

Heating and Air Conditioning (AAS-HVC)

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

Career-Technical Division

Length: Four Semesters

The Associate in Applied Science degree in Heating and Air Conditioning is an occupational degree, which introduces the principles of preventive, predictive, and corrective maintenance. 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 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: A.A.S.

Semester One

Item #	Title	Credits
ACR 111	Principles of Refrigeration	3
ACR 112	HVACR Service Procedures	3
ACR 119	Fundamentals of Gas Heating Systems	3
ACR 121	Principles of Electricity for HVACR	3
WKO 110	NCCER Core	3
	WKO 107 or ORI 101	1

Semester Two

Item #	Title	Credits
ACR 122	HVACR Electric Circuits	3
ACR 126	Commercial Heating Systems	3
ACR 147	Refrigerant Transition and Recovery Theory	3
ACR 148	Heat Pump Systems I	3
	MTH 116 or MTH 100	3

Semester Three

Item #	Title	Credits
CIS 146	Computer Applications	3
ENG 101	English Composition I	3
IET 114	Basic Electricity	3
INT 117	Principles of Industrial Mechanics	3
	HVAC Elective	3

Complete Graduation Application

Complete the graduation application and begin the process of a review of your degree plan before your final semester.

Semester Four

Item #	Title	Credits
ACR 205	System Sizing and Air Distribution	3
	HVAC Elective	3
	HVAC Elective	3
	History, Social Science, or Behavioral Science Elective	3
	Humanities and Fine Arts Elective (T)	3
	Total credits:	61