

Air Conditioning and Refrigeration

The purpose of this program is to provide specialized classroom instruction and practical shop experience to prepare students for employment in a variety of jobs in the field of heating, air conditioning, and refrigeration. The Air Conditioning and Refrigeration program prepares individuals to install, diagnose, repair, and maintain the operating condition of domestic, residential, and commercial heating, air conditioning, and refrigeration systems.

To receive this diploma, the student must:

- Have a cumulative GPA of 2.00 or better in all credit hours that are to be used towards the degree.
- Earn a "C" or better in all coursework.
- Complete the coursework listed below.

PROGRAM OF STUDY

First Semester

		Credit Hours
HACR 1150	Introduction to HVAC	3
HACR 1160	Refrigeration I	3
HACR 1170	Refrigeration II	3
HACR 1180	Refrigeration III	3
Exit Point	TCA: Helper I (Total Hours)	12

Second Semester

		Credit Hours
HACR 1210	Electrical Fundamentals	3
HACR 1220	Electrical Components	3
HACR 1230	Electrical Motors	3
HACR 1240	Applied Electricity	3
Exit Point	CTS: Helper II (Total Hours)	24

Summer Term

		Credit Hours
HACR 1410	Domestic Refrigeration	2
HACR 1420	Room Air Conditioners	2
Exit Point	CTS: Domestic A/C & Refrigeration Technician (Total Hours)	28

Fourth Semester

		Credit Hours
HACR 2510	Central Air Conditioning I	3
HACR 2520	Central Air Conditioning II	3
HACR 2530	Residential HVAC System Design	2
HACR 2540	Residential Heating I	3
HACR 2550	Residential Heating II	3
HACR 2560	Residential Heat Pumps	3
	TD: Residential A/C & Refrigeration Technician (Total Hours)	45

Optional Electives:

CPTR 1000	Introduction to Computers	2
HACR 2991	Special Projects I	1
HACR 2993	Special Projects II	2
HACR 2995	Special Projects III	3

For more information, contact the Division of Technical Education at (225) 359-9201.

Course descriptions can be found in the BRCC College Catalog at www.mybrcc.edu