

Architecture & Construction Cluster

Air-Conditioning, Refrigeration and Heating Technology

Post Secondary Adult Vocation	
Program Number	I470203
Program Length	1350 Hours
Basic Skills	Math 10 Language 9 Reading 9

Purpose: The purpose of this program is to prepare students for employment or advanced training in the heating, air-conditioning (A/C), and refrigeration and ventilation industry. This program prepares students for employment as: A/C, Refrigeration and Heating Helper, A/C, Refrigeration and Heating Mechanic Assistant, A/C, Refrigeration and Heating Mechanic, A/C, Refrigeration and Heating Technician, and Refrigeration Technician.

The student should obtain EPA certification prior to leaving school in order to be employed in any job that requires work with refrigerants.

This program focuses on broad, transferable skills, stresses the understanding of the heating, air-conditioning, refrigeration and ventilation industry, and demonstrates elements of the industry such as planning, management, finance, technical and production skills, the underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.

The following table illustrates the program structure: 1350 Hours

Course Number	Correlating OCP	Course Title	Course Length
ACR0041	A	A/C, Refrigeration and Heating Helper	250 Hours
ACR0043	B	A/C, Refrigeration and Heating Mechanic Assistant	250Hours
ACR0047		A/C, Refrigeration and Heating Mechanic 1	250Hours
ACR0049	C	A/C, Refrigeration and Heating Mechanic 2	250 Hours
ACR0044	D	A/C, Refrigeration and Heating Technician	350 Hours

In accordance with Rule 6A-10.040, FAC, the minimum basic-skills grade levels that are required for adult vocational students to complete this program are: Mathematics 10.0, Language 9.0, and Reading

9.0. These grade-level numbers correspond to grade-equivalent scores obtained on the Test of Adult Basic Education (TABE). If a student does not meet the basic-skills level required for completion of the program, remediation should be provided concurrently through Vocational Preparatory Instruction (VPI).

<u>Secondary</u>	
Program Number:	8723000
Program Length	7 Credits
Basic Skills	Math 10 Language 9 Reading 9

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The student should obtain EPA certification prior to leaving school in order to be employed in any job that requires work with refrigerants.

This program focuses on broad, transferable skills, stresses the understanding of the heating, air-conditioning, refrigeration and ventilation industry, and demonstrates elements of the industry such as planning, management, finance, technical and production skills, the underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.

The following indicates the Secondary program structure (total 7 credits):

Course Number	Correlating OCP	Course Length	Course Title
8713010		1 Credit	Air Conditioning, Refrigeration & Heating Technology 1
8713020	A	1 Credit	Air Conditioning, Refrigeration & Heating Technology 2
8713030		1 Credit	Air Conditioning, Refrigeration & Heating Technology 3
8713040	B	1 Credit	Air Conditioning, Refrigeration & Heating Technology 4
8713050		1 Credit	Air Conditioning, Refrigeration & Heating Technology 5
8713060		1 Credit	Air Conditioning, Refrigeration & Heating Technology 6
8713070	C	1 Credit	Air Conditioning, Refrigeration & Heating Technology 7

In accordance with Rule 6A-10.040, FAC, the minimum basic-skills grade levels that are required for adult vocational students to complete this program are: Mathematics 10.0, Language 9.0, and Reading 9.0. These grade-level numbers correspond to grade-equivalent scores obtained on Test of Adult Basic Skills (TABE).