



Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) 1

Short Description:

This program includes designing, testing, and repairing heating, ventilation, air-conditioning/refrigeration (HVAC/R) systems for both commercial and residential systems.

Program Content:

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 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, and cooling (HVAC) systems.

Admissions:

1. Apply to MTC at <https://www.manateetech.edu/apply-now/cte-programs-application/>. Submit your application to access your "To-Do List." You are not accepted into the program after applying, you must complete your "To-Do List"
2. 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:

Part-time 750 hours – approximately 13 months part-time to complete

OCP	COURSE	HOURS
A	Introduction to HVAC/R – ACR0000	250
B	HVAC/R Fundamentals – ACR0001	250
C	HVAC/R Service Practices – ACR0012	250

Dual Enrollment: No

Certification/Licensure:

HVAC Excellence Employment Ready-Electrical, HVAC Excellence Employment Ready-Air Conditioning, HVAC Excellence Employment Ready-Heat Pump, EPA Section 608 Certification

CTSO:

SkillsUSA and/or HOSA are the approved cocurricular career and technical student organizations which provide activities for students as an integral part of the instruction by providing leadership training and reinforcing specific career and technical skills

Articulation:

May be available towards credits at Florida public colleges/universities. Speak with a Career Counselor for more information.

Location: MTC Main Campus, 6305 State Road 70 East, Bradenton, FL 34203. Tel. 941-751-7900

Start Date: August

Start Time: Monday - Thursday, 5:15 p.m. – 10:00 p.m.

For More Information Scan QR CODE at the bottom of document

Program #C400410 CIP#0615050111

Estimated Tuition, Lab, and Fees (includes \$60.00 administrative fee)	\$3,745.00
Additional Fees Due Prior to Admittance	
Application Fee	\$45.00
Bookstore	
Textbook(s)*	\$17.39
Uniform* (2shirts recommended \$32 ea.)	\$64.00
Additional Required Items (Outside Vendor)	
Closed-toe shoes (boots, sneakers, etc.) - <i>estimate</i>	\$60.00
Gloves- mechanic style - <i>estimate</i>	\$15.00
Long pants (no sweatpants or pajama pants) – <i>estimate</i>	\$30.00
Composition Notebook 8x10– <i>estimate</i>	\$5.00
Pencils, pens, highlighters – <i>estimate</i>	\$10.00
Ruler – <i>estimate</i>	\$10.00
Safety Glasses – <i>estimate</i>	\$15.00
Estimated Total Cost of Program	\$4,016.39

Financial aid available depending on student's eligibility.

*Uniforms may be covered, for Pell eligible students once aid has been applied to all tuition & fee charges.

*Prices are subject to change.

All pre-admission fees are non-refundable and not covered by Financial Aid.

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

Textbook estimate. MTC Bookstore: <https://www.manateetech.edu/students/bookstore/>

<https://www.manateetech.edu/admissions/financial-aid/>



941.751.7900

ManateeTech.edu