



2024-2025 | ATLANTIC TECHNICAL COLLEGE & TECHNICAL HIGH SCHOOL

## ARCHITECTURE & CONSTRUCTION

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

### Course Content:

Instruction includes classroom and lab experiences that enable the student to be job ready and become proficient in the installation, repair, and maintenance of domestic and commercial air conditioning, refrigeration, and heating systems. As well as Advanced Commercial Industrial service Practices including Thermal storage and heatload calculation. Heavy emphasis is placed on electrical systems. The HVAC/R students receive instruction in layout and design of electrical system schematics.

### Program Length

1350 Hours (approximately 12 months full-time | 24 months part-time)

### Program Offered

Days: August & January

Evenings: October & March

### Delivery Method

Traditional - 100% classroom based

### Days & Times

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

Monday - Thursday | 6:00 p.m. - 9:45 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 and R-410A Exams
- Repair, Replacement, and/or Adjustments of Compressors, Metering Devices, Temperature and Pressure Controls
- Advanced Commercial and Industrial Service Practices

### 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)

### C400400 (1350 Hours)

<b>Tuition</b> (approximate cost based upon program length)	<b>\$3,780</b>	<b>\$15,120</b>
<b>Lab</b> (approximate cost based upon program length)	<b>\$945</b>	<b>\$945</b>
<b>Basic Skills Test</b>	<b>\$15</b>	<b>\$15</b>
<b>Registration</b> (non-refundable fee - \$40/semester or \$20/quarter)	<b>\$100</b>	<b>\$100</b>
<b>Annual Student Activity Fee</b> (\$20 per academic year)	<b>\$20</b>	<b>\$20</b>

### In-State Fees

### Out-Of-State Fees

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

**\$4,860**

**\$16,200**

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/](http://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 [atlantictechcollege.edu/bookstore-price-list/](http://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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