

# AIR CONDITIONING TECHNOLOGY, CERTIFICATE OF TECHNOLOGY



## Program Information

The Heating, Ventilating, Air Conditioning, and Refrigeration (HVACR) industry is rapidly evolving with technological advancements, particularly in computerization and sophisticated control systems. These changes are driving a high demand for highly skilled service technicians, a demand that you, as a prospective student, can fulfill. If you're passionate about cutting-edge technology and seeking a rewarding, high-demand career, the San Jacinto College Air Conditioning Technology program is an excellent choice.

San Jacinto College Air Conditioning Technology (HVACR) Program Highlights:

- **Comprehensive Skill Development:** This program equips students with the skills to pursue careers as state-licensed independent business owners/contractors or as technicians specializing in residential, commercial, and industrial HVACR systems.
- **Career-Focused Curriculum:** The program is designed to equip you with the skills and knowledge needed for a successful career in the HVACR industry. It begins with foundational training for entry-level positions, emphasizing installation, troubleshooting, and servicing of air conditioning, refrigeration, and heating systems. As you progress, you will explore advanced topics, including indoor air quality, load calculations, system design, and adherence to industry code standards, ensuring you are well-prepared for the challenges of the industry.

Whether you aspire to start your own business or build a career in the HVACR industry, this program prepares you for success in this ever-evolving field.

## Additional Information

The Fast Track to HVACR program allows students to complete an Occupational Certificate in just 16 weeks – one semester.

Upon completion of each certificate, students may become registered with the state by registering with the Texas Department of Licensing and Regulation (TDLR).

## Career Opportunities

Graduates of the Air Conditioning Technology program will enter a high demand field with excellent wage-earning potential. Presently, industry advisors say the demand for technicians has a 10-year backlog, and a 21 percent growth rate, faster than the average for all occupations.

Graduates of the San Jacinto College Air Conditioning Technology program have the opportunity to work as:

- Residential/commercial technicians,
- Industrial or maintenance technicians,
- Independent business owners or contractors, and
- Refrigeration technicians.

## Earning Potential

Heating, Air Conditioning, and Refrigeration Mechanic and Installer: \$58,069<sup>1</sup>

<sup>1</sup> Source: [texaswages.com](http://texaswages.com) (<http://texaswages.com>), median salary Gulf Coast region, 2023

For more information, students may contact North campus at 281-998-6150, x7264 or South campus at 281-998-6350, x3587.

## Campuses

North Campus  
South Campus