

AIR CONDITIONING AND HEATING SERVICE AND INSTALLATION, CERTIFICATE OF ACHIEVEMENT

Course	Title	Units
HVAC A104	Air Balance	3
	Units	9
	Total Units	15

Banner Code: 1_CM_ACHS
Control Number: 44007
Not Financial Aid Eligible

The Air Conditioning and Heating Service and Installation certificate is a first level program of study that will prepare students with entry level skills to begin a heating, ventilation, and air conditioning (HVAC) career. The skills gained in the program will give individuals the advantage in a crowd of candidates applying for entry-level jobs. Completion of this first certificate will enable students to be employed as a maintenance technician and work toward becoming a journeyman, while also continuing their studies to earn the next level major certificate and advance in their career and earning potential.

Program Outcome

Prepare students for entry-level employment as an Air Conditioning, and Heating Technician and for industry certifications.

Review Graduation Requirements (<https://catalog.cccd.edu/orange-coast/graduation-requirements/certificates/#achievementtext>).

Course	Title	Units
Required Courses		
HVAC A100	Air Conditioning and Refrigeration Principles	3
HVAC A101	Basic Electrical for HVAC-R	3
HVAC A103	Air Conditioning Service	3
HVAC A104	Air Balance	3
HVAC A105	Air Conditioning and Refrigeration Controls	3
Total Units		15

Program Sequence

These sequences at Orange Coast College are curriculum maps for students to finish all requirements for the certificate. There may be advisories, prerequisites, or time requirements that students need to consider before following these maps. **Students are advised to meet with an Orange Coast College Counselor for alternate sequencing.**

Course	Title	Units
Year 1		
Semester 1		
HVAC A100	Air Conditioning and Refrigeration Principles	3
HVAC A101	Basic Electrical for HVAC-R	3
	Units	6
Semester 2		
HVAC A105	Air Conditioning and Refrigeration Controls	3
HVAC A103	Air Conditioning Service	3