

OBAP MIAMI ACE ACADEMY ACE ACADEMY 2023



DATE: JUNE 26TH - JULY 1ST



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About the OBAP Miami ACE Academy

The Organization of Black Aerospace Professionals ACE Academy is a nationally recognized program co-sponsored by the Federal Aviation Administration. (FAA) and the National Black Coalition of Federal Aviation Employees (NBCFAE).

The purpose of Aviation Career Education (ACE) is to offer first level exposure to the aviation industry by providing aviation career exploration for middle and high school students. Academy participants learn about aviation history, theory of flight, and other aviation related subjects. Students will have the opportunity to go on field trips to aviation facilities, museums and participate in other hands-on activities designed to give students a total aviation experience.

Overview

The Miami ACE program is designed to expose youth to the wide variety of career opportunities in aviation. The goal is to provide an opportunity for students to receive hands-on experience of learning about the history of aviation, contributions made by minorities in aviation, fundamentals of aerodynamics, the role of government in aviation, and the many careers available in the aviation industry. It is also designed to help students understand the importance of education and how it relates to various aviation and aerospace careers. Students will also experience the joy of flight by flying in the right seat of an aircraft.

Students will meet Aviation Professionals and participate in field trips to a variety of aviation facilities and educational institutions.

Activities

As a member of Miami ACE Academy, you will:

- Take an orientation flight in a Cessna or Piper aircraft
- Receive introductory aviation education
- Take field trips to different aviation-related facilities
- Be introduced to aviation history
- Fly a full-motion flight simulator, when available
- Learn the qualities of leadership
- Associate and work with other youth
- Meet professionals from the aviation community
- Operate unmanned aerial systems and remote-control vehicles, when available

Admission Requirements

Admission is offered to boys and girls from 13 to 18 years old who have an interest in learning about aviation and aerospace. Students must be physically capable of participating in all activities.

- High standards of behavior and self-discipline are expected, and students must abide by all academy regulations.
- Parents or guardians must attend an orientation before programs begin.

Location

Florida Memorial University

15800 NW 42nd Ave, Miami Gardens, FL 33054

Contact Information

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Date	Time	Activity
Monday June 19 th	1800 – 1900	Parent / Guardian Brief
Monday June 26 th	0730 – 0800	Breakfast and Students arrival
	0800 – 0830	Welcome & Safety Briefing & Group Photo
	0830 – 0900	General Knowledge Assessment I
	0900 – 1000	Lesson: History of Flight/Pioneers in Aviation Brief
	1000 – 1015	Brain Break
	1015 – 1115	Speaker #1
	1115 – 1215	Presentation
	1215 – 1315	Lunch Break
	1330 – 1530	Flight Simulator Lab
	1545 – 1630	Daily Wrap-up
	1630	Dismissal
Date	Time	Activity
Tuesday	0730 – 0800	Breakfast and Students arrival

June 27th	0800 – 0815	Welcome/ Safety Briefing
	0815 – 1015	Glider Build Project
	1015 – 1030	Brain Break
	1030 – 1130	Speaker #1
	1130 – 1230	Lesson: Aircraft Structures and Components
	1200 – 1300	Lunch Break
	1345 – 1445	Speaker #2
	1445 – 1500	Brain Break
	1500 – 1600	Lesson: Aerodynamics of Flight/ Phonetic Alphabet
	1600 – 1630	Q & A / Daily Wrap-up and Dismissal
Date	Time	Activity
Wednesday June 28th	0730 – 0815	Breakfast and Students arrival
	0815 – 0900	Transportation to Miami International Airport
	0900 – 1500	American Airlines Facility tour
	1500 – 1530	Q & A
	1530 – 1630	Transportation to FMU
	1630 - 1700	Daily Wrap-up and Dismissal

**Thursday
June 29th**

0730 – 0815	Breakfast and Students arrival
0815 – 0900	Transportation to site
0900 – 1045	<i>SIMULATOR FACILITY TOUR... (TBD)</i>
1045 – 1100	Transportation to site
1100 – 1300	<i>SIMULATOR FACILITY TOUR... (TBD)</i>
1300 – 1340	Lunch Break
1345 – 1430	Travel Back to FMU
1430 - 1600	Tower & Radar Simulator
1600 – 1630	Q & A / Daily Wrap-up and Dismissal

Date

Time

Activity

Friday

June 30th

0730 – 0800	Breakfast and Students arrival
0815 – 0930	Speaker/ Presentation
0930 – 0945	Transportation to USCG
1000 – 11:30	U.S. Coast Guard Facility Tour

	11:30 – 1200	Lunch Break
	12:00 – 1330	Base Tour
	1330 – 1345	Transportation to FMU
	1400 – 1500	Glider Build, Final Prep.
	1500 – 1600	Test Runs, Tweaks / Final Glider Test Flight
	1600 – 1630	Q & A / Daily Wrap-up and Dismissal

Date	Time	Activity
Saturday July 1st	0800-0815	Arrival at Signature Flight Support, Opa-locka Airport
	0815-0915	Welcome/ Safety & Pre-Flight Briefing
	0915-1315	Discovery Flights
	1330-1430	Graduation and Awards
	1430-1500	Wrap-up and Dismissal

Important Notes

Student Drop-off and Pickup. Students will need to be dropped-off and picked-up daily at the Florida Memorial University. Please see the address below.

Miami OBAP Aerospace Career Education (ACE) Academy
Florida Memorial University
15800 N.W 42nd Avenue
Miami Gardens, Florida 33054

Nearby Hotels*Miami Lakes Hotel*

6842 Main Street, Main Street Shopping Center, Miami Lakes, FL 33014

(2.7 Miles Away)

Hampton Inn & Suites Miramar

0990 Marks Way, Miramar, FL 33025

(4.2 Miles Away)

Stadium Hotel

21485 NW 27th Avenue, Miami Gardens, FL 33056

(4.0 Miles Away)

Sonesta Select Miami Lakes

15700 NW 77th Court, Miami Lakes, FL 33016

(3.6 Miles Away)

Discovery Flight & Graduation Ceremony

A graduation ceremony will be held on Saturday, July 1st at the Signature Flight Support, Opa Locka Airport at approximately 1:30pm after the discovery flights. Parents & Guardians, you are welcome to attend the ceremony.

Address: 5001 NW 42nd Ave, Opa-locka, FL 33054