



HEATING AND AIR CONDITIONING

Short Term Certificate – STC HVC

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

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.

AREA V: Pre-Professional, Major, and Elective Courses

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
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
ACR 205 – System Sizing and Air Distribution	3
Total Hours	27 SH