

THE BROWNSON BULLETIN

April 2025

INTRODUCTION

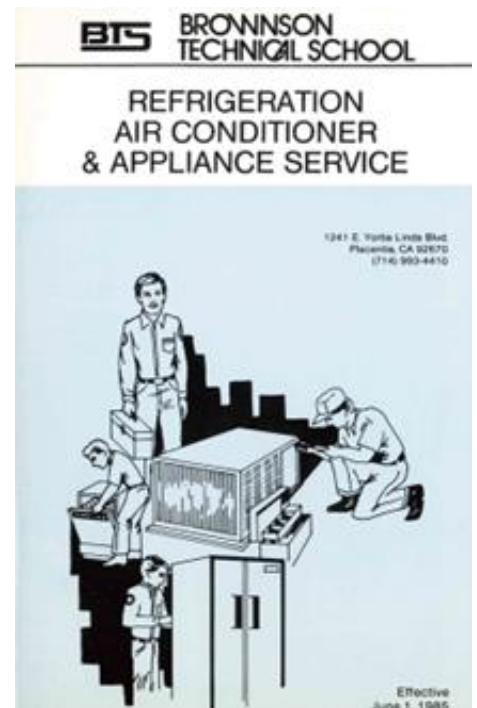
Welcome to this month's edition of the *Brownson Bulletin*! We hope you enjoy reading the *Brownson Bulletin* this month!

BULLETIN BOARD

Old Vintage *Brownson Catalog* was Found!

BY NICK BROWN

In October 2024, we discovered a vintage copy of the *Brownson Catalog*, effective June 1985, in our supply room. The 12-page long catalog detailed each course that Brownson offered to students back in the mid-80s. Some of the courses we offered back then varied from “Basic Electronics” to “Microwave Oven Installation.” Our HVAC program was only 234 hours, which is significantly shorter than our current 1,040-hour course. Back in 1985, we were located in Placentia! If you would like to take a trip down Memory Lane with us, please proceed to the next 2 pages to read our entire 1985 *Brownson Technical School Catalog*. >>>



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1110 S Technology Cir. Ste D, Anaheim, CA 92805

Old Vintage *Brownson Catalog* was Found! (continued)

Below is the entire 12-page Catalog from 1985!

BTS BROWNSON TECHNICAL SCHOOL

REFRIGERATION AIR CONDITIONER & APPLIANCE SERVICE

1241 E Yorba Linda Blvd
Placentia, CA 92670
(714) 959-4410

Effective June 1, 1985

Approval Disclosure Statement

Brownson Technical School, 1241 E. Yorba Linda Blvd., Placentia, CA 92670, was granted course approval from the California Superintendent of Public Instruction pursuant to California Education Code Section 94311 (d). The superintendent's approval means that the institution and its operation comply with the standards established under law for occupational instruction by private postsecondary educational institutions. Course approval must be renewed annually and is subject to continuing review. Approved courses are:

MASTER MAJOR APPLIANCE TECHNICIAN (Days Only)	390 clock hours
MASTER REFRIGERATION & AIR CONDITIONING TECHNICIAN (Days Only)	390 clock hours
MAJOR APPLIANCE TECHNICIAN (Nights Only)	234 clock hours
REFRIGERATION & AIR CONDITIONING TECHNICIAN (Nights Only)	234 clock hours
MICROWAVE OVEN TECHNICIAN	126 clock hours

Instruction is in residence with class size limited to 25 students. A diploma is awarded for successful completion of courses offered by the institution.

The school does not have currently available sponsored programs, government or otherwise, to provide grants or to pay for portions of tuition fees.

Prospective enrollees are encouraged to visit the school facilities and to discuss personal, educational, and occupational plans with school personnel prior to enrolling or signing enrollment agreement.

1

Persons seeking to resolve problems or complaints should first contact the instructor in charge. Requests for further action may be made to Donald P. Brown, Administrator.

Unresolved complaints may be directed to the Office of Private Postsecondary Education, California Department of Education, 601 West 5th Street, #910, Los Angeles, CA 90017 (916) 445-3427.

All information in the content of this school catalog is current and correct and is so certified as true by

Donald P. Brown, Administrator
Donald P. Brown

2

ADMINISTRATION

Brownson Technical School is a sole proprietorship of Donald P. Brown. School staff members are:

Donald P. Brown, Administrator Instructor
William D. Brown Instructor

SCHEDULE AND CALENDAR

Students are admitted to classes on the first Monday of each month. Classes are conducted three evenings per week from 7PM to 10PM. The school office is open Monday through Friday from 9AM. The following holidays are observed:

New Year's Day	Labor Day
Memorial Day	Thanksgiving Day
Independence Day	Christmas Day

Note: There are no provisions for late enrollment.

ENTRANCE REQUIREMENTS

Applicants for admissions must have a high school education or the equivalent or be beyond the age of 16 and be able to benefit from the training offered. Testing and counseling are provided to each applicant to determine acceptability and the course of study.

CREDIT

Credit for prior training or experience will be granted upon verification and acceptance by school officials.

3

IN ORDER: Front cover, Page 1, Page 2, Page 3.

PLACEMENT

Upon graduation, the school will provide assistance in securing suitable entry level employment. However, there is no guarantee of employment.

ATTENDANCE

Students are expected to attend classes the same as they would be expected to be present for work. All absences and tardiness will be recorded in the student's educational file. Students failing to maintain a 90% attendance record may be placed on probation. Continued failure may result in suspension or termination. Time lost due to absence for any reason must be made up.

PROGRESS SYSTEM

A = Excellent	90 - 100
B = Good	80 - 89
C = Average	70 - 79
D = Below Average	60 - 69
Unsatisfactory	69 - or below

GRADUATION REQUIREMENTS

Students maintaining a C average or above will graduate and receive a diploma upon completion of the course.

CONDUCT AND DISMISSAL

Students may be dismissed from school or put on a probationary period for attendance, an intoxicated or drugged state of behavior, possession of drugs or alcohol, possession of weapons upon school premises, behavior creating a safety hazard to other persons at school, disobedient or disrespectful behavior to another student, an administrator, or faculty member, or any other determined infraction of conduct.

4

STUDENT RECORDS

Enrollees are advised and cautioned that state law requires this educational institution to maintain school and student records for only a five-year period.

COURSES OF INSTRUCTION

Major Appliance Technician nights only

Graduate students will develop the ability to install, service, and repair major appliances such as washing machines, dryers, and dishwashers to meet the manufacturers' specifications.

Introduction - Washers	9 hours
Mechanical Systems	36 hours
Electrical	72 hours
Introduction - Dryers	18 hours
System Diagnosis	18 hours
Introduction - Dishwashers	18 hours
System Diagnosis	36 hours
Installation Techniques	27 hours
Total course length	234 hours

Schedule: 3 hours nightly for 9 hours each week for 26 weeks.

Microwave Oven Technician

Graduate students will develop the ability to install, service, and repair microwave ovens. It is anticipated that the training will prepare the students for employment in the microwave oven field.

Microwave Oven History	
Basic Electronics, D.C., A.C.	31.5 hours
Microwave Oven Structure	
Microwave Electronics and Symbols	31.5 hours
Microwave Oven Diagnosis & Service	31.5 hours

5

Microwave Oven Installation and Radiation Testing	31.5 hours
Total course length	126 hours

Schedule: 3 hours nightly for 9 hours each week for 14 weeks.

Refrigeration & Air Conditioning Technician

Graduate students will develop the ability to install, service, and repair refrigeration and air conditioning equipment to meet the manufacturers' specifications.

Fundamentals of Refrigeration	18 hours
Basic Refrigeration Systems	9 hours
Compression Systems	18 hours
Refrigerant Controls	18 hours
Electrical Circuits	54 hours
Refrigerants	12 hours
System Diagnosis	105 hours
Total course length	234 hours

Schedule: 3 hours nightly for 9 hours each week for 26 weeks.

6

Master Major Appliance Technician (Days Only)	
Introduction - Washers	9 hours
Mechanical Systems	45 hours
Electrical	90 hours
Introduction - Dryers	30 hours
Systems Diagnosis	30 hours
Introduction - Dishwashers	15 hours
System Diagnosis	30 hours
Installation Techniques	15 hours
Microwave Oven History	9 hours
Basic Electronics, A.C. & D.C.	30 hours
Microwave Oven Structure	9 hours
Microwave Electronics & Symbols	30 hours
Microwave Oven Installation	9 hours
Radiation Testing	9 hours
Total	390 hours

Schedule: 3 days per week, M - F, 6 hours per day, Sun. - open for 13 wks.

7

IN ORDER: Page 4, Page 5, Page 6, Page 7.

PROCEED TO THE NEXT PAGE TO CONTINUE READING. >>>

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Old Vintage *Brownson Catalog* was Found! (continued)

Master Refrigeration & Air Conditioning Technician
(Days Only)

Fundamentals of Refrigeration	30 hours
Basic Refrigeration Systems	15 hours
Compression Systems	30 hours
Refrigerant Controls	30 hours
Electrical Circuits	90 hours
Refrigerants	30 hours
Systems Diagnosis	120 hours
Ice Makers	45 hours
Total	390 hours

Schedule: 5 days per week, M - F, 6 hours per day, 9am - 4 pm. for 13 wks.
Total combination course 26 weeks.

TUITION

The tuition cost varies for each course depending upon its length.

See: Tuition and Course Schedule

Student Loans are available, ask for details

Brownson Technical School maintains contact with industry representatives, manufacturers, and service organizations to keep abreast of new methods, technology, and equipment in the related fields.

The school maintains subscriptions for industry related magazines, service manuals, parts bulletins, data sheets, audio/visual aids, and the latest products and service technology. Instructors regularly attend manufacturers' training sessions.

Students will spend 25% of their time in the classroom attending lectures, video, and technical instructions. Seventy-five percent of the student's time is spent in the laboratory working with training aids and the actual equipment.

FACILITIES

Brownson Technical School is located in a modern shopping center with an abundance of free parking. The building is equipped with a modern air conditioned classroom and lab stocked with the latest equipment and training materials. Next to the lab is a parts department stocked with the latest parts and supplies. Office and restroom facilities are conveniently located. The classroom, including lab, has a seating capacity of 25 students. Classes are limited in size to assure personal instruction.

This institution, the facilities it occupies, and the equipment it utilizes fully comply with any and all Federal, state, and local ordinances and regulations, including those requirements as to fire safety, building safety, and health.

State of California

11.2 Student Tuition Recovery Fund

California law requires that, upon enrollment, a fee be assessed in relation to the cost of tuition (Education Code Section 94343). These fees support the Student Tuition Recovery Fund (STRF), a special fund established by the California Legislature to reimburse students who might otherwise experience a financial loss as a result of untimely school closure. Institutional participation is mandatory.

It is important that enrollees keep a copy of any enrollment agreement, contract, or application to document enrollment; tuition receipts or cancelled checks to document the total amount of tuition paid; and records which will show the percentage of the course which has been completed. Such records would substantiate a claim for reimbursement from the STRF, which, to be considered, must be filed within 60 days following school closure. For further information or instructions, contact:

Office of Private Postsecondary Education
California State Department of Education
721 Capitol Mall
Sacramento, CA 95814
(916) 445-3427

1.10 Refund Policy Concerning Unused Portion of Tuition Fees and Other Charges

In compliance with Education Code Sections 94310(d) (4) (formerly 29023(d) and 94312 (formerly 29025)), each resident private school or institution shall implement and maintain a policy in reference to the refund of the unused portion of tuition and

charges where the student fails to enter the course or withdraws therefrom at any time prior to the completion of the course. The minimum requirements of a school's policy shall be as follows:

- (1) Upon written application for cancellation of an enrollment agreement delivered to the school either in person or by certified mail within 3 working days after such an agreement is signed, the student shall be refunded all monies paid by the student to the school. Upon written application for cancellation of enrollment agreement delivered to the school either in person or by certified mail more than 3 working days after such an agreement is signed and up until the date upon which the school is scheduled to start the classes in which the student has enrolled, the student shall be refunded all monies paid to the school except an amount not to exceed 15% of the course price or \$100.00, whichever is the lesser amount, which may be retained by the school as a registration fee. In the event that a student has paid less than \$100.00 or 15% of the course price to the school, the school shall not be entitled to collect from such a student any additional money.

- (2) The minimum refund allowable by a school shall be based upon the following formula for a refund:

"Percent of Attendance Time" of Total Time of Course	Amount of Refund
Up to the first week of scheduled instruction	90%
Up to 25%	75%
Up to 50%	50%

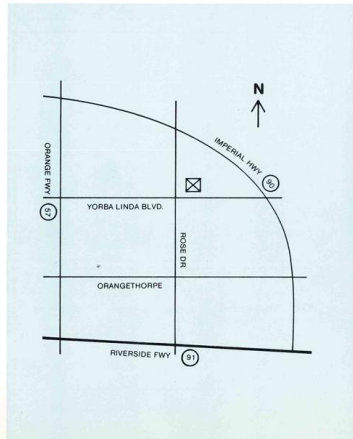
IN ORDER: Page 8, Page 9, Page 10, Page 11.

Over 50% No Refund

"Attendance Time" is deemed as the time elapsed between the starting date of the first class and the date on which the student formally terminates his enrollment. The amount of refund under this paragraph does not include the registration fee allowed by this section.

- (3) Fees which shall be refunded. The following fees shall be refunded:

- (A) A fee collected in error shall be paid in full.
- (B) Any fee paid by a student who is unable to continue a course because of compulsory military service or because of his death or disability. Such a refund shall be made in accordance with (2) above.
- (C) Any charges collected from a student which the school holds for the purpose of paying to any other public or private person, firm, organization or agency, such as for a bond, license application or examination fees, or any similar fees or charges shall, where the student fails to enter the course or withdraws therefrom.



IN ORDER: Page 12, Back Cover.

CATALOG ENDS HERE. PROCEED TO THE NEXT PAGE TO CONTINUE READING *BROWNSON BULLETIN*. >>>

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? BULLETIN TRIVIA ?

BROWNSON BULLETIN TRIVIA April 2025

President George Washington was inaugurated on which day in April 1789?
a. April 19, 1789
b. April 30, 1789
c. April 25, 1789
d. April 2, 1789

What year had the first celebration of Earth Day or "International Mother Earth Day?"
a. 1789
b. 1930
c. 1970
d. 2013

ANSWERS

- 1) **B**
- 2) **C**

Description:

According to *Made with Happy*, George Washington was inaugurated on April 30, 1789. In addition, Earth Day, or sometimes called, "International Mother Earth Day" was first celebrated in 1970. Source: madewithhappy.com

STUDENT SECTION

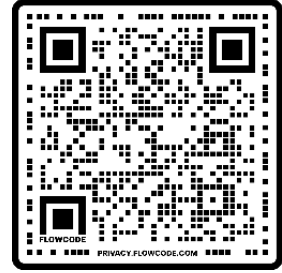
Brownson Technical School takes pride in showing appreciation to current students and graduates. See you in the Student Section!



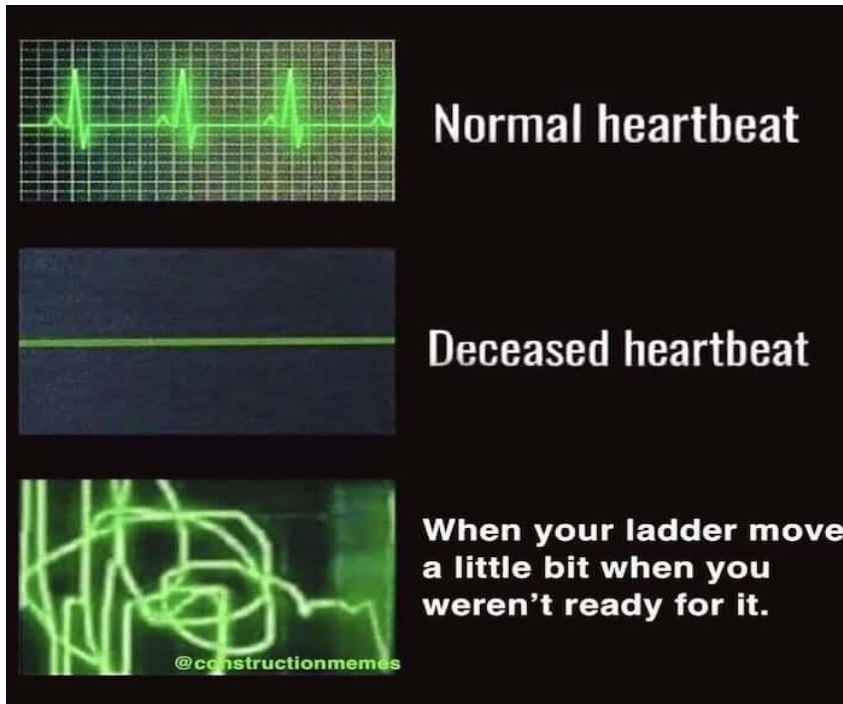
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STUDENT SECTION ON VIDEO

Scan this QR code to stay updated with our Student Section on Video series on our YouTube channel. >>>



HVAC-R MEME OF THE MONTH



Description:

BTS's OSHA-10 Class, which is required for Module 8, should prepare you to ensure incidents like this don't occur. Stay safe on those ladders out there!

Source:

www.getjobber.com

IMPORTANT DATES TO KNOW

Mark your calendars for everything happening this month!

Graduation(s)

- **Wednesday, April 23** (Traditional Days and Blended)

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Holidays (April and May)

- **Memorial Day** (May 26, 2025)

Yaskawa VFD Training*

Here are the 2025 Yaskawa VFD Training dates:

- **Friday, April 18, 2025**
- Friday, May 23, 2025
- Friday, June 27, 2025
- Friday, August 1, 2025
- Friday, September 5, 2025
- Friday, October 10, 2025
- Friday, November 14, 2025
- Friday, December 19, 2025

*If you have any questions about Yaskawa Training, please contact Joe Keleman at joe@brownson.edu.

? WHAT IS YASKAWA VFD TRAINING? ?

In partnership with Yaskawa, Brownson Technical School is offering an exclusive online training program for certification as a Yaskawa HV600 VFD Start-Up Specialist. This comprehensive course covers installing, configuring, and troubleshooting Yaskawa variable frequency drives (VFDs)-- essential tools for HVAC motor control in modern industrial systems. Benefits of certification include industry recognition, enhanced employability, hands-on skills, and networking. The cost is \$220 (Payable by check, cash, or credit card). Register by visiting www.brownson.edu and going under "Events". If you need help

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registering or have questions, contact Joe Keleman at joe@brownson.edu. Invest in your future-- become a Yaskawa VFD-certified start-up technician today!

 **THIS IS BROWNSON TECHNICAL SCHOOL!** 

Our Mission Statement

SOURCE: “BTS CATALOG” (www.brownson.edu)

“Brownson Technical School’s mission is to make a positive change in someone’s life through vocational training. At the heart of our mission is the desire to address the divergent needs and aspirations of the variety of adult learners who come to us from a wide range of educational, occupational, and experiential backgrounds, all of whom have chosen to acquire new technical skills to change or advance their individual careers and lifestyles.”

Program Description*

HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY TRAINING IN 1040 HOURS!

Students who complete our program can diagnose, service, install, and repair HVAC-R equipment and understand the reason for building to gain or lose heat, as well as helping mitigate the impact on energy usage. Our training also includes training on systems using direct digital controls (or “DDC”). The overall scope of this training is to prepare graduates to learn how to get the most out of the equipment’s performance, which is different than how this type of training is typically done. Our HVAC-R program sees the building as a “system” and the equipment as a “sub-system.” Moreover, as California moves towards “net-zero” energy usage for new residential and commercial buildings, we must also bring existing buildings to the new energy standards.

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These newer State standards affect many types of buildings, and our training will prepare you for these types of changes.

MAKE AN APPOINTMENT TODAY!

(714) 774-9443

WWW.BROWNSON.EDU

**Our program meets the educational requirements to proceed with the Local 250 Union Apprentices Program.*

Why Brownson Technical School?

When considering an HVAC-R training facility, one must do the proper research. Several schools offer HVAC-R training, including community colleges or schools that teach multiple trades.

Brownson is different! Here's why:

- Lower-cost tuition than many schools in the area.
- We only teach HVAC-R!
- Our graduates can become NATE CORE Certified, HVAC Excellence Certified, and receive additional certifications.
- Our training can take as little as ten months*!
- Part of our training can be done online**!
- We have a lab area of 12,000+ square feet filled with some of the most up-to-date equipment we can obtain!

**Applies to our 10-Month Day Class Program*

***Applies to our 10-Month Blended Program*

REGULAR INFORMATION

Love *Brownson Bulletin*?

Thank you for your interest in *Brownson Bulletin*! We hope that this edition was a good read for you! If you love *Brownson Bulletin*, check out our Facebook and Instagram accounts to read every edition of the *Bulletin*! We post them all on our accounts!

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Questions or Requests?

We would love to hear feedback from you all about this *Brownson Bulletin* edition! If you have ideas for the next edition, we would love to hear them! You can let us know by emailing our main writer, Nick Brown, at nick@brownson.edu, or send us a DM on Instagram or Facebook. Your feedback is always appreciated to improve future editions of the *Brownson Bulletin*!

THANK YOU FOR READING!

Thank you so much for reading this edition of *The Brownson Bulletin*. We hope that this month is enjoyable for you and very helpful in your HVAC-R journey! Have an outstanding month of **April** and the rest of 2025!

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 **BULLETIN CREDITS** 

The *Brownson Bulletin* is always a team effort! Thanks to all who have contributed to making the *Brownson Bulletin* possible!

Primary Writer:

- Nick Brown (nick@brownson.edu)

Primary Editors:

- Bill Brown (bill@brownson.edu)
- Heather Brown (heather@brownson.edu)

Special Thanks to:

- Joe Keleman (joe@brownson.edu) for Yaskawa Information
- Paula Lock (registrar@brownson.edu) for Graduation Dates

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