

Heating and Air Conditioning, A.A.S.

Program Locations: Atmore Campus and the North Baldwin Center for Technology (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 STARS.

Program: Electrical and Instrumentation Technology

Type: A.A.S.

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
IET 114	Basic Electricity	3
WKO 110	NCCER Core	3
	WKO 107 or ORI 101	1

Semester Two

Item #	Title	Credits
INT 117	Principles of Industrial Mechanics	3
	MTH 116 or MTH 100	3
ACR 122	HVACR Electric Circuits	3
	ACR 126 or ACR 119	3
ACR/ASC 147	Refrigerant Transition and Recovery Theory	3
ACR 148	Heat Pump Systems I	3

Semester Three

Item #	Title	Credits
ENG 101	English Composition I	3
IET 131	Fluid Power Systems	3
CIS 146	Microcomputer Applications	3
	SPH 106 or SPH 107	3
ACR 149	Heat Pump Systems II	3

Semester Four

Item #	Title	Credits
	Humanities and Fine Arts Elective	3
	MTH, SCI, CIS 130 or CIS 147	3-4
ILT 108	Introduction to Instruments and Process Control	3
ACR 205	System Sizing and Air Distribution	3
	ACR, ELT, IET, ILT, INT, or WKO Elective	3
	History, Social Science, or Behavioral Science Elective	3
	Total credits:	67-68