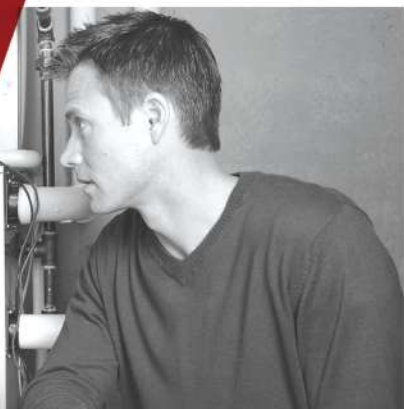


# HANDS ON TRAINING ENHANCES YOUR LEARNING EXPERIENCE



## WHY DEHART TECHNICAL SCHOOL

- ✓ Graduate in as little as 6 or 12 months
- ✓ Financial Aid is available for those who qualify
- ✓ Career Development Assistance  
Resume | Interviews | Soft Skills Training  
Job Placement Assistance
- ✓ Approved U.S. EPA Technician  
Certification Provider
- ✓ NATE Certified Instructors
- ✓ Most Graduates are US/EPA Section 608  
and NATE Certified
- ✓ Accredited by the Accrediting Council  
for Continuing Education Training
- ✓ Hybrid Course Structure  
50/50 Hands-on Labs & Online Lectures
- ✓ Classes Available  
Morning | Afternoon | Evening
- ✓ Student for Life  
Return anytime to refresh your skills

## STUDENT REVIEWS

### I am now employed

"Very exciting day for me, being able to tell family and friends I am now employed. I haven't been able to say that in a long time! Once again, I want to say thank you to everyone at DeHart for teaching me new skills and strengthening the skills I came with. You can bet I will take advantage of your offer to come back and 'brush up' to keep up with the skills needed to stay ahead of the game." -Mike O., A very proud DeHart graduate!

### The best program in the valley

"I recently completed the Building/Facility Maintenance course at DeHart Technical School. I want to thank everyone at DeHart for the great training I received. You have, in my opinion the best program in the valley! I am happy to inform you that I've been hired by a local hospital as a Maintenance Technician with great benefits and a competitive income. I wish the best for the school and I hope more people will take advantage of this great program." -Eduardo Z.

### Everything I was taught is coming back to me in my job

"Thank you DeHart Tech for your time teaching all of us, especially me. Everything I was taught is coming back to me in my job as a Service Technician for a HVAC company in Stockton; its right on everything we've learned. I really appreciate everything, and I hope the best for the school as you teach others for this career. God bless!" -Nathan P.

### Good news! I landed the job today

"Good news! I landed the job today at Bay Area Energy. The company is offering a good salary plus benefits. Thanks for all of your support and effort!" -Travis R.

### DeHart was a big help in securing my new job

"My training at DeHart helped me by showing my new employer that I'm able to learn a new field after being at my previous job for 12 years. Also, my certifications (NATE, EPA & Course Completion) and references from my instructor and the school director were a big help in securing my present position. Thank you to everyone at DeHart Technical School!" -Jaime M.

### DeHart Technical School provided me with the skills I needed

"With great instruction and plenty of hands on experience, DeHart Technical School provided me with the skills needed to become a NATE certified technician and start my career at the top of the ever growing HVAC/R field." -Grant E.

## OUR PARTNERS



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## OVERVIEW OF COURSE CURRICULUM

### HVAC/R Facilities Maintenance Course 3 Hybrid

928 Hours (48 weeks)

Payment Period 1: 1-464 scheduled hours. | Payment Period 2: 465-928 scheduled hours.

Review of Satisfactory Academic Performance will occur at the completion of 464 scheduled hours.

- |   |  |
|---|--|
| <b>101 Electrical and Solar Applications</b><br>Safety   Tools   Basic Electricity   Photovoltaics  | <b>201 HVAC Installs</b><br>HVAC Ductwork   Mechanical Installation Procedures   Electrical and Wiring Installation  |
| <b>102 Refrigeration Practices, Brazing, EPA</b><br>Basic Refrigeration   Refrigerant Management   EPA 608  | <b>202 NATE REVIEW</b><br>Review of Core (part 1 & 2) and Testing   Review of Air Conditioning Specialty (part 1 & 2) and Testing  |
| <b>103 Wiring Diagrams and Troubleshooting</b><br>Electrical Review and Controls   Motors-Troubleshooting and Wiring Diagrams   Pictorial and Schematic Wiring Diagrams | <b>203 Low/Medium Temperature Systems</b><br>Review of Basic Refrigeration   Main Components of Commercial Systems<br>Special Refrigeration System Components Application and Evaluation of Refrigeration Systems  |
| <b>104 Gas &amp; Electric Heating</b><br>Electric Heat   Gas Heat   Hydronics   | <b>204 Advanced Refrigeration and Ice Machines</b><br>Advanced Refrigeration and Chillers   Basic Ice Machine Components<br>Ice Machine Sequence of Operation and Ice Production<br>Ice Machine Cleaning, Sanitizing and Troubleshooting                                       |
| <b>105 Residential &amp; Light Commercial Electrical</b><br>Orientation to the Electrical Trade   | <b>205 Advanced Climate Control Systems</b><br>Soft Skills & Residential Energy Audits   Troubleshooting<br>& Geothermal Heat Pumps   Heat Pump Controls Refrigeration as Applied to Heat Pumps & Typical Operation Conditions   Wiring and Defrost Systems System Performance |
| <b>106 Residential &amp; Light Commercial Plumbing</b><br>Building Plumbing   Copper Piping   Plumbing Fixtures   Plastic & Cast Iron Plumbing                          | <b>206 Air Quality, Air Distribution &amp; Balance</b><br>Construction Math   Heat Transfer and Psychometrics   Air Quality<br>Air Comfort   Distribution and Balance  |

DeHart Technical School does not offer ESL instruction at this time.

## JOB OUTLOOK

Employment of heating, air conditioning, and refrigeration mechanics and installers is projected to grow 15 percent from 2018 to 2028, much faster than the average for all occupations.

Commercial and residential building construction will drive employment growth. The growing number of sophisticated climate-control systems is also expected to increase demand for qualified HVAC/R technicians.

Repair and replacement of HVAC/R systems is a large part of what technicians do. Climate-control systems generally need replacement after 10 to 15 years. The growing emphasis on energy efficiency and pollution reduction is likely to increase the demand for HVAC/R technicians as climate-control systems are retrofitted, upgraded, or replaced entirely. In addition, regulations prohibiting the discharge and production of older types of refrigerant pollutants will result in the need to modify or replace many existing air conditioning systems.

### SUGGESTED CITATION

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2019-20 Edition, Heating, Air Conditioning, and Refrigeration Mechanics and Installers, on the Internet at:  
<https://www.bls.gov/ooh/installation-maintenance-and-repair/heating-air-conditioning-and-refrigeration-mechanics-and-installers.htm>  
(visited February 21, 2021).

# THE TRAINING YOU NEED TO SUCCEED

FACILITIES MAINTENANCE | ELECTRICAL | PLUMBING | SOLAR  
HVAC | REFRIGERATION



deharttech.edu

BUILDING CAREERS IN MECHANICAL SERVICE