



# HVAC&R Technology

**\$64K**

*Average salary for  
HVAC&R Technicians  
in Massachusetts*



**\$2M+**

*Institutional  
financial aid  
awarded per year*



**10:1**

*Student to Faculty  
ratio*



**83%**

*4-year average job  
placement rate  
(full-time, in-field)*



**APPLY TODAY!**

41 Berkeley Street  
Boston, MA 02116

bfit.edu  
admissions@bfit.edu  
617.588.1368

## Overview

The boom in commercial and residential construction and the growing emphasis on sophisticated climate-control systems is creating strong demand for skilled Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC&R) technicians. These professionals work for heating and cooling contractors, refrigeration and air conditioning service and repair shops, schools, hospitals, office buildings, a variety of food industries, and local, state, and federal government facilities.

BFIT's 8-month, 800-hour, full-time day or evening Certificate in HVAC&R will provide you with the knowledge and hands-on skills to become a successful HVAC&R technician—with no prior experience needed. The program offers 150 hours of electrical code training and a minimum of 150 hours of refrigeration theory needed for Massachusetts state licensure. Courses are taught in small classroom settings, where you can build lasting relationships with faculty and your classmates.

Because today's HVAC&R technician needs to be EPA certified, our program includes test preparation for the EPA certification. In addition, we offer an R-410A high-pressure refrigerant certification, OSHA 10-hour Safety certificate, NORA bronze oil certification, 609MVAC certification, and Preventive Maintenance Technician certification.

## Programs

**Certificate in HVAC&R Technology**

## What Will You Learn?

- Principles of refrigerants
- Solder and braze pipes and fittings
- Flare and swage tubing
- Troubleshoot commercial and residential units
- Test pressure and detect leaks
- Earn 2,000 credit hours toward the Refrigeration Technician Examination and 150 hours of electrical code needed for state licensure

## Job Outlook

Technicians familiar with tablet computers and electronics, as well as troubleshooting, communication, and project management—skills which are all taught in BFIT's program—will have the best job prospects. Average HVAC technician salaries are more than 20% higher in Massachusetts than the national average. *(Source: US Bureau of Labor Statistics)*

## Career Paths

- HVAC&R Technician
- HVAC&R Installer

# Your Pathway to **SUCCESS**

Founded in 1908, Benjamin Franklin Institute of Technology is a non-profit college that offers affordable, technical programs that meet evolving industry needs. Through hands-on classes with extensive academic support, our graduates enter the workforce with the skills to add value on day one, and the communication, teamwork, and problem-solving skills needed for lifelong success in their careers.

## Programs At-a-Glance

### Certificates

- Automotive Technology\*
- Computer-Aided Design/SolidWorks
- CNC Machining\*
- Cybersecurity
- Electronics Technology\*
- HVAC&R Technology
- Network & Systems Support\*
- Practical Electricity
- Software Development\*
- Web Design Multimedia\*

### Associate Degrees

- Automotive Technology\*
- Computer Information Technology\*
- Construction Management
- Engineering Technology  
(3 concentrations)
  - ▶ Advanced Manufacturing and Automation
  - ▶ Mechatronics\*
  - ▶ Renewable Energy
- Health Information Technology\*
- Opticianry

### Bachelor's Degrees

- Automotive Management
- Electrical Engineering
- Health Information Technology  
(3 concentrations)
  - ▶ General
  - ▶ Data Analytics
  - ▶ Public Health

\*Credits in this program can be "stacked" as a pathway to a higher degree.

## Top 5 Reasons to Choose BFIT

### 1 Job Ready Skills

All of our hands-on programs are designed to prepare graduates for work in high-demand fields, in roles where wages are high enough to support a family. In fact, the vast majority of our grads land jobs in their field or continue their education, and many of our programs boast 80-90% job placement rates.

### 2 Affordable Tuition

BFIT is one of the most affordable private, non-profit colleges in Massachusetts, and more affordable than all for-profit technical schools in the state. Our tuition cost is less than half of the average tuition at 4-year non-profit colleges in Massachusetts. And we offer financial aid to 99% of students.

### 3 Flexible, Stackable Program Options

Many of our programs are "stackable." That means you can gain marketable skills in a year or less with one of our certificate programs, then "stack" those credits toward an associate degree, or even a bachelor's degree, when you're ready to continue your education. All of our programs also include preparation for key industry certifications and/or licenses.

### 4 Focused Student Support

With an average class size of just 10 students, our students receive the individualized attention they need to thrive. Our faculty and staff support our students every step of the way, which is why BFIT's graduation rate is double the national average for two-year colleges and almost three times the Massachusetts average.

### 5 Industry Connections

We partner with industry leaders to ensure that our programs prepare students with the right skills for today's jobs. Close employer connections lead to internships, job-shadowing, and careers for our graduates. Over 60 companies attend our annual career fairs.

BFIT is an Affirmative Action/Equal Opportunity institution and does not discriminate on the basis of age, race, religion, color, creed, national or ethnic origin, sex, sexual orientation, handicap, or disability in its education programs, employment, or in admissions to, access to, or treatment in its programs or activities.