

# HVAC TECHNOLOGY

## PROGRAM DETAILS

While completing TSTC’s HVAC program, you’ll have access to our industry-standard labs on high-efficiency heating and air conditioning equipment, heat pumps, refrigeration, and even a 200-ton chilled water system. You can choose from an associate of applied science degree, or opt for a quicker route into the workforce with a certificate. Whichever you choose, there will always be a demand for HVAC technicians across the state.

Because this program may prepare you for an occupational license, read additional information about HB1508 Occupational License Eligibility.



### HVAC Dual Enrollment Pathway

Course	Course Name	Credit Hours
HART 1301	Basic Electricity for HVAC	3
HART 1307	Refrigeration Principles	3
HART 1310	HVAC Shop Practices and Tools	3
HART 1345	Gas and Electric Heating	3

## Architecture and Construction Program of Study

The HVAC and Sheet Metal program of study explores the occupations and educational opportunities associated with installing, serving, or repairing heating and air conditioning systems and also the fabrication, assembly, installation, and repair of sheet metal products and equipment, such as ducts, control boxes, drainpipes, and furnace casings. This program of study may also include exploration into preparing cost estimates for certain construction projects involving heating and air conditioning and sheet metal.

TSTC AWARDS	Median Wage
Certificate I	\$16-\$21/Hour
Certificate I	\$16-\$27/Hour
Certificate II	\$18-30/Hour
Associate Degree	\$20-\$20/Hour



Getting temperatures just right in a building is something that everyone can identify with. Understanding how to do that is a specialized skill. With training, you can learn how to service both commercial and residential HVAC systems.

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## HVAC Pathway Course Information (PEIMS)

### Level 2

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>HART 1301 Basic Electricity for HVAC/</b> Heating, Ventilation, Air Conditioning (HVAC) and Refrigeration Technology I	13005800 (1 credit)	None	None

### Level 3

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>HART 1307 Refrigeration Principles/</b> Heating, Ventilation, Air Conditioning (HVAC) and Refrigeration Technology II	13005900 (2 credit)	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I	None

### Level 4

COURSE NAME	SERVICE ID	PREREQUISITES	COREQUISITES
<b>HART 1310 HVAC Shop Practices and Tools/</b> Practicum in Construction Technology	13005250 (2 credit)	Heating, Ventilation Air Conditioning (HVAC) and Refrigerations Technology I	None
<b>HART 1345 Gas and Electric Heating/</b> Practicum in Construction Technology	13005255 (3 credit)	Heating, Ventilation Air Conditioning (HVAC) and Refrigerations Technology I	None