## **GET A CAREER IN A YEAR**





# Learn a Technical Skill in an Industry of High Demand

#### Mission Statement

The mission of Miami Lakes Educational Center & Technical College is to create a highly qualified future workforce by offering state-of-the art academic, career and technical education to all generations within our community.

**HABLAMOS ESPAÑOL** • **NOUPALE KREYÒL** Financial aid available to those who qualify.





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

#### Program Content

- Refrigeration
- Fundamentals
- Tools and Components
- Basic Electricity, Circuit & Wiring
- Electric Motors
- Room and Central Air Conditioner
- Residential and Commercial
- Refrigeration
- Heating Recovery Systems & Heat Pumps
- Employability Skills and Safety

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### Program Outlook

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. The student should obtain EPA certification prior to leaving school in order to be employed in any job that requires work with refrigerants. Instruction includes a combination of classroom theory and practical experience. Students are eligible to join the Skills USA.

#### **尽** Length of Program

The average length of this program is 750 hours (approximately 7 months) for students attending on a full-time basis. Actual time is dependent upon enrollment status

basis. Actual time is dependent upon enrollment status (full-time/part-time) and the length of time the student requires to achieve competencies. This program contains three occupational completion points designed to prepare students for various jobs.

#### **7 Entrance Requirements**

Students must be at least 16 years old and not attending high school, application, and interview by a guidance counselor. Fees for supplies and textbooks are required.

