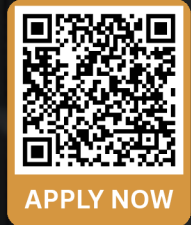




Heating, Ventilation, Air-Conditioning/Refrigeration

HVAC/R technicians and installers troubleshoot, repair and install heating and air systems in a variety of residential, business and commercial settings. They are an integral part of the workforce and help keep climate-control and refrigeration systems in optimal condition year round.



About the Program

CLASS MEETS AT NFC PERRY LOCATION

This certificate program prepares students for entry-level employment or advanced training in the heating, ventilation, air-conditioning, and refrigeration (HVAC/R) industry.

High School Dual Enrollment Students can enroll part time or full time.



1350 Clock Hour Certificate

TERM #1 and #2 (Fall or Spring)*

- **ACR 0000C** - Fundamentals of Refrigeration (225 Hrs)
- **ACR 0102C** - Basic Electricity Systems and Controls (225 Hrs)

*Students can begin with either course above.

TERM #3 (Fall or Spring)

- **ACR 0609C** - Refrigeration: Trouble Analysis (225 Hrs)

TERM #4 (Fall or Spring)

- **ACR 0600C** - Heating Systems (225 Hrs)

TERM #5 (Fall or Spring)

- **ACR 0930C** - Selected Topics in Air Conditioning (225 Hours)

TERM #6 (Fall or Spring)

- **ACR 0060C** - Indoor Air Quality and System Design (225 Hours)



Vocational Internships/Co-op options may be available after Semester 2; after 450 Hrs

Program Graduates can articulate three college credit hours into an A.S. in Building Construction Technology at a Florida College System institution offering the degree.

Industry Certifications

- **EPA:** Environmental Protection Agency 608 Certification (for employment in any job that requires work with refrigerants)
- **NATE:** North American Technician Excellence Certification

DE Entry Requirements

- High school approval to enroll
- Must be at least 16 years of age
- Minimum 2.0 Unweighted GPA

**A basic skills assessment must be completed within the first six (6) weeks of program admission. Students must meet the basic skills requirement through required scores or an exemption to receive a certificate of completion at the end of the program.*



Estimated Hourly Wages

Florida: \$19.64-\$26.49

14.3% Anticipated Job Growth Rate by 2033

floridajobs.org - 2025-26 Florida Statewide Demand Occupations List; 2025-2033 Occupational Employment Projections

Related Jobs/Careers

Heating, Air Conditioning, and Refrigeration Mechanics and Installers; Home Appliance Repairers; Stationary Engineers and Boiler Operators; First-Line Supervisors of Mechanics, Installers, and Repairers.

FDOE Program # C400400 | CIP 15.0501





Dual Enrollment Pathway Planner

Heating, Ventilation, Air-Conditioning and Refrigeration

Program Type: Career Certificate

Total Hours: 1350

Location: NFC Perry Location

Estimated Completion Time: 6 Terms (Part Time - MTWRF)

Part Time Pathway

Term 1: 225 Hours (Fall -or- Spring)

ACR 0000C or ACR 0102C Record Course Reference Number (CRN) Here _____ Morning (8:30 am - 11:30 am)
 Fundamentals of Refrigeration -OR- Afternoon (12:30 pm - 3:30 pm)
 Basic Electricity Systems and Controls _____ Afternoon (12:30 pm - 3:30 pm)

Term 2: 225 Hours (Fall -or- Spring)

ACR 0000C or ACR 0102C _____ Morning (8:30 am - 11:30 am)
 Fundamentals of Refrigeration -OR- Afternoon (12:30 pm - 3:30 pm)
 Basic Electricity Systems and Controls _____ Afternoon (12:30 pm - 3:30 pm)

Term 3: 225 Hours (Fall -or- Spring)

ACR 0609C _____ Morning (8:30 am - 11:30 am)
 Refrigeration: Trouble Analysis _____ Afternoon (12:30 pm - 3:30 pm)

Term 4: 225 Hours (Fall -or- Spring)

ACR 0600C _____ Morning (8:30 am - 11:30 am)
 Heating Systems _____ Afternoon (12:30 pm - 3:30 pm)

Term 5: 225 Hours (Fall -or- Spring)

ACR 0930C _____ Morning (8:30 am - 11:30 am)
 Selected Topics in Air Conditioning _____ Afternoon (12:30 pm - 3:30 pm)

Term 6: 225 Hours (Fall -or- Spring)

ACR 0060C _____ Morning (8:30 am - 11:30 am)
 Indoor Air Quality and System Design _____ Afternoon (12:30 pm - 3:30 pm)



Full Time Pathways Available

8:30 am - 3:30 pm (Morning & Afternoon)

Students who are able to transition to full-time attendance may enroll in up to two courses (450 clock hours) during the Fall or Spring term*.

*See course schedule for details



Submit Your Registration Requests

Using the Course Reference Numbers (CRNs) you recorded, submit your course requests using the Dual Enrollment Online Registration Request Form. Your requests will be reviewed and approved by your High School Guidance Counselor.

