

# OBAP SPACE ACE ACADEMY ACE ACADEMY 2024



DATE: JUNE 12TH-15TH



## **About the OBAP HOUSTON SPACE 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 HOUSTON SPACE 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 HOUSTON SPACE 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, aerospace and space 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 11 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**

Lone Star Flight Museum

11551 Aerospace Ave, Houston, TX 77034

**Contact Information**

Jean Olivier Mbog

Houston SPACE ACE Academy Director

[jmbog@obap.org](mailto:jmbog@obap.org)

Ph: (xxx) xxx-xxxx (Do Not Share)

Date	Time	Activity
<b>Sunday May 26th</b>	1800 – 1900	Students/Parents/Guardians Brief & Orientation ( <i>Recommend to attend</i> ) - Virtual
<b>Wednesday June 12th</b>	0800 – 0845	Welcome/General Safety Briefing/Meet the Team Introduction/Ice Breaker Exercise
	0845 – 0900	Break
	0900 – 0945	Lesson 1: History of SPACE & Pioneers
	0945 – 1000	Break
	1000 – 1045	Lesson2: Human in SPACE
	1100 – 1200	Lunch
	1200 – 1245	Guest speaker 1: TBD
	1300 – 1500	Workshop 1: Embark into Mars mission (Group exercise)

	1530	Daily Wrap-up and Dismissal
<b>Date</b>	Time	Activity
<b>Thursday June 13th</b>	0800 – 0815	Daily Review
	0815 – 0900	Guest speaker 2: TBD
	0930 – 1130	Workshop 2: Embark into Mars mission (Group exercise)

	1130 – 1230	Lunch
	1300 – 1430	Field trip 1: TBD
	1500 – 1600	College & Career Readiness
	1600 – 1700	Etiquette preparation
	1730 – 1900	Etiquette Dinner
<b>Date</b>	Time	Activity
<b>Friday June 14th</b>	0800 – 0815	Daily Review
	0830 – 1200	Field trip 2: TBD
	12:30 - 1500	Field trip 3: TBD
	1500 - 1600:	Group Presentation
	1600	Daily Wrap-up and Dismissal

**Saturday June 15th**

0800 – 0900 Graduation ceremony

0900 – 1500	Flying adven
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**Important Notes**

Student Drop-off and Pickup. Students will need to be dropped-off and picked-up daily at the HOUSTON SPACE ACE Academy Location. Please see the address below.

Lone Star Flight Museum

11551 Aerospace Ave, Houston, TX 77034

**Graduation Ceremony**

A graduation ceremony will be held on Saturday, June 15<sup>th</sup> at the Lone Star Flight Museum

11551 Aerospace Ave, Houston, TX 77034 at 8:00am

. Parents & Guardians, you are welcome to attend the ceremony.