

Air Conditioning and Refrigeration Technology (ACR)

This program prepares men and women for employment in the field of commercial Air Conditioning and Refrigeration. The graduate is qualified for entry-level positions in installation, repair and maintenance of equipment in use by food markets, food processors, office buildings, apartment buildings, manufacturing plants, schools, etc. In addition, positions are available in design, sales and distribution.

*Certain courses may be required to be taken at DCC; check your specific program for these exceptions.

Students graduating from this program should expect to:

- Demonstrate the ability to apply theoretical and practical knowledge of residential air conditioning systems and light commercial refrigeration systems for service and installation.
- Recover, recycle and work safely with refrigerants.
- Recognize and utilize the appropriate tools, test instruments and equipment to troubleshoot and affect desired results.

It is recommended that those who wish to consider air conditioning and refrigeration as a career complete high school courses in such related areas as electricity, metal working, machine shop, plumbing/heating and blueprint reading.

A Certificate is awarded upon completion of the requirements for this program.

Courses should be selected in consultation with an advisor.

First Semester

Course No.	Descriptive Title	Credit Hours
MAT 131	Technical Math I	3
ACR 101	Air Conditioning and Refrigeration I	5
PHS 115	Fundamentals of Electricity	4
TOTAL		12

Second Semester

Course No.	Descriptive Title	Credit Hours
ENG 101	Composition I	3
ENT 131	Technical Drawing	1
ACR 102	Air Conditioning and Refrigeration II	8
TOTAL		12
	TOTAL CREDIT HOURS	24

Students interested in other coursework should consider enrolling in SUS 101, ARC 211, PHS 107 or BUS 102.

NOTE:

Students enrolled in a Certificate program must complete at least 50% of the program credits at DCC.* Students must earn an overall cumulative GPA of 2.0 or higher in order to be awarded the certificate.