

## ONLINE TRAINING IS HERE!

*A New Hybrid online program is being offered at Brownson Technical School.*

To ring in the new year, Brownson Technical School is pleased to announce we offer a “blended” learning option to students interested in training in HVAC/R Technology. This option incorporates online and hands-on training (50-50%). This means students would only need to come to the Anaheim facility half of the time! The class work is done online.

This option is designed for a wide variety of needs. To start, people that live a greater distance from Anaheim can now easily commute. Secondly, for individuals that better relate to an online environment can benefit. Imagine the gasoline you would save, not to mention the wear and tear on your car!

Students will still have the option of a traditional teacher/classroom based format where all training is held at our facility in Anaheim. Both methods of training are geared to achieve the same goals of learning the skills necessary to succeed in the field of HVAC/Refrigeration Technology!

Contact **Brownson Technical School** for more information at **877-276-9676**

## STUDENT SPOTLIGHT



JP Sarabia, the owner of three local pub’s realized he was spending thousands of dollars on refrigeration repair and service. While discussing this with one of his employees, who just happened to be a student of BTS, it was suggested he investigate Brownson Technical School and their HVAC/R Technology

Program. JP thought about how much money he could save if he and his son, Jacob, learned the trade themselves. Soon after, JP scheduled an appointment with Faith Rolla in admissions at the school. “Faith is good at what she does,” says JP, “she explained everything in detail. It made sense for Jacob and me to enroll and get the skills not only for our own business, but for future ventures in the industry.” JP explained, “It has been challenging to go back to school but it was the best decision I could have made for my business, family and myself. My ultimate goal is to save money and get my son Jacob up and running in the HVAC/R business.”

*JP Sarabia*



NATE is the nations largest non-profit certification organization for HVAC/R Technicians. Governed, owned, supported and recognized by the HVAC/R industry. **Brownson Technical School** is pleased to offer NATE training to all of its graduates.

## BUILDING PERFORMANCE



***Brownson Technical School*** is please to announce our Building Performance module is up and running and a success!

### What is Building Performance?

Building Performance incorporates all of the elements of a building structure in the selection and maintenance of the HVAC equipment. Instead of thinking of the building as the place where we install the AC equipment, we want students to view a building as a Heat Management system. Depending on whether it is very hot outside or very cold, the heat travels either from the outside in, or from the inside out. The HVAC system (as well as Refrigeration equipment) is a “sub-system” of the building “envelope”.

#### With this knowledge, students will be able to:

Decide what could, should, or might be done to the structure to minimize heat traveling into or out. Things like: Insulation, Low-“E” windows (dual or triple pane), shading, and sealing of the structure.

After upgrading the thermal barriers (above), what would be the appropriate size, design, and performance characteristics of the HVAC System? What are the optimum installation practices? How should the system be properly maintained and serviced?

If there is an existing system in place and the retrofitting of thermal barriers and system replacement aren’t in the cards, what can and should be done to increase the performance of the existing system. In most systems we can double the energy efficiency of even an old low efficiency or new high efficiency home system with correcting mistakes made when the ductwork was installed. The average home has a system that delivers 1/2 of the system’s heating or cooling. In other words, you get 2 1/2 tons from every 5 ton system! With some very simple methods, this can be brought up to well over 90% performance! That would effectively cut the customer’s heating or cooling utility bills in half.

- **BILL BROWN** - *BTS Director*

## RECENT COMPANIES WHO HAVE HIRED

*Sears  
Specialty Cooling  
Applied Air  
American Air Balance  
Amco Mechanical  
ARS of Corona  
California Air Conditioning*

*Commerce Casino  
McMaster Heating and Air  
Cole Services  
Hotel Shangri La  
Service Champions  
Contemporary Heating & Air  
Johnson Controls*

*Associated Heating and Air  
HVAC Mechanical  
Hirsh Engineering  
Air West  
KC Refrigeration  
Air Force 1 Heating and Air  
Lennox*

## WHY BROWNSON TECHNICAL SCHOOL

When considering a training facility, it is very important to do your research. There are several schools that offer training in this field. Community Colleges offer 2 year programs. Vocational schools offer similar training, but can be completed in less than a year. Here are just a few things that make **BROWNSON TECHNICAL SCHOOL** stand out from the rest:

- Our tuition is lower than any other private vocational school in this area!
- Heating, Ventilation, Air Conditioning and Refrigeration is all we teach! We are experts in this field!
- NATE training and certification is offered to all graduates!
- You can complete the training in less than 1 year!
- A portion of the training can be done online!
- We have over 20,000 square feet of lab area filled with equipment for hands-on training.

*“Don’t aim for success if you want it; just do what you love and believe in, and it will come naturally.”*

*-David Frost*

## STUDENT APPRECIATION



*Brownson Technical School* takes pride in showing appreciation to new, current and alumni students.

Brownson Technical School  
1110-D Technology Cir.  
Anaheim, CA 92805

**ADDRESS SERVICE REQUESTED**

**WWW.BROWNSON.EDU**

**HYBRID - ONLINE  
NOW AVAILABLE!**

**The BTS Program**

**Heating, Ventilation, Air Conditioning, and  
Refrigeration Technology 1040 Hours**

**Daytime: Monday– Thursday 8:00 a.m.—2:30 p.m.**

**Evenings: Monday, Tuesday, Wednesday 6:00 p.m.10:00 p.m.**

**CALL US  
TO START  
YOUR  
NEW  
CAREER  
TODAY!**

Students who satisfactorily complete this program will be able to diagnose, service install and repair heating, ventilation, air conditioning equipment, as well as understand the reason for a building to gain or lose heat and to help mitigate the impact on energy. Training also includes systems utilizing direct digital controls (DDC). The overall scope of the training seeks to prepare graduates to understand the reason why HVAC/R equipment is needed inside structures and how to get the most performance from it. This, in many ways is a different approach than has been traditionally done. It sees the building as a system and the HVAC/R equipment as a sub-system of that system, As California moves toward “net-zero” energy usage for new homes and businesses the focus is on bringing existing buildings up to energy efficiency standards. This affects homes, businesses and industrial settings of all kinds, including but not limited to hospitals, offices, food storage, ice making applications, and numerous highly technical applications. *This program meets the educational requirements to proceed in the Local 250 Union Apprentice Program.*

**\*NEW CLASSES BEGIN EVERY MONTH\***

Call for an appointment at

**877-BROWNSON—877-276-9676**

