



MIAMI LAKES EDUCATIONAL CENTER AND TECHNICAL COLLEGE

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

➤ Our Vision, Mission and Core Values

VISION: The vision of Miami Lakes Educational Center and Technical College is to facilitate, promote and provide successful career training opportunities and high academic standards for secondary and postsecondary students designed to meet the challenges of an everchanging global economy.

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

MISSION: The mission of Miami Lakes Educational Center and 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.

THE SCHOOL BOARD OF MIAMI-DADE COUNTY, FLORIDA

Ms. Mari Tere Rojas, Chair

Ms. Monica Colucci, Vice-Chair

Mr. Roberto J. Alonso

Ms. Lucia Baez-Geller

Dr. Dorothy Bendross-Mindingall

Ms. Mary Blanco

Mr. Danny Espino

Dr. Steve Gallon III

Ms. Luisa Santos

Dr. Jose L. Dotres, Superintendent of Schools

M-DCPS does not discriminate on the basis of age, citizenship status, color, disability, ethnic or national origin, Family and Medical Leave Act (FMLA), gender, gender identity/stereotypes, genetic information, linguistic preference, marital status, political beliefs, pregnancy, race, religion, retaliation, sex, sexual harassment, sexual orientation, and social and family background 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 District 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@mdadeschools.net; Website: <http://hirdadeschools.net/civilrights>. The District also provides equal access to its facilities, as required by the Boy Scouts of America Equal Access Act.

ELECTRONIC SYSTEMS TECHNICIAN

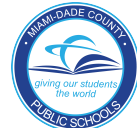
A FIELD THAT IS DIVERSE AND ON THE CUTTING EDGE



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

MIAMI LAKES EDUCATIONAL CENTER AND 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.



305.557.1100
MIAMILAKES.EDU

ELECTRONIC SYSTEMS TECHNICIAN

Program Objective

The mission of Electronic Technology program is to prepare individuals for employment as electronic technicians, or in related occupations in electronics.

Program Content

This program consists of theory and practical experiences dealing with the basic building blocks of all electronic circuitry. Program content includes Direct Current (DC), Alternating Current (AC), Solid State Devices (Discrete and Analog), Digital circuits, and an Introduction to Microprocessors. Theory, laboratory practices and measurement techniques, are combined with the use of schematic diagrams, soldering, assembly techniques and troubleshooting to give the student a complete preparation in Electronics. Human relations, employability skills, and safe and efficient work practices are also included. The program provides many hands-on and laboratory activities.

Students receive individualized instruction, as well as lectures, demonstrations, learning activity packages, interactive video activities and projects to be done in small groups at the discretion of the instructor, film strips, computer circuit simulation and videos are also used. Students advance at their own rate and may move through the competencies at a rate that allow him/her to derive the maximum from the instruction. The course/program training can be a good source of knowledge consolidation for persons previously or currently employed in these occupations.

Admission Requirements

- ▶ 16 years of age or older and not currently enrolled in any K-12 program
- ▶ Occupational Interest

Completion Requirements

The entire program is 900 hours, but students can earn a certificate upon completion of the following OCPs:

OCP	COURSE	HOURS
A	Electronic Assembler and DC Technician	150
B	Electronics Digital and Microprocessor Technician	150
C	Electronics AC Technician	150
D	Electronic Solid-State and Analog Technician	150
E	Electronic Systems and Equipment Technician	300

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

Students are expected to complete program competencies.

Employment Opportunities

- ▶ Electronic Technicians
- ▶ Field Service Engineers
- ▶ Engineering Assistants
- ▶ Related Occupations in Electronics

Salary

According to the Bureau of Labor Statistics the average earnings in 2023 for an Electrical or Electronics Installer were **\$64,120** annually or **\$30.83** 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)
- ▶ \$20.00 application fee per trimester
- ▶ Material fee - Varies by program
- ▶ Identification fee - \$5.00 per trimester
- ▶ Students must purchase books/kits and/or uniforms, if applicable

Program Hours

- ▶ Monday - Friday from 7:20 a.m. to 1:00 p.m.
- ▶ Tuesday, Wednesday, Thursday from 6:00 p.m. to 10:00 p.m.