



# Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R)

**Program Purpose:**

The purpose of this program is to prepare students for employment or advanced training in the heating, ventilation, air-conditioning/refrigeration (HVAC/R) industry. The student should obtain EPA certification prior to leaving school in order to be employed in any job that requires work with refrigerants. This program focuses on broad, transferable skills, stresses the understanding of the heating, air-conditioning, refrigeration and ventilation industry and demonstrates elements of the industry such as planning, management, finance, technical and production skills, the underlying principles of technology, and health, safety and environmental issues.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Architecture and Construction career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Architecture and Construction career cluster.

The content includes but is not limited to designing, testing and repairing heating, ventilation, air-conditioning/refrigeration (HVAC/R) systems.

**Admissions:**

1. Apply to MTC at <https://manateetech.edu/apply-now/>. Submit your application to access your "To-Do List." You are not accepted into the program after applying, you must complete your do list.
2. View the Main Campus Virtual Information Session handout: [Click Here](#)
3. View the Main Campus Virtual Information Session video: [Click Here](#)
4. Complete your "To-Do List" at <https://www.MTCdashboard.net>.

Note: The Basic Skills Assessment must be taken within 6 weeks of your admit date unless exemption criteria have been documented per State Statute. For exemption information, see the Student Handbook located here: <https://www.manateetech.edu/quick-docs/>

**Length of Program:** Full-time 1350 hours – approximately 12 months full-time to complete

<u>OCP</u>	<u>COURSE</u>	<u>HOURS</u>
A	Introduction to HVAC/R – ACR0000	250
B	HVAC/R Fundamentals – ACR0001	250
C	HVAC/R Service Practices – ACR0012	250
D	HVAC/R Intermediate Service Practices – ACR0013	250
E	HVAC/R Advanced Service Practices	350

- Dual Enrollment:** Yes
- Industry Certification:** HVAC Excellence Employment Ready-Electrical, HVAC Excellence Employment Ready-Air Conditioning, HVAC Excellence Employment Ready-Heat Pump, EPA Section 608 Certification
- Articulation:** May be available towards credits at Florida public colleges/universities. Speak with a Career Counselor for more information.
- Job Placement Rate:** 83%
- Location:** MTC Main Campus, 6305 State Road 70 East, Bradenton, FL 34203. Tel 941.751.7900
- Start Date:** August, January
- Start Time:** Monday - Friday, 8:00 a.m. – 3:00 p.m.
- For More Information:** Scan QR CODE



<b>Program #C400400</b>	<b>CIP# 0615050110</b>
Estimated Tuition, Lab, and Fees ( <i>includes administrative fee</i> )	\$4,745.00
<b>Additional Fees Due Prior to Admittance</b>	
Application Fee	\$45.00
<b>Bookstore</b>	
Textbook(s)*	\$283.00
Uniform*	\$34.00
<b>Additional Required Items (Outside Vendor)</b>	
Closed-toe shoes (boots, sneakers, etc) - <i>estimate</i>	\$60.00
Mechanic style work gloves - <i>estimate</i>	\$15.00
Long pants (no sweatpants or pajama pants) – <i>estimate</i>	\$30.00
Notepad – <i>estimate</i>	\$5.00
Pencils, pens, highlighters – <i>estimate</i>	\$10.00
Safety Glasses – <i>estimate</i>	\$15.00
<b>Estimated Total Cost of Program</b>	<b>\$5,242.00</b>

***Financial aid available depending on student's eligibility***

All pre-admission fees are non-refundable and not covered by Financial Aid. \*Prices are subject to change.

Annual fees (charged each academic year from July 1—June 30).

Textbook estimate. Current book list and prices: <https://manateetech.edu/current-students/bookstore/>

Tuition is \$2.92 per hour for Florida residents. Tuition is \$11.71 per hour for Non-Florida residents.

The School Board does not discriminate on the basis of race, color, ethnicity, religion, national origin, sex (including sexual orientation, transgender status, or gender identity), disability (including HIV, AIDS, or sickle cell trait), pregnancy, marital status, age (except as authorized by law), ancestry, genetic information, which are classes protected by State and/or Federal law (collectively, "protected classes") in its programs and activities, including employment opportunities. It is the legal obligation and the policy of the Board to employ only those persons who are best qualified, with or without reasonable accommodations. The Superintendent shall appoint a compliance officer whose responsibility it will be to require that Federal and State regulations are complied with and that any inquires or complaints are dealt with promptly in accordance with law. S/He shall also require that proper notice of nondiscrimination for Title II, Title VI, and Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendment Act of 1972, Section 504 of the Rehabilitation Act of 1973, and the Age Discrimination in Employment Act will be provided to staff members and the general public. Any sections of the District's collectively-bargained negotiated agreements dealing with hiring and promotion will contain a statement of nondiscrimination similar to that in the Board's statement above.

**941.751.7900**

**ManateeTech.edu**