

HEATING, VENTILATION AND AIR CONDITIONING (HVC) 30 CREDIT CAREER CERTIFICATE

This curriculum provides students with the skills required for entry-level positions in the Heating, Ventilation, Air Conditioning, and Refrigeration Industry. Graduates will be trained to assist installers, service technicians and building maintenance craftsmen.

FIRST SEMESTER		CREDIT HOURS
HVA	101	Basic Refrigeration 3
HVA	102	Basic Heating and Air Conditioning 3
HVA	105	Basic HVAC Controls..... 3
HVA	110	Electricity for HVAC/R..... 3
HVA	202	Heat Load Calculation/System Design 3
		Total 15
SECOND SEMESTER		
HVA	103	Intermediate Refrigeration 3
HVA	104	Intermediate Heating and Air Conditioning..... 3
HVA	120	Basic Sheet Metal Fabrication..... 3
HVA	204	Hydronic Comfort Systems..... 3
HVA	206	Refrigerant Handling/EPA Exam Review..... 3
		Total 15
		Overall Total 30

NOTES:

We suggest that all HVAC certificate program students successfully complete the residential heating/air conditioning competency exams offered by the Air Conditioning and Refrigeration Institute. Students seeking employment in the HVAC industry are required to complete a refrigerant handling certification exam administered by an EPA recognized testing organization.

The following courses may be applied toward elective credits and are suggested for all students graduating with a career certificate:

HVA	201	Commercial Refrigeration
HVA	203	Commercial Air Conditioning and Refrigeration
HVA	253	Successful Career & Life Strategies