

Basic Air Conditioning & Refrigeration

Program

Air Conditioning & Refrigeration Technology

Degree Type

Short-Term Certificate

Location

Hamilton & Sumiton Campuses

Heating and air-conditioning systems control the temperature, humidity, and the total air quality in residential, commercial, industrial, and other buildings. By providing a climate controlled environment, refrigeration systems make it possible to store and transport food, medicine, and other perishable items. Heating, Air-conditioning, and Refrigeration Technicians install, maintain, and repair such systems. Because heating, ventilation, air conditioning, and refrigeration systems often are referred to as HVACR systems, these workers also may be called HVACR technicians. The Air Conditioning and Refrigeration program at Beville State is designed to teach basic theories and provide a working knowledge of air conditioning and heating for both comfort and environmental considerations. Graduates will be able to enter the fields of planning, installing, operating, and maintaining all types of heating, air conditioning and refrigeration equipment. The program is approved by the Alabama Board of Heating, Air Conditioning, and Refrigeration for the Alabama Contractor's License Exam.

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1
ACR 111	PRINCIPLES OF REFRIGERATION	3
ACR 112	HVAC/R SERVICE PROCEDURES	3
ACR 121	PRINCIPLES OF ELECTRICITY FOR HVAC/R	3
ACR 123	HVAC/R ELECTRICAL COMPONENTS	3
ACR 147	REFRIGERATION TRANSITION & RECOVERY THEORY	3
ACR 132	RESIDENTIAL AIR CONDITIONING	3
Total Credits		19