



SOUTH DADE TECHNICAL COLLEGE

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

➤ OUR VISION, MISSION AND CORE VALUES

MISSION: Our mission is to guide and prepare learners in attaining their highest academic goals and competency levels to qualify them for initial employment and/or career advancement.

VISION: We are committed to providing quality educational programs and services for adult learners.

CORE VALUES:

- ◆ Commitment
- ◆ Excellence
- ◆ Honesty
- ◆ Professionalism
- ◆ Integrity
- ◆ Respect

REFUND POLICY: Students are eligible for Postsecondary Career/Technical Education refunds within 5 days of the beginning of the class start date or registration date, whichever is later.

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA

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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.

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



- UPGRADING SKILLS
- IMPROVING PERFORMANCE
- PROVIDING NEW CAREER OPTIONS

SOUTH DADE 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.

305.247.7839

southdadetech.edu

28300 SW 152nd Avenue Homestead, FL 33033

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

➤ ABOUT OUR PROGRAM

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

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

➤ PROGRAM STRUCTURE

This program consists of 750 hours and is a planned sequence of instruction consisting of three Occupational Completion Points (OCPs):

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

➤ FULL PROGRAM COMPLETION:

- ◆ Completion of all program competencies
- ◆ Basic Skills Level TABE®: Math 10, Reading 9, Language 9; or
- ◆ HVAC Excellence Certification

➤ 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 Bureau of Labor Statistics the average earnings in 2022 for Heating, Air Conditioning, and Refrigeration Mechanics and Installers were \$49,380 annually or \$23.74 hourly.

➤ FINANCIAL AID

Financial Aid is available for those who qualify. To apply, complete the Free Application for Federal Student Aid at www.studentaid.gov. Visit the financial aid office for more information.

➤ PROGRAM HOURS

Monday-Friday from 8:00 a.m. – 2:00 p.m.

➤ GAINFUL EMPLOYMENT DISCLOSURE

The Heating, Ventilation, Air-Conditioning/Refrigeration (HVAC/R) 1 program is designed to be completed in:	30 weeks
Program cost if completed within normal time. There may be additional costs for living expenses. These costs were accurate at the time of posting but may have changed.	In-state: \$2,325.00 $750 \text{ hours} \times \$2.56 = \$1,920.00$ Out-of-state: \$8,092.50 $750 \text{ hours} \times \$10.25 = \$7,687.50$
Fees \$35.00 x 3 terms = \$105.00 Books and supplies = \$300.00	
Of the students who completed this program within normal time, the typical graduate leaves with \$ 0 of debt.	
The following States do not have licensure requirements for this profession: Florida	

For more information about graduation rates, loan repayment rates, and post-enrollment earnings about this institution and other postsecondary institutions please click here: <https://collegescorecard.ed.gov/>