

REFRIGERATION SERVICE, CERTIFICATE OF ACHIEVEMENT

Banner Code: 1_CM_REFR

Control Number: 44008

Not Financial Aid Eligible

The Refrigeration Service certificate is a first level minor certificate that will prepare students to begin a career in commercial and industrial refrigeration as a Refrigeration Technician. The skills gained in this program will give individuals the advantage in crowd of candidates applying for entry level jobs. Completion of this program will prepare the candidate 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.

Program Outcome

Prepare students for entry-level employment as a Refrigeration 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 A102	Refrigeration Service	3
HVAC A105	Air Conditioning and Refrigeration Controls	3
HVAC A111	Ice Machine Service & Repair	3
Total Units		15

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.**

Some courses in this program may be offered once per academic year.

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 A102	Refrigeration Service	3
HVAC A105	Air Conditioning and Refrigeration Controls	3

Course	Title	Units
HVAC A111	Ice Machine Service & Repair	3
	Units	9
	Total Units	15