

FLUSHING, NEW YORK CITY

Tauris Tech Hands-on HVAC classes

Eight classes on real equipment, each one three Saturdays with an instructor beside you and the material in the Tauris Training app.

ONE CLASS	**$3,000**	former students $2,400 (20% off)
ALL 8, 25% OFF	**$18,000**	former students $16,000 (33% off)

18 hours hands-on in each class, across three Saturdays. 8 classes, November 14, 2026 to May 8, 2027.

347.915.4822 · info@tauristech.org · tauristech.org/hands-on

THE CALENDAR

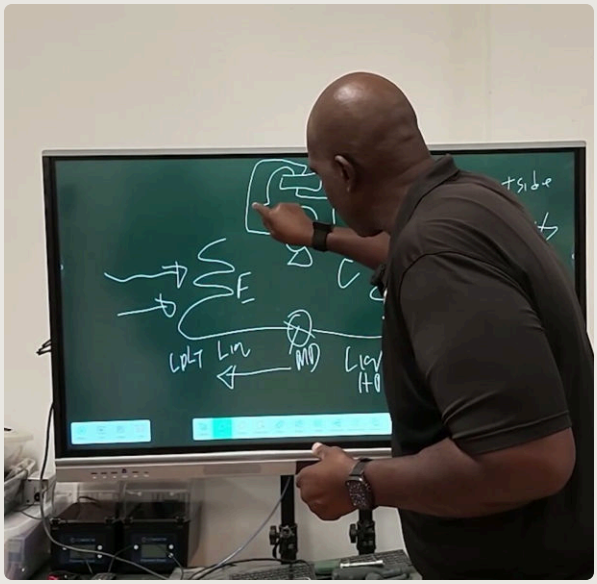
Every class date

The classes run back to back, each starting the week after the last one ends, so you can take them one after another or pick the single one your work needs.

	CLASS	SATURDAYS
1	**Charging, recovery, evacuation, brazing and EPA 608**	November 14, November 21 and November 28 2026
2	**Heat pumps, mini-splits and geothermal**	December 5, December 12 and December 19 2026
3	**Electrical, electric heat and air conditioning**	January 9, January 16 and January 23 2027
4	**Gas and oil heat**	January 30, February 6 and February 13 2027
5	**Light commercial AC and refrigeration**	February 20, February 27 and March 6 2027
6	**Hydronic heat and water heaters**	March 13, March 20 and March 27 2027
7	**Carbon monoxide and combustion**	April 3, April 10 and April 17 2027
8	**Building automation systems**	April 24, May 1 and May 8 2027

What every class includes

- 18 hours on real equipment, three Saturdays, 9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM
- 6 months of online material in the Tauris Training app, videos and quizzes
- Preparation for the HVAC Excellence Employment Ready certifications listed with each class
- A Tauris Tech certificate when you finish
- $3,000 a class, or $2,400 if you have trained with us before
- $18,000 for all 8 taken together, a 25% discount off the $24,000 they come to singly, with 24 months in the app. Former students pay $16,000 (33% off)



The cycle on the board before the cover comes off the machine.

Every class meets at 136-06 Horace Harding Expressway, Flushing, NY 11367.



Recovering a charge into the tank, with the recovery machine running

CLASS 1 OF 8

Charging, recovery, evacuation, brazing and EPA 608

Weigh in a charge, recover one without venting it, pull a vacuum that holds, and braze the joint that carries it.

SATURDAYS	HOURS	PRICE
November 14, November 21 and November 28, 2026	**9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM**	**$3,000, 6 months in the app**

> The EPA 608 course and exam are included: the federal certification for anyone who handles refrigerant.

What you walk out able to do

Charge a system and recover one properly

Weigh in a charge and read the gauges against the nameplate, then take one back out without venting it and pull a vacuum deep enough to hold.

Make the joint that carries it

Brazing, soldering and flaring on copper, and the leak test that proves a line before anything goes into it.

Prepares you for these HVAC Excellence Employment Ready certifications:

- **Basic Refrigeration and Charging Procedures** `50 questions`
  AC&R theory, systems & components, air supply & delivery, refrigeration AC troubleshooting, refrigeration systems & components, theory & application, special components, system charging
- **Brazing and Soldering** `50 questions`
  Types of copper tubing, cutting/bending/swaging, proper tool use, torch safety, brazing, soldering, flaring, leak testing
- **System Recovery and Evacuation** `50 questions`
  Safety, refrigerant recovery process, recycling & reclamation, evacuation process, proper tool use, deep vacuum, filter drier use
- **Low GWP Refrigerants** `50 questions`

`4 certifications, 200 questions in all.`



Running a line set to a pair of indoor heads in the shop.

CLASS 2 OF 8

Heat pumps, mini-splits and geothermal

Heat pumps, mini-splits and ground loops: the cycle, the controls, the schematic and the service call.

SATURDAYS	HOURS	PRICE
December 5, December 12 and December 19, 2026	**9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM**	**$3,000, 6 months in the app**

What you walk out able to do

Read the schematic and find the fault

Follow the wiring diagram to the component that is failing, and know what the controls are asking the system to do.

Run the cycle and service the unit

Heat pumps, mini-splits and geothermal, on real equipment, until a service call is something you have already done.

Prepares you for these HVAC Excellence Employment Ready certifications:

- **Heat Pumps** `100 questions`
  Components & controls, heat pump cycle, service, theory, troubleshooting, reading schematics
- **Mini-Split Core Essentials** `100 questions`
  Basic operation, concepts, and installation of Mini-Split systems
- **Geothermal Heat Pumps** `100 questions`
  Components & controls, loops, heat pump cycle, service, theory, troubleshooting, reading schematics

`3 certifications, 300 questions in all.`



An electric heater element, opened up in front of the class

CLASS 3 OF 8

Electrical, electric heat and air conditioning

Three Saturdays on the electrical side of HVAC, electric heat, air conditioning, and finding the fault in any of them.

SATURDAYS	HOURS	PRICE
January 9, January 16 and January 23, 2027	**9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM**	**$3,000, 6 months in the app**

What you walk out able to do

Put a meter on it and read what it says

Components, motors and capacitors, and knowing which reading means the part is good and which means it is finished.

Follow the diagram to the fault

Every panel is a circuit, and the diagram inside the door is how you trace it to the part that has failed.

Prepares you for these HVAC Excellence Employment Ready certifications:

- **Electricity for HVAC** `100 questions`
  Components, meter usage, safety, theory, troubleshooting, motors & capacitors, interpreting electrical diagrams
- **Electric Heat** `100 questions`
  Systems & components, installation & service, safety, theory & application, troubleshooting
- **Air Conditioning** `100 questions`
  Air conditioning & refrigeration theory, equipment service, systems & components, troubleshooting, refrigerant flow control theory & application
- **System Diagnostics & Troubleshooting** `50 questions`
  Recovery requirements, AC&R theory, air supply & delivery, equipment & tools, systems & components, evacuation

`4 certifications, 350 questions in all.`

`tauristech.org/hands-on/air-conditioning · 347.915.4822`



Condensing gas boilers in a plant room

CLASS 4 OF 8

Gas and oil heat

Three Saturdays on gas and oil heat: combustion, furnace install, service and heating safety.

SATURDAYS	HOURS	PRICE
January 30, February 6 and February 13, 2027	**9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM**	**$3,000, 6 months in the app**

What you walk out able to do

Install, service and troubleshoot a furnace

Combustion theory and the components behind it, so what you are looking at makes sense before you touch it, and heating safety throughout.

Work either fuel

Gas and oil are two different sets of components and one trade, and knowing both is what makes you the one who gets sent.

Prepares you for these HVAC Excellence Employment Ready certifications:

- **Gas Heat** `100 questions`
  Combustion theory, electrical troubleshooting, furnace install/service/troubleshooting, heating safety, systems & components
- **Oil Heat** `100 questions`
  Combustion theory & fuels, safety, heating systems & components, installation & service, troubleshooting

`2 certifications, 200 questions in all.`



A commercial machine room: switchgear, air handlers and the plant

CLASS 5 OF 8

Light commercial AC and refrigeration

Three Saturdays on commercial AC and refrigeration, pressure enthalpy and psychrometrics.

SATURDAYS	HOURS	PRICE
February 20, February 27 and March 6, 2027	**9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM**	**$3,000, 6 months in the app**

What you walk out able to do

Install and service commercial equipment

Light commercial air conditioning and refrigeration systems, the components inside them, and what to do when one stops.

Prove the system is doing what it should

The refrigeration cycle as numbers you can check: pressure enthalpy for capacity and efficiency, psychrometrics for the air going through it.

Prepares you for these HVAC Excellence Employment Ready certifications:

- **Light Commercial Air Conditioning** `100 questions`
  Commercial AC systems & components, installation & service, refrigeration theory & application, troubleshooting
- **Light Commercial Refrigeration** `100 questions`
  Equipment installation & service, refrigeration systems & components, theory & application, troubleshooting
- **Pressure Enthalpy** `50 questions`
  Refrigeration cycle as a repeatable system, determining parameters, capacity & efficiency, evaluation & troubleshooting
- **Psychrometrics** `50 questions`
  Air properties, psychrometric chart reading, mixed-air system calculations, airflow formulas, process evaluation, balancing

`4 certifications, 300 questions in all.`

`tauristech.org/hands-on/light-commercial · 347.915.4822`



Charging a water loop and proving the fittings hold

CLASS 6 OF 8

Hydronic heat and water heaters

Three Saturdays on hydronic heat and the water heaters beside it.

SATURDAYS	HOURS	PRICE
March 13, March 20 and March 27, 2027	**9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM**	**$3,000, 6 months in the app**

What you walk out able to do

Service a hydronic system

Theory and principle, how a system is designed and what each component does, so a boiler room reads as a system rather than a wall of pipes.

Size, install and service a water heater

From sizing the unit for the building to putting a meter on it the morning it stops working.

Prepares you for these HVAC Excellence Employment Ready certifications:

- **Residential & Light Commercial Hydronic Heat** `100 questions`
  Theory & principle, installation, design & function, service, component recognition
- **Water Heaters** `50 questions`
  Safety, sizing, components, theory, typical operation & installation, meter usage, servicing, troubleshooting

`2 certifications, 150 questions in all.`



Checking the flue above a boiler, where the combustion gases leave

CLASS 7 OF 8

Carbon monoxide and combustion

Three Saturdays on combustion analysis, carbon monoxide safety and the building pressures behind both.

SATURDAYS	HOURS	PRICE
April 3, April 10 and April 17, 2027	**9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM**	**$3,000, 6 months in the app**

What you walk out able to do

Analyze a combustion appliance properly

Draft, fuel properties and the measurements that tell you whether an appliance is burning the way it should.

Find the carbon monoxide and the reason for it

Alarms and response, building and static pressure, and the combustion appliance zone testing that shows where an imbalance is pulling flue gas back into a building.

Prepares you for these HVAC Excellence Employment Ready certifications:

- **Carbon Monoxide & Combustion Analysis** `100 questions`
  Combustion theory & fuels, CO safety, building pressure measurements, combustion knowledge & analysis, measurements, health effects
- **Carbon Monoxide Safety** `50 questions`
  Alarms & response, building pressure measurements, combustion gas knowledge, measurements, instrumentation & tools
- **Combustion Appliance Zone** `50 questions`
  Building pressure knowledge & measurements, static pressure, pressure imbalances, CAZ testing
- **Fuel Oil Combustion** `50 questions`
  Combustion knowledge, fuel properties, advanced combustion, analysis, draft
- **Natural Gas Combustion** `50 questions`
  Fuel properties, combustion knowledge, analysis, draft

`5 certifications, 300 questions in all.`

`tauristech.org/hands-on/carbon-monoxide · 347.915.4822`



The controllers that run a building, on the mechanical room wall

CLASS 8 OF 8

Building automation systems

Three Saturdays on direct digital control: networks, controllers, logic, and the sensors and actuators in the field.

SATURDAYS	HOURS	PRICE
April 24, May 1 and May 8, 2027	**9:30 AM to 12:30 PM and 1:30 PM to 4:30 PM**	**$3,000, 6 months in the app**

What you walk out able to do

Work a DDC system end to end

Fundamentals, networks and controllers, so a building's control system is something you navigate rather than something you call somebody else about.

Install the field devices and write the logic

Sensor and actuator installation and application, and the digital logic and programming behind what they do.

Prepares you for these HVAC Excellence Employment Ready certifications:

- **Building Automation Systems** `100 questions`
  DDC fundamentals, networks, controllers, digital logic & programming, sensor & actuator installation and applications

`1 certification, 100 questions in all.`



ENROLLING

Take the one your work needs

Book a class

Every class is bought on its own page at tauristech.org/hands-on, or by phone if you would rather talk it through first. No card is needed to make an account and look at the app.

Training a crew

Group pricing, invoicing and purchase orders, and an activity report for every seat, so you can see who has done the work. Call for a quote on headcount.

On your own site

Any of these classes can be taught at your site as a seminar, 5 participants minimum. Additional fees apply outside New York and New Jersey.

Tauris Tech

136-06 Horace Harding Expressway
Flushing, NY 11367

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tauristech.org/hands-on

Training people worldwide in the skilled trades since 2016. FDNY-approved.

The next class starts November 14.

tauristech.org/hands-on