

Heating and Air Conditioning (STC-HVC)

Program Locations: Atmore Campus and the Baldwin Preparatory Academy (Dual Enrollment)

Career-Technical Division

Length: Two Semesters

The short-term certificate in Heating and Air Conditioning introduces the principles of preventive, predictive, and corrective maintenance for HVAC systems. Students will learn to perform troubleshooting and analysis on machinery used in various facilities and apply sound maintenance practices in all aspects of their work. This short-term certificate is a pathway leading into an Associate in Applied Science degree in Heating and Air Conditioning.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of Alabama Transfers state transfer and articulation reporting system.

Subject: **Electrical Technology**

Type: Short-Term Certificate

Semester One

Item #	Title	Credits
ACR 111	Principles of Refrigeration	3
ACR 112	HVACR Service Procedures	3
ACR 121	Principles of Electricity for HVACR	3
ACR 147	Refrigerant Transition and Recovery Theory	3
ACR 148	Heat Pump Systems I	3

Semester Two

Item #	Title	Credits
ACR 119	Fundamentals of Gas Heating Systems	3
ACR 122	HVACR Electric Circuits	3
ACR 126	Commercial Heating Systems	3
ACR 205	System Sizing and Air Distribution	3
	Total credits:	27