

 	CAREER ENHANCEMENT CERTIFICATE HEATING, VENTILATION, AIR CONDITIONING, AND REFRIGERATION TECHNOLOGY – HVACR COMMERCIAL TECHNICIAN <i>The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.</i>	2025-26 Catalog Effective Summer 2025
		4520

Business, Engineering and Information Technologies Division

Industrial Technology Department

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
HVC121	HVAC Principles I	3		
HVC122	HVAC Principles II	3	Pre-Co-HVC121	
HVC222	HVAC Design and Application	3	HVC122	
HVC223	HVAC System Operation and Troubleshooting – Heating	3	HVC122	
HVC224	HVAC System Operation and Troubleshooting – Cooling	3	HVC122	
HVC232	Hydronic Applications and Design	3	HVC122	
HVC235	Refrigeration	3	HVC122	
HVC237	HVAC Commercial Controls	3	HVC122	
HVC238	Chiller Operations	3	HVC122	
TOTAL CREDIT HOURS		27		

STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

First Semester

HVC121 HVAC Principles I
HVC122 HVAC Principles II

Credit Hours

3
3
6

Pre- and Co-requisites

Pre-Co-HVC121

Second Semester

HVC222 HVAC Design and Application
HVC224 HVAC System Operation and Troubleshooting – Cooling
HVC235 Refrigeration
HVC238 Chiller Operations

3
3
3
3
12

HVC122
HVC122
HVC122
HVC122

Third Semester

HVC223 HVAC System Operation and Troubleshooting – Heating
HVC232 Hydronic Applications and Design
HVC237 HVAC Commercial Controls

3
3
3
9

HVC122
HVC122
HVC122

TOTAL CREDITS

27

The classes in this certificate also apply toward the completion of a HVACR Technology (4500).