

**START HERE.
GO ANYWHERE.**



SOUTHERN CAREERS INSTITUTE
HVAC



Call Now 1.833.SCI.TEXAS or Scan the QR Code to Learn More



LEARN it.

Our HVAC students will have the opportunity to train to:

- Install, maintain, and repair essential temperature control equipment found in homes and businesses
- Troubleshoot equipment addressing issues prevalent in the HVAC arena
- Effectively describe the construction process as it applies to residential buildings
- Understand important aspects of green technology and the future of the HVAC field
- Communicate written, verbal, and visual information as it relates to the HVAC trade

Graduates may be eligible to become registered HVAC technician through the Texas Department of Licensing and Regulation (TDLR), and may find entry-level employment in:

- HVAC Helper
- Air Duct Cleaning Technician
- HVAC Installation Crew Helper
- HVAC Equipment & Services Sales
- HVAC Maintenance & Repair Technicians
- HVAC Service Technician
- HVAC Mechanics & Installers
- Home Appliance Repairers
- Installation, Maintenance, & Repair Technicians
- HVAC Supervisor
- HVAC Manager
- HVAC Lead

Length of Program*

36
WEEKS

DAY
CLASSES

*With successful full-time enrollment.

Earn the following **13 Skill Badges** conveying proficiency in your field:



Trade
Safety



Construction
Basics



Introduction
to HVAC



Heating and
Cooling



Venting &
Ducting



HVAC
Electrical



Diagnostics &
Maintenance



Hydronics



Troubleshoot Common
HVAC Systems



Refrigeration



Green
Technology



Read Construction
Drawings



Professionalism



- TRD100 Trade Safety and Construction Basics**
Covers topics such as basic safety, communication skills, and introduction to construction drawings.
- Introduction to HVAC**
- HVC102** Basic principles of heating, ventilation, & air conditioning. Students will discuss HVAC safety, licensure, & EPA guidelines as well as trade-related math & basic electricity.
- Heating & Cooling**
- HVC103** Fundamentals of heating & cooling air. Students will discuss air movement, air measurement, & basic system design.
- Venting & Ducting**
- HVC104** Students will be introduced to materials that move air, fumes, & water (vapor) to & from HVAC systems.
- HVAC Electrical**
- HVC105** Introduce students to transformers, single-phase & three-phase power distribution, capacitors, induction motors, & compressors.
- Diagnostics and Maintenance**
- HVC106** Students will be introduced to metering & monitoring equipment used to evaluate HVAC systems.
- Hydronics**
- HVC107** This course will cover residential & commercial hydronic systems. Topics such as safe operation, properties of water, & pressure will be covered.
- Troubleshooting**
- HVC108** This course will provide guidance related to troubleshooting heating & cooling systems.
- Commercial and Industrial Systems**
- HVC109** This course will cover commercial application & use of heating/cooling systems & equipment.
- Quality and Conservation**
- HVC110** This course will cover principles, processes, & devices used to maintain air cleanliness & energy conservation.
- System Design and Construction**
- HVC111** This course will cover procedures for startup & shutdown of HVAC systems.
- Crew Leadership and Placement**
- HVC112** This course covers basic leadership skills & explains different leadership styles, communication, delegating, & problem solving.

Included National Certifications*



NCCER
Core



NCCER
Levels 1-4



EPA-608



IAQ



R-410A



PM Tech



OSHA-10

*Exam fee included in tuition and will be paid if taken within three months of program completion.

Available National Certifications

SPEAK WITH AN ADMISSION ADVISOR TODAY! 1.833.SCI.TEXAS or visit SCItexas.edu

Austin Main Campus
1701 W. Ben White Blvd., Ste. 100
Austin, TX 78704

Brownsville Branch Campus
935 North Expressway
Brownsville, TX 78520

Corpus Christi Branch Campus
2422 Airline Rd.
Corpus Christi, TX 78414

Harlingen Branch Campus
1122 Morgan Blvd.
Harlingen, TX 78550

Pharr Branch Campus
1500 North Jackson Rd.
Pharr, TX 78577

San Antonio-North Branch Campus
6963 NW Loop 410
San Antonio, TX 78238

San Antonio-South Branch Campus
238 Southwest Military Dr. Ste. 101
San Antonio, TX 78221

Waco Branch Campus
3700 S IH 35, Ste. A
Waco, TX 76706

*Past students' outcomes, starting salaries, and job prospects are not indicative of those for current and future students.
SCI does not guarantee employment or a starting salary upon graduation, completion, or withdrawal from SCI *Not all campuses offer all programs