

2025-2026 ARCHITECTURE & CONSTRUCTION

HEATING, VENTILATION, AIR-CONDITIONING/ REFRIGERATION (HVAC/R) 1

COURSE CONTENT

Instruction includes classroom and lab experiences that enable the student to be job ready for the South Florida market and become proficient in the installation, repair, and maintenance of domestic air conditioning, refrigeration, and electric heating systems. Heavy emphasis is placed on electrical systems. The HVAC/R 1 students receive instruction in layout and design of electrical system schematics. This is a fast paced, highly accelerated course.

ADDITIONAL SKILLS COVERED:

- Basics of Refrigerant Recovery & Recycling
- Blueprint Reading
- Building Codes
- Diagnosis of Malfunctions
- Operational Characteristics of Various Systems & their Components
- OSHA 10 hour Safety
- Preparation for the EPA Section 608 & R-410A Exams
- Repair, Replacement, and/or Adjustments of Compressors, Metering Devices, Temperature & Pressure Controls

ADMISSION REQUIREMENTS:

- 16 Years of Age or Older
- Attend an ATC Program Information Session
- Basic Skills Testing or Exemption
- Meet with Program Counselor/Advisor



PROGRAM LENGTH

750 Hours (approx. 6 months full-time or 12 months part-time)

PROGRAM OFFERED

August & February

DELIVERY METHOD

Traditional: 100% classroom-based

DAYS & TIMES

Monday - Friday

7:05 a.m. - 1:50 p.m. (full-time)

Monday - Thursday

5:00 p.m. - 9:30 p.m. (part-time)



Atlantic Technical College & Technical High School

4700 Coconut Creek Parkway
Coconut Creek, FL 33063
754.321.5100 | Fax: 754.321.5380

Arthur Ashe, Jr. Campus

1701 NW 23rd Avenue
Fort Lauderdale, FL 33311
754.322.2800 | Fax: 754.322.2880

For more information call
754.321.5200 or visit
AtlanticTechnicalCollege.edu



CAREER IN A YEAR

FLORIDA'S PUBLIC TECHNICAL COLLEGE SYSTEM

Enroll in this **Fast Track**
Program for a
Career in a **Year**



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GET STARTED TODAY

YOUR ACTION STEPS

- STEP 1** | Attend an ATC Program Information Session
- STEP 2** | Reply to Follow-up Email
- STEP 3** | Secure Funding Source
- STEP 4** | Registration, Payment, and Enrollment

POSSIBLE JOB TITLES

- Preventative Maintenance Technician
- Helper Installation Technician
- Helper Service Technician
- Installation Technician
- Service Technician

Job Outlook

For information regarding *Heating, Ventilation, Air-Conditioning Refrigeration (HVAC/R)* salaries/wages, visit FloridaJobs.org



GET THERE
with Atlantic Technical College

THE MISSION OF ATLANTIC TECHNICAL COLLEGE & TECHNICAL HIGH SCHOOL is to promote excellence in academic, career and technical studies in order to prepare students to enter and remain competitive in a global workforce.

C400410 (750 HOURS)

TUITION

(approx. cost based upon program length)

LAB FEE

(approx. cost based upon program length)

BASIC SKILLS TEST

REGISTRATION FEE

(non-refundable fee - \$40/semester or \$20/quarter)

ANNUAL STUDENT ACTIVITY FEE

(\$20 per academic year)

IN-STATE FEE

OUT-OF-STATE-FEE

\$2,100

\$8,400

\$525

\$525

\$15

\$15

\$60

\$60

\$20

\$20

TUITION & FEES

are subject to change based on enrollment. There may be additional costs associated with books, uniforms, special tools, equipment, and other related items.

\$2,720

\$9,020

INDUSTRY CERTIFICATION & STATE CREDENTIAL EXAMS:

Students will be prepared to take an approved state and/or nationally recognized industry certification or licensure exam in their field of study. Exam costs are additional; however, you may qualify for reimbursement of your exam cost(s) upon passing. See your program counselor/advisor for more information.

BOOKS/SUPPLIES:

For a list of books and prices go to atlantictechcollege.edu/bookstore-price-list/ or visit the bookstore on campus. Additional supply information can be found in the syllabus located on the web page for this program.



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