HVAC Programs: 27 – 57 credit hours

ABOUT

The primary mission of the HVAC/R program is to provide the necessary training to prepare students for a successful career in the field of HVAC/R with a goal of business owner or service manager. The HVAC/R program is accredited by the Committee on HVAC Excellence and includes a study of air conditioning, heating, and refrigeration for residential, commercial, and industrial equipment. Along with receiving instruction, students are trained to be HVAC technicians in a hands-on lab environment. Students are offered the opportunity to earn the EPA 608 license, EPA 410A, NATE, and ESCO certifications.

PROGRAMS

Certified HVAC Technician, CTS; 27 credit hours
Master HVAC/R Technician, TD; 57 credit hours

PROGRAM ADMISSION

Students in the Master HVAC/R Technician program must **be eligible for** (completion not required) ENGL 099, MATH 098 and READ 072.

CAMPUS

Jefferson and Sidney Collier Sites

CAREER INFORMATION

Outlook: 11% increase in jobs by 2026
LA Star Rating: 5-stars
Salary: $43,888/year or $21.10/hour

FINANCIAL AID ADVISOR

Marla Garrity, mgarri@dcc.edu

PROGRAM CONTACT

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PROGRAM SEQUENCE

Semester 1*

ADOT 105 Survey of Computer Apps.	3-0-3/45 _OR_
CMIN 201 Computer & Internet Literacy	3-0-3/45
HACR 121 Electrical Fundamentals	3-1-3/60
HACR 116 Tubing, Fabrication, and Fitting	2-2-3/60
Co-Requisite: TECH 101	
HACR 117 Principles of Refrigeration	3-2-4/75
Co-Requisite: HACR 116	
TECH 101 NCCER Technical Core	3-3-3/90

Semester 2

HACR 153 Residential System Design	4-1-4/75
HACR 222 Electrical Components & Motors	3-2-4/75
Pre-Requisite: HACR 121	
HESC 102 First Aid	3-0-3/45
HACR 115 Bldg. Code and Licensing	3-0-3/45

Exit: Certified HVAC Technician, CTS

Semester 3

HACR 251 Theory of Residential AC	3-0-3/45
Pre-Requisites: HACR 121, 116, 117, & 222	
HACR 252 Residential A/C: Theory & Practice	2-3-3/75
Co-Requisite: HACR 252	
HACR 254 Residential Gas Heating	2-2-3/60
Pre-Requisites: HACR 116, 121, & 222	
HACR 256 Residential Heat Pumps	2-2-3/60
Pre-Requisites: HACR 116, 117, 121, & 222	

Semester 4

HACR 281 Intro to Commercial A/C	2-2-3/60
Pre-Requisites: HACR 116, 117, 121, & 222	
HACR 291 Intro Commercial Refrigeration	2-2-3/60
Pre-Requisites: HACR 116, 117, 121, & 222	
HACR 157 Building Science for HVAC	2-0-2/30
HACR 158 Building Engineering Hydronics	4-1-4/75
ACCT 111 Fundamentals of Accounting _OR_	
BUSG 115 Starting a New Business	

*When registering Semester 1 courses, enter ADOT 105 first since it is a co-req. This will allow you to add the additional courses.