

2023-2024

ARCHITECTURE & CONSTRUCTION

Atlantic Technical College & Technical High School

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

**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 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.

**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

**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](http://FloridaJobs.org)



**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](http://AtlanticTechnicalCollege.edu)



FLORIDA'S PUBLIC TECHNICAL COLLEGE SYSTEM

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



*Celebrating 50 Years of Excellence!*



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

### C400410 (750 Hours)

|  | In-State Fees  | Out-Of-State Fees |
|--|----------------|-------------------|
| <b>Tuition</b><br><i>(approximate cost based upon program length)</i>              | \$2,100        | \$8,400           |
| <b>Lab</b><br><i>(approximate cost based upon program length)</i>                  | \$450          | \$450             |
| <b>Basic Skills Test</b>   | \$15           | \$15              |
| <b>Registration</b><br><i>(non-refundable fee - \$40/semester or \$20/quarter)</i> | \$60           | \$60              |
| <b>Annual Student Activity Fee</b><br><i>(\$20 per academic year)</i>              | \$20           | \$20              |
| <b>Tuition, Lab, Assessment, Registration, Activity Fee (approximate costs)</b>    | <b>\$2,645</b> | <b>\$8,945</b>    |

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.

### 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.

# 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



**GET THERE**  
with Atlantic Technical College

The mission of Atlantic Technical College and 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.

Follow us on:

