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 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.