



ROBERT MORGAN EDUCATIONAL CENTER & TECHNICAL COLLEGE

is accredited by the Commission of the Council on Occupational Education, 7840 Roswell Road, Building 300, Suite 325, Atlanta, GA 30350, Telephone: 770-396-3898 / FAX: 770-396-3790, www.council.org

OUR VISION, MISSION AND CORE VALUES

VISION: RMEC & TC's sails are set on a voyage towards achieving quality academic instruction, implementation of community leadership and lifelong learning for all students.

MISSION: RMEC & TC is committed to impart the knowledge and skills that will facilitate the acquisition of those qualities essential to successful global employment and a productive and prosperous life.

CORE VALUES: Accountability, Citizenship, Flexibility, Integrity, Organizational and Personal Learning, Positive Atmosphere and Culture, Preparing Students, Professionalism, Pursuit of Excellence, Respect, and Valuing Stakeholders.

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

THE CLIMATE IS RIGHT FOR SUCCESS



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M-DCPS does not discriminate on the basis of race, color, ethnic or national origin, religion, marital status, disability, genetic information, age, political beliefs, sexual orientation, gender, gender identity, social and family background, linguistic preference, pregnancy, citizenship status, FMLA or any other basis prohibited by law in its educational programs, services, activities, admissions or in its hiring and employment practices. Please refer to School Board Policies 1362, 1362.02, 3362, 3362.02, 4362, 4362.02, 5517 and 5517.02 for more information. For additional information about Title IX or any other discrimination/harassment concerns, contact the U.S. Department of Education Assistant Secretary for Civil Rights and/or: Executive Director/Title IX Coordinator, Office of Civil Rights Compliance, 155 NE 15 Street, Suite P-104E, Miami, Florida 33132; PH: 305-995-1580; E-mail: crc@dadeschools.net; Website: <http://hrdadeschools.net/civilrights>. The District also provides equal access to its facilities, as required by the Boy Scouts of America Equal Access Act.

- TEACHING THE BASICS
- UPGRADING SKILLS
- IMPROVING PERFORMANCE
- PROVIDING NEW CAREER OPTIONS

ROBERT MORGAN EDUCATIONAL CENTER & TECHNICAL COLLEGE

We provide the highest quality education so that all of our students are empowered to lead productive and fulfilling lives as lifelong learners and responsible citizens.



305.253.9920

ROBERTMORGANTECH.NET



RMECTC



@RMECTC

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

PROGRAM OBJECTIVE

This program is designed to prepare students for training and employment in the heating, air-conditioning, refrigeration and ventilation industry.

PROGRAM CONTENT

The content of this program includes, but is not limited to the following:

- ▶ Practical knowledge of basic electricity and electrical components of heating, air conditioning, and refrigeration equipment.
- ▶ Evaluate, troubleshoot, and wire electrical motors, and their components.
- ▶ Use and care of hand tools, power tools, specialized tools, and equipment.
- ▶ Use of current industry standards, practices, and techniques.
- ▶ Maintenance, testing, and adjustments of various residential heating and air-conditioning accessories.

The Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) program provides classroom and laboratory (hands-on) experiences which enable students to become proficient in the installation, repair and maintenance of air conditioning, refrigeration and heating systems. The laboratory contains a variety of residential central air conditioning units and industry simulators.

ADMISSION REQUIREMENTS

- ▶ 16 years of age or older and not currently enrolled in any K-12 program
- ▶ Occupational Interest
- ▶ No specific Information Technology requirement

COMPLETION REQUIREMENTS

The entire program is 750 hours but students can earn a certificate upon completion of the following OCPs:

OCP	COURSE	HOURS
A	Introduction to HVAC/R	250
B	HVAC/R Fundamentals	250
C	HVAC/R Service Practice	250

Minimum basic-skills grade levels required for awarding a Full Program Completion Certificate are 9th grade in Reading, 10th grade in Math and 9th grade in Language on the Test of Adult Basic Education Test (TABE®) or passing the HVAC Excellence Certification. Additional information can be provided by student services.

Students are expected to complete program competencies.

EMPLOYMENT OPPORTUNITIES

- ▶ Air-Conditioning, Refrigeration and Heating Mechanics
- ▶ Mechanic Helpers
- ▶ Air-Conditioning and Heating Installer
- ▶ Warehouse & Parts Supplier
- ▶ Marine Air Conditioning Technician
- ▶ Building Maintenance Engineers
- ▶ Refrigeration Sales and Services

SALARY

According to the 2020 Bureau of Labor Statistics the median pay for an Heating, Air-Conditioning and Refrigeration Mechanic was **\$50,590** annually or **\$24.32** per hour.

FINANCIAL AID

Financial aid is available to those who qualify. Applicants must have a high school diploma from an accredited High School, or its equivalent. To apply, complete the Free Application for Federal Student Aid, at www.fafsa.gov. Questions pertaining to this matter should be directed to the Financial Aid Office.

PROGRAM COST

- ▶ In-state residents - \$2.56 per hour (Subject to change)
- ▶ Out of state resident - \$10.25 per hour (Subject to change)
- ▶ \$15.00 application fee per trimester
- ▶ Material fee – Varies by program
- ▶ Identification fee - \$5.00 per trimester
- ▶ Liability insurance fee – Varies by program
- ▶ Students must purchase books/kits and/or uniforms, if applicable

PROGRAM HOURS

- ▶ Monday - Friday from 8:00 a.m. to 2:00 p.m.
- ▶ Monday - Thursday from 5:00 p.m. to 9:15 p.m.