

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

Texas Southmost College
Division of Science, Technology, Engineering & Mathematics

The mission of the Heating, Ventilation, Air Conditioning and Refrigeration Technology certificate 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 2342 ⁺ Commerical Refrigeration	3

TOTAL CREDIT HOURS FOR GRADUATION - 24

⁺A grade of “C” or better is required for graduation.