

**HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION
TECHNOLOGY (HVAC-R)
Level Two Certificate Program
Advanced Level**

(Degree Audit Program Code: HVAC-ADV-C)

The HVAC-R Technology Program at Galveston College is designed to provide hands-on training on the same equipment used by business and industry. In addition, this program is designed to provide the students with the necessary skills required to become a state-licensed Technician, and EPA Certification, for employment in the industry as a technician in residential, commercial, and/or industrial air conditioning, refrigeration, and heating. Galveston College HVAC-R is an Accredited Educational and Training Facility for the National Center for Construction Education and Research (NCCER).

FIRST YEAR

First Semester				Second Semester			
HART	1401	Basic Electricity for HVAC	4	HART	1441	Residential Air Conditioning	4
HART	1403	Air Conditioning Control Principles	4	HART	1345	Gas and Electric Heating	3
HART	1307	Refrigeration Principles	3	HART	2401	Air Conditioning & Refrigeration Codes	4
HART	1410	HVAC Shop Practices and Tools	4	HART	2431	Advanced Electricity for HVAC	4
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Third Semester							
HART	2434	Advanced Air Conditioning Controls*	4				
HART	2441	Commercial Air Conditioning	4				
HART	2342	Commercial Refrigeration	3				
ELMT	1411	Solar Fundamentals	4				
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TOTAL SEMESTER CREDIT HOURS IN PROGRAM: 45

Notes:

* Identifies Capstone course