



2023

TRAINING SCHEDULE



2023 TRAINING SCHEDULE

JANUARY – MARCH

DATE	CLASS	TIME	LOCATION	COST	NATE HOURS	DISTRIBUTOR HOURS
TUESDAY, JANUARY 17	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-1:00	NEW HUDSON	\$125*	5	5
THURSDAY, JANUARY 19	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-1:00	LIVONIA	\$125*	5	5
TUESDAY, JANUARY 24	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-1:00	GRAND RAPIDS	\$125*	5	5
THURSDAY, JANUARY 26	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-10:30	VIRTUAL	\$100	2.5	2.5
TUESDAY, FEBRUARY 7	BASIC HEATING	8:00-1:00	LIVONIA	\$125*	5	
THURSDAY, FEBRUARY 9	BRYANT EVOLUTION INSTALL & APPLICATION TRAINING	8:00-12:00	GRAND RAPIDS	\$100	4	4
TUESDAY, FEBRUARY 21	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-1:00	MACOMB	\$125*	5	5
THURSDAY, FEBRUARY 23	BRYANT EVOLUTION INSTALL & APPLICATION TRAINING	8:00-12:00	WARREN	\$100	4	4
THURSDAY, MARCH 2	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-1:00	KALAMAZOO	\$125*	5	5
TUESDAY, MARCH 7	BRYANT EVOLUTION INSTALL & APPLICATION TRAINING	8:00-10:30	VIRTUAL	\$100	2.5	2.5
THURSDAY, MARCH 9	BRYANT EVOLUTION INSTALL & APPLICATION TRAINING	8:00-12:00	TROY	\$100	4	4
TUESDAY, MARCH 14	A/C 1 TRAINING	8:00-12:00	GRAND RAPIDS	\$100	4	
THURSDAY, MARCH 16	A/C 1 TRAINING	8:00-12:00	NEW HUDSON	\$100	4	
TUESDAY, MARCH 21	DUCTLESS INSTALL TRAINING	8:00-12:00	KALAMAZOO	\$100	4	4
THURSDAY, MARCH 23	DUCTLESS SERVICE TRAINING	8:00-12:00	KALAMAZOO	\$100	4	4
TUESDAY, MARCH 28	BRYANT A/C & HEAT PUMP TRAINING	8:00-12:00	GRAND RAPIDS	\$100	4	4
THURSDAY, MARCH 30	BRYANT A/C & HEAT PUMP TRAINING	8:00-10:30	VIRTUAL	\$100	2.5	2.5

***Lunch will be provided**

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

For Bryant Factory Training, go to mlctraining.com

All Toledo events will be held at Wingate by Windham [5480 South Main Street | Sylvania, OH](https://www.wingatebywindham.com).

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

2023 TRAINING SCHEDULE

APRIL – MAY

DATE	CLASS	TIME	LOCATION	COST	NATE HOURS	DISTRIBUTOR HOURS
WEDNESDAY, APRIL 5	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-1:00	MUSKEGON HOTEL	\$125*	5	5
THURSDAY, APRIL 6	NATE TESTING	8:00-12:00	LANSING	\$125 PER TEST		
TUESDAY, APRIL 11	DUCTLESS INSTALL TRAINING	8:00-12:00	TROY	\$100	4	4
THURSDAY, APRIL 13	DUCTLESS SERVICE TRAINING	8:00-12:00	TROY	\$100	4	4
TUESDAY, APRIL 18	DUCTLESS HYBRID SOLUTIONS	8:00-12:00	NEW HUDSON	\$100	4	4
WEDNESDAY, APRIL 19	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	FLINT	\$250*		
THURSDAY, APRIL 20	DUCTLESS HYBRID SOLUTIONS	8:00-12:00	GRAND RAPIDS	\$100	4	4
TUESDAY, APRIL 25	900 SERIES GAS FURNACE TRAINING	8:00-12:00	LANSING	\$100	4	4
WEDNESDAY, APRIL 26	NATE A/C EXAM PREPARATION COURSE	8:30-4:00	LANSING	\$250*		
THURSDAY, APRIL 27	900 SERIES GAS FURNACE TRAINING	8:00-12:00	TROY	\$100	4	4
TUESDAY, MAY 2	BASIC ELECTRICITY	8:00-12:00	NEW HUDSON	\$100	4	
THURSDAY, MAY 4	BRYANT EVOLUTION INSTALL & APPLICATION TRAINING	8:00-12:00	KALAMAZOO	\$100	4	4
TUESDAY, MAY 9	BRYANT A/C & HEAT PUMP TRAINING	8:00-12:00	NEW HUDSON	\$100	4	4
THURSDAY, MAY 11	BRYANT A/C & HEAT PUMP TRAINING	8:00-12:00	TROY	\$100	4	4
TUESDAY, MAY 16	BASIC ELECTRICITY	8:00-12:00	TROY	\$100	4	
THURSDAY, MAY 18	BASIC ELECTRICITY	8:00-12:00	KALAMAZOO	\$100	4	
WEDNESDAY, MAY 24	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	MACOMB	\$250*		

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2023 TRAINING SCHEDULE

JUNE – SEPTEMBER

DATE	CLASS	TIME	LOCATION	COST	NATE HOURS	DISTRIBUTOR HOURS
TUESDAY, JUNE 6	DUCTLESS INSTALL TRAINING	8:00-10:30	VIRTUAL	\$100	2.5	2.5
THURSDAY, JUNE 8	DUCTLESS SERVICE TRAINING	8:00-10:30	VIRTUAL	\$100	2.5	2.5
TUESDAY, AUGUST 22	900 SERIES GAS FURNACE TRAINING	8:00-12:00	GRAND RAPIDS	\$100	4	4
THURSDAY, AUGUST 24	900 SERIES GAS FURNACE TRAINING	8:00-10:30	VIRTUAL	\$100	2.5	2.5
TUESDAY, AUGUST 29	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-1:00	LIVONIA	\$125*	5	5
THURSDAY, AUGUST 31	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-10:30	TOLEDO	\$125*	5	5
TUESDAY, SEPTEMBER 5	NATE TESTING	8:00-12:00	GRAND RAPIDS	\$125 PER TEST		
THURSDAY, SEPTEMBER 7	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	GRAND RAPIDS	\$250*		
TUESDAY, SEPTEMBER 12	900 SERIES GAS FURNACE TRAINING	8:00-12:00	KALAMAZOO	\$100	4	4
THURSDAY, SEPTEMBER 14	BASIC ELECTRICITY	8:00-10:30	VIRTUAL	\$100	4	
TUESDAY, SEPTEMBER 19	BRYANT 2023 ROOFTOP UNIT TRAINING	8:00-1:00	TROY	\$125*	5	5
THURSDAY, SEPTEMBER 21	BASIC ELECTRICITY	8:00-12:00	LIVONIA	\$100	4	
TUESDAY, SEPTEMBER 26	DUCTLESS INSTALL TRAINING	8:00-12:00	GRAND RAPIDS	\$100	4	4
THURSDAY, SEPTEMBER 28	DUCTLESS SERVICE TRAINING	8:00-12:00	GRAND RAPIDS	\$100	4	4

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2023 TRAINING SCHEDULE

OCTOBER – DECEMBER

DATE	CLASS	TIME	LOCATION	COST	NATE HOURS	DISTRIBUTOR HOURS
TUESDAY, OCTOBER 3	HOT WATER BOILER OPERATION	9:00-4:30	LIVONIA	\$150*		8
THURSDAY, OCTOBER 5	LOST ART OF STEAM HEATING	9:00-4:30	LANSING	\$150*		
TUESDAY, OCTOBER 10	BOSCH GREENSTAR INSTALLATION & SERVICE	9:00-4:30	LANSING	\$150*		
TUESDAY, OCTOBER 10	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	NEW HUDSON	\$250*		
THURSDAY, OCTOBER 12	NATE HEATING EXAM PREPARATION COURSE	8:30-4:00	LIVONIA	\$250*		7.5
TUESDAY, OCTOBER 17	HYDRONIC RADIANT HEATING	9:00-4:30	NEW HUDSON	\$150*		
TUESDAY, OCTOBER 17	DUCTLESS INSTALL TRAINING	8:00-12:00	TOLEDO	\$100	4	4
THURSDAY, OCTOBER 19	DUCTLESS SERVICE TRAINING	8:00-12:00	TOLEDO	\$100	4	4
TUESDAY, OCTOBER 24	BASIC HEATING	8:00-10:30	VIRTUAL	\$100	2.5	
THURSDAY, OCTOBER 26	900 SERIES GAS FURNACE TRAINING	8:00-10:30	TOLEDO	\$100	4	4
THURSDAY, NOVEMBER 2	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	MACOMB	\$250*		
THURSDAY, NOVEMBER 9	NATE TESTING	8:00-12:00	LIVONIA	\$125 PER TEST		
WEDNESDAY, DECEMBER 6	NATE TESTING	8:00-12:00	MACOMB	\$125 PER TEST		
TUESDAY, DECEMBER 12	NATE TESTING	8:00-12:00	LANSING	\$125 PER TEST		
WEDNESDAY, DECEMBER 13	EPA SEC 608 CERTIFICATION & EXAM	8:30-4:00	KALAMAZOO	\$250*		
THURSDAY, DECEMBER 14	NATE TESTING	8:00-12:00	GRAND RAPIDS	\$125 PER TEST		

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COURSE DESCRIPTIONS

A/C 1 TRAINING

This is an 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 ELECTRICITY

This is a beginner's course designed for those with little to no electrical or controls training. This course will introduce the basic concepts of electricity and its practical use. Concepts covered in this training are: Understanding electrical theories and terms, such as ohms law voltage, current, resistance, potential and flow, the use of meters for testing voltage, amperage and resistance, basic circuit and basic electrical symbols, motors, switches, and other electrical loads. Basic electrical safety will also be covered.

BASIC HEATING

This is a beginner's 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
- Venting and basic electrical components

BOSCH GREENSTAR INSTALLATION & SERVICE

Join us to learn the features and benefits, installation, service, piping, wiring, commissioning, troubleshooting and maintenance.

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. Topics discussed will be service/ troubleshooting, system applications and installation best practices. We will review components and accessories that may be utilized with Evolution systems, as well as control settings and system preferences for optimal system performances.

BRYANT 2023 ROOFTOP UNIT TRAINING

This training will cover the Bryant Rooftop Unit Line Up and will go over changes for 2023. Other items discussed are controls such as the IGC board, Central Terminal board and the new Jade economizer controls. Operation and troubleshooting the Axion blower and the 2 speed VFD 580J units. Reviewing the troubleshooting codes as well as unit start up and operation.

The location labeled as Muskegon Hotel for this course will be held at [1675 E. Sherman Blvd. | Muskegon, MI](#)

COURSE DESCRIPTIONS

DUCTLESS 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

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).

EPA SEC 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.

HOT WATER BOILER OPERATION

This class reviews hot water boiler systems, old to new. Questions that this class will address 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

Design, sizing, and Installation techniques, for Radiant floors. Walls, ceilings, and low temperature radiators.

This class is for : Sales people, designers, and installers of radiant heating systems.

LOST ART OF STEAM HEATING

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.

COURSE DESCRIPTIONS

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 HEATING EXAM PREPARATION COURSE

This class is intended to aid the technician preparing or reviewing for the NATE Gas Heating Certification exam. Topics reviewed will be system components, applied knowledge, installation, and heating service. This is a preparation class; this is not a formal heating training course.

NATE TESTING

NATE certification tests represent real working knowledge of HVAC/R 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.

Cost is \$125 per test.

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.