

HVACR TECHNOLOGY

CONTACT:

The heating, ventilating, air conditioning and refrigeration (HVACR) industry continues to technologically advance, especially in the areas of computerization and sophisticated control systems. Thus, there is an upward trend in the changing skill sets required for successful service technicians. If you're passionate about progressive technology and are interested in a satisfying high-demand career based on skill, then the San Jacinto College air conditioning technology program is right for you.

Dr. Durrell Dickens, Dept. Chair
Office Location –
5801 Uvalde Rd.
Office N33.203s
Houston, TX 770049
281-998-6150, x7346
durrell.dickens@sjcd.edu

Benjamin Ficklin, Faculty
Office Location –
5800 Uvalde Rd.
Houston, TX 77
281-998-6150, x7264
benjamin.ficklin@sjcd.edu

WEBSITE:

<https://publications.sanjac.edu/>

FAST FACTS ABOUT THE PROGRAM

TYPE: TECHNICAL

CAMPUS:

NORTH – COMMERCIAL/INDUSTRIAL

SOUTH - RESIDENTIAL

Degree/Certificate:

- Occupational Certificate – Total 16 credit hours; full-time students can complete in 1 semester.
- Certificate of Technology – Total 16 credit hours; full-time students can complete in 2 semesters
- Level 2 Certificate – Total 45 credit hours; full-time students can complete in 4 terms.
- Associate of Applied Science – Total 60 credit hours; full-time students can complete in 5 terms.

Entry Points:

- Fall, Spring

Exit Points:

- Upon completion of any individual certificate

Earning Potential:

- HVAC mechanic and installer median salary: \$45,457¹ per year
- Occupational: HVAC/Refrigeration helper \$13.00 - \$22.00/ hour
- Certificate of Technology: HVAC/Refrigeration helper \$13.00 - \$22.00/ hour
- Level 2: Work with upper technician \$22.00-\$25.00/hour
- Associates: Begin as technician and move to upper management with experience \$27.00/hour and up
- **With the Level 2 and/or AAS, graduate receives 2 years credit toward a 5-year apprenticeship program**
-

Career Opportunities:

- Commercial A/C & Refrigeration – New construction, managing building HVAC systems, ship channel
- Industrial A/C & Refrigeration – Managing and installing HVAC & refrigeration systems in plants and refineries

Employment Requirements:

- Criminal background check
- Drug screening
- Transportation Worker Identification Credential (TWIC)
-

Cost of Attendance:

- Tuition (In-district) - \$78.00 per credit hour
- Tuition (Out of district) - \$135.00 per hour

Scholarship Opportunities:

Scholarship opportunities through the North Shore Rotary Club

College Services:

At San Jacinto College we share a sense of community and care for those we serve. Therefore we work to provide each student with the needed services to help ensure their college success. Below is a partial list of services provided at the north campus:

Tutoring Veteran Services Accessibility Services
Career Services Child Care Food Pantry

¹ Texaswages.com (<http://texaswages.com>), Gulf Coast region, 2016

HVACR TECHNOLOGY

Suggested First Semester Courses

HART 1401 Basic Electricity for HVAC
HART 1407 Refrigeration Principles
HART 1445 Gas & Electrical Heating
HART 2441 Commercial Air Conditioning

Personal Protective Equipment (PPE)

1. Safety glasses
2. Long pants
3. Closed toed shoes