



2024-2025 | ATLANTIC TECHNICAL COLLEGE & TECHNICAL HIGH SCHOOL
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.

Program Length

750 Hours (approximately 6 months full-time)

Program Offered

August & February

Delivery Method

Traditional - 100% classroom based

Days & Times

Monday - Friday | 7:05 a.m. - 1:50 p.m.

Job Outlook

For information regarding Heating, Ventilation, Air-Conditioning Refrigeration (HVAC/R) salaries/wages, visit [FloridaJobs.org](https://www.floridajobs.org)



Additional Skills Covered:

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

Admission Requirements:

- 16 Years of Age or Older
- Complete a Program Specific Orientation
- Basic Skills Testing or Exemption
- Meet with Program Counselor/Advisor



Enroll in This Fast Track Program for a Career in a Year

Atlantic Technical College & Technical High School

4700 Coconut Creek Parkway
Coconut Creek, FL 33063
754-321-5100 | Fax: 754-321-5380

Atlantic Technical College 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](https://www.AtlanticTechnicalCollege.edu)



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GET STARTED Today

YOUR ACTION STEPS:

Step 1

Attend an ATC Program Information Session

Step 2

Reply to Follow-up E-mail

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



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.

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

C400410 (750 Hours)

Tuition (approximate cost based upon program length)	\$2,100	\$8,400
Lab (approximate cost based upon program length)	\$525	\$525
Basic Skills Test	\$15	\$15
Registration (non-refundable fee - \$40/semester or \$20/quarter)	\$60	\$60
Annual Student Activity Fee (\$20 per academic year)	\$20	\$20

In-State Fees

Out-Of-State Fees

Tuition, Lab, Assessment, Registration, Activity Fee (approximate costs)

\$2,720

\$9,020

There may be additional costs associated with books, uniforms, special tools, equipment and other related items.

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.

College Credit Transfer Opportunity and/or Advanced Standing:

Upon completion of the program, you may be eligible to receive FREE associate degree transfer credits from Broward College or another state college. To learn more and determine eligibility, visit browardtechnicalcolleges.com/articulation-agreement/, scroll to the career cluster photos, click Architecture and Construction, or contact your program counselor/advisor. Additional college credit may be awarded with the attainment of industry certifications.

Books / Supplies:

For a list of books and prices go to atlanticttechnicalcollege.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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