



## 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.



# DIESEL SYSTEMS TECHNICIAN

HANDS-ON TRAINING SUPPORTED BY THEORY TO PREPARE QUALIFIED TECHNICIANS

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- 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**

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@ddadeschools.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.

# DIESEL SYSTEMS TECHNICIAN

## Program Objective

The objective of the Diesel Systems Technician program is to prepare students for employment in a wide variety of diesel related occupations as entry level Diesel Technicians.

## Program Content

This program offers a sequence of courses that provide challenging academic standards and relevant technical knowledge and skills needed to prepare for a career pathway in Transportation. The content includes, but is not, limited to maintaining and repairing diesel engines and electrical systems, working on brakes, HVAC, drive train, and performing diesel engine preventive maintenance.

## 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 1800 hours, but students can earn a certificate upon completion of the following OCPs:

OCP	COURSE	HOURS
A	Diesel Engine Mechanic/ Technician Helper	150
B	Diesel Electrical and Electronics Technician	300
C	Diesel Engine Preventative Maintenance Technician	150
D	Diesel Engine Technician	300
E	Diesel Brakes Technician	300
F	Diesel Heating and Air Conditioning Technician	150
G	Diesel Steering and Suspension Technician	150
H	Diesel Drive Train Technician	150
I	Diesel Hydraulics Technician	150

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

**Students are expected to complete program competencies.**

## Employment Opportunities

- ▶ Diesel Technician
- ▶ Heavy Duty Parts and Service Advisor

Working in many diesel related industries such as boats, trucks, buses, cars, ships, trains, heavy equipment, farm equipment, power generation and landscaping equipment.

## Salary

According to the Bureau of Labor Statistics the average earnings in 2023 for Diesel Systems Technician were **\$56,900** 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](http://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 - Thursday from 8:00 a.m. to 1:40 p.m.