Refrigeration
Certificate

Program Coordinator:

Jim Kroll • OTC/Laurel Hall 201 • (276) 739-2560 • jkroll@vhcc.edu

Program Purpose: This program is designed to provide the student with HVACR skills in the vapor compression refrigeration cycle; commercial and residential refrigeration systems, basic electricity and HVACR electrical controls such as; temperature, pressure, and time operated controls. In addition, completion of the curriculum allows the student to transfer into the Air Conditioning, Refrigeration and Heating degree or diploma program (see page 59 and 60).

First Semester (Fall)		
AIR 111	Air Cond. & Refrigeration Controls I	3
AIR 171	Refrigeration I (Basic)	9
ENG 111 or ENG 115	College Composition I or Technical Writing	3
SDV 101	Orientation to College Success	1
	Total Credits	**16**
Second Semester (Spring)		
AIR 112	Air Cond. & Refrigeration Controls II	3
AIR 159	Heating and Cooling Safety	1
AIR 172	Refrigeration II	9
MTH 111	Basic Technical Mathematics	3
	Total Credits	16

Total minimum credits for Certificate **32**