

**Heating, Ventilation, Air Conditioning and Refrigeration
Certificate of Proficiency - Level One**

Texas Southmost College
Division of Science, Technology, Engineering & Mathematics/
Career & Technical Education

The mission of the Heating, Ventilation and Air Conditioning Technology program is to prepare students for successful entry in the air conditioning, heating and refrigeration industry. Students develop skills, knowledge and successful workplace attitudes in installation, service/repair and maintenance of typical equipment and systems. The HART Technology program provides students with classroom and laboratory experiences using the most current technology to perform assigned work and projects.

FIRST YEAR – FALL SEMESTER	CREDIT HOURS
HART 1300 HVAC Duct Fabrication	3
HART 1301 Basic Electricity for HVAC	3
HART 1307 Refrigeration Principles	3
HART 1310 HVAC Shop Practices and Tools	3

FIRST YEAR – SPRING SEMESTER	
HART 1341 Residential Air Conditioning	3
HART 1303 Air Conditioning Control Principles	3
MAIR 1349 Refrigerators, Freezers, Window Air Conditioners	3
HART 1356 EPA Recovery Certification Preparation	3

TOTAL CREDIT HOURS FOR GRADUATION - 24

A minimum grade of “C” must be obtained in each (HART, MAIR) course required in the degree plan.