansing	\$900	-	24 FAD
Thursday, September 8	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	Grand Rapids	\$250	-	7.5
Tuesday, September 27	DUCTLESS INSTALL TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Thursday, September 29	DUCTLESS SERVICE TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Wednesday, October 5	DEADMAN STEAM SCHOOL	9:00-4:00	New Hudson	\$100	-	-
Tuesday, October 25	BASIC HEATING	8:00-1:00	Livonia	\$125	5	5
Thursday, October 27	900 SERIES GAS FURNACE TRAINING	8:00-10:30	ONLINE	\$75	2.5	2.5
Tuesday, November 1 - Thursday, November 3	COMBUSTION PERFORMANCE & CO SAFETY	8:00-5:00	New Hudson	\$875	-	24 FAD
Wednesday, November 2	GREENSTAR BOSCH BOILER TRAINING	9:00-4:00	Livonia	\$100	-	-

Students who provide their NATE ID are eligible for NATE Continuing Education Credits.

For Bryant Factory Training, go to mlctraining.com.

Cancellation Policy: Full Refund only if cancellation occurs at least 48 hours prior to class by calling 616.534.5136.



2022 TRAINING CLASSES

NOVEMBER - DECEMBER



Highlighted courses qualify for factory hours

DATE	CLASS	TIME	LOCATION	COST	NATE HOURS	DISTRIBUTOR HOURS
Tuesday, November 8	HYDRONIC RADIANT HEATING	9:00-4:00	New Hudson	\$100	-	-
Thursday, November 10	NATE TESTING	8:00-12:00	Livonia	\$125	-	-
Wednesday, December 7	NATE TESTING	8:00-12:00	Macomb	\$125	-	-
Wednesday, December 14	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	Kalamazoo	\$250	-	7.5

Students who provide their NATE ID are eligible for NATE Continuing Education Credits.

For Bryant Factory Training, go to mlctraining.com.

Cancellation Policy: Full Refund only if cancellation occurs at least 48 hours prior to class by calling 616.534.5136.

CLASS DESCRIPTIONS

900 SERIES GAS FURNACE TRAINING

This class covers installation, startup and sequence of operation of the 900 series furnace. We'll discuss updates to the furnaces including the new models due to the new Fan Efficiency Ratings (FER) as well as furnace fault codes and troubleshooting these codes. Students that provide their NATE ID are eligible for NATE continuing education credit. Students must attend the full session to receive credit.

A/C 1 TRAINING

This is a introductory class designed for a person new to the A/C industry. The topics covered in this class include an understanding of heat (sensible and latent), heat transfer, understanding the BTU, refrigeration cycle thru boiling and condensing, refrigerants and their purpose in a system, superheat and sub cooling, system components and the basic refrigeration A/C system and how it operates.

BASIC HEATING

This is a beginners class for technicians with little experience in the heating field. Students will gain a basic understanding of the basic operation of gas furnaces and their components. Class topics include basic safety, fuels and properties, combustion and burners, and venting and basic electrical components.

BRYANT A/C & HEAT PUMP TRAINING

Learn about the air conditioning & heat pump product lines; how a heat pump system works on both air conditioning and heating modes. Also, learn how to service and install both air conditioners and heat pumps.

BRYANT EVOLUTION INSTALL & APPLICATION TRAINING

This course is designed to familiarize technicians with a Bryant Evolution Connex control and zoning systems. This course will cover service/troubleshooting, system applications and installation best practices. We will cover components and accessories that may be utilized with Evolution systems. As well as control settings and system preferences for optimal system performances.

BRYANT EVOLUTION TRAINING - GRANDY & ASSOCIATES

Bryant Evolution® systems continue to be an industry leader in innovation and technology. The unique blend of proprietary features makes it one of the best comfort systems available. Unless customers understand all of the system benefits, they will not see the value of the Evolution® solution. This class is designed to equip your team with conversational knowledge so they can describe the system using examples the customer will understand and relate to. From comfort consultants, selling technicians, to the person answering the phone at your office, attendees will leave with greater confidence of how to present Evolution® solutions.

Register today and learn how to tell the Bryant Evolution® story:

- The Bryant Evolution® proprietary technologies and how they set you apart including the New Next Generation Products.
- Complete overview of the Bryant Evolution® product line.
- The importance of offering choices.
- Selling with promotions and financing.
- Overcome objections and close the deal.

COMBUSTION & PERFORMANCE CO SAFETY - NATIONAL COMFORT INSTITUTE

Students learn to profitably deliver optimum combustion performance and carbon monoxide (CO) safety through the proper use of combustion analyzers and draft gauges. Common CO sources and efficiency issues are identified with appropriate solutions. Many former students report life-saving stories that are directly attributed to knowledge gained from this course.

COMMERCIAL AIR BALANCING - NATIONAL COMFORT INSTITUTE

Students learn to maximize air delivery and overall HVAC system performance in a commercial building. Upon completion, students can perform high quality air balancing services and deliver professional reports for systems up to 20 tons. This class is also ideal for facility management professionals who need to test and balance systems within their buildings.

CLASS DESCRIPTIONS CONT.

DEADMAN STEAM SCHOOL

Learn how and why the "Dead Men" did what they did, what components make up a modern steam boiler and the reasons for piping them the way we do. Finally how to properly balance them.

DUCT SYSTEM OPTIMIZATION & RESIDENTIAL AIR BALANCING - NATIONAL COMFORT INSTITUTE

Students learn to optimize existing residential duct systems, redesigning them to deliver more of the heating and cooling capacity that the HVAC equipment is rated to provide. Typical duct systems lose 43% of the equipment's efficiency. Optimized duct systems, which can be installed during mild weather months, reduce that rate by 50% or more.

Students learn to deliver greater comfort throughout the residence by eliminating hot and cold spots through application of professional air balancing techniques. This highly profitable service helps contractors comply with tighter local, state, and federal building codes.

PLEASE NOTE: As a prerequisite, students must have attended an NCI RSP or DSO course.

DUCTLESS INSTALL TRAINING

In this training we will explore the entire Bryant/Midea product line up, controls and accessories. We will look at all aspects of the installation process including pre-planning, installation concerns, unit placement, piping, wiring and best start up practices. We will review basic troubleshooting codes and system check out procedures.

DUCTLESS SERVICE TRAINING

The training will cover Ductless Technology, system components, inverter technology and operation, controls overview, misapplication issues, error codes, troubleshooting, and troubleshooting resources (i.e. service manuals). Students must attend the full session to receive credit.

EPA SECTION 608 CERTIFICATION & EXAM

A course designed to provide basic training in preparation for EPA approved refrigerant handling certification. The course covers ozone depletion theory, the Clean Air Act, EPA Regulations, refrigerant recovery, recycling, recovery, safe refrigerant- handling, and alternative refrigerants. Technicians preparing for this examination should be familiar with the basic vapor-compression refrigeration cycle, as well as common service principles, practices, and procedures. At the conclusion of the seminar participants take the test which will be administered by a proctor. Seminar fee includes a study manual, 6 hours of professional instruction, examination administration, and certification cards for those who pass the examination. Enrollees may become certified in Type I, Type II, Type III, or Universal.

GREENSTAR BOSCH BOILER TRAINING

Join us to talk about features and benefits, installation, service, piping, wiring, commissioning, troubleshooting and maintenance.

HOT WATER BOILER OPERATION

A look at hot water boiler systems, old to new. Questions that this class will answer are:

- What went into the old systems?
- Why did they do the things they did?
- What do we do to make successful systems today?

HYDRONIC RADIANT HEATING

Join us to talk about radiant floors, walls, ceilings, water temp, tubing types and sizes, installation techniques, installation requirements, and avoiding pit falls.

CLASS DESCRIPTIONS CONT.

HYBRID INSTALL

Bryant Ductless Single Zone Hybrid Solutions - In this course, we will review the product lineup and compatibility of single zone Bryant Hybrid Solutions, including the compatibility of ductless condensing units with Bryant conventional fan coils, or furnace and A coil combinations.

The class will also include:

- Installation and best installation practices
- System piping and controls installation including the 24-volt interface
- Proper system startup and testing

LIGHT COMMERCIAL ROOFTOP UNIT TRAINING

This training will cover the Bryant RTU Line Up, controls such as the IGC board, Central Terminal board and the new Jade economizer controls. Operation and troubleshooting the new Axion blower and the 2 speed VFD 580J units. Reviewing the troubleshooting codes as well as unit start up and operation. Students that provide their NATE ID are eligible for NATE continuing education credit. Students must attend the full session to receive credit.

NATE A/C EXAM PREPARATION COURSE

This class is intended to aid the technician preparing or reviewing for the NATE A/C and Heat Pump Certification Exam. Topics covered include human comfort, heat transfer and the basic refrigeration cycle, system components, electrical components, installation guidelines, system performance testing, and more. This is a preparation class; this is not a formal refrigeration and A/C training course.

NATE TESTING

NATE certification tests represent real working knowledge of HVACR systems and are designed to allow you to be certified in specific knowledge areas. You can earn installation, service or senior certification in one or more of the following specialty areas: - Air Conditioning (AC) - Air Distribution (AD) - Heat Pumps (Air-to-Air) (HP) - Gas Heating (GS) - Oil Heating (OL) - Hydronics Gas (HG) (service only) - Hydronics Oil (HO) (service only) - Light Commercial Refrigeration (LC) (service only) - Commercial Refrigeration (RC)(service only) - Ground Source Heat Pump Loop Installer - HVAC Efficiency Analyst (Senior Level) (EA) - HVAC Performance Verifier (for HERS Raters) - Industry Competency Exams.

RESIDENTIAL SYSTEM PERFORMANCE & RESIDENTIAL AIR BALANCING - NATIONAL COMFORT INSTITUTE

Students learn to discover and repair hidden safety, health, comfort, and energy-draining residential HVAC system defects through advanced diagnostic procedures. The higher average sales generated with this approach include high-efficiency residential equipment, accessories, installation supplies, and maintenance agreements - all year long.

Students learn to deliver greater comfort throughout the residence by eliminating hot and cold spots through application of professional air balancing techniques. This highly profitable service helps contractors comply with tighter local, state, and federal building codes.

PLEASE NOTE: As a prerequisite, students must have attended an NCI RSP or DSO course.

VRF INSTALL TRAINING

In this training you will learn to understand VRF technology and application, explore the Bryant VRF product line features and specifications, examine Bryant VRF product features and controls. review installation procedures, best practices, and testing, identify and review start-up procedures, discuss troubleshooting codes and best practices, and participate in hands-on activities and practice. This course is a pre-requisite for the service training.

VRF SERVICE TRAINING

In this training you will learn to understand VRF technology and application, proper start up and test procedures, how to use service tool software, troubleshooting fault codes, and participate in hands-on activities and practice. Bryant VRF Install is a pre-requisite to this Service Training. YOU MUST ATTEND A BRYANT VRF INSTALL TRAINING BEFORE ATTENDING THIS SERVICE TRAINING.