

OBAP SACRAMENTO ACE ACADEMY 2023



DATE: **JUNE 26TH – 30TH**



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About the OBAP Sacramento 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 **Sacramento** 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 **Sacramento** 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

Address of ACE Academy Location

Contact Information

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Date	Time	Activity
Monday June 26th	0800 – 0900	Welcome/General Safety Briefing/Meet the Team Introduction/Ice Breaker Exercise
	0900 – 0915	Break
	0915 – 0930	Walk to Sac City
	0930 – 1130	Sac City Hanger Tour and Presentation
	1130 – 1145	Walk back to Museum
	1145 – 1245	Lunch
	1245 – 1345	Aerospace Museum Scavenger Hunt
	1345 - 1400	Break
	1400 – 1500	Flight Zone
	1500 - 1515	Break
	1515 - 1615	Rocket Building
	1615-1630	Daily Wrap-up and Dismissal

Date	Time	Activity
Tuesday June 27th	0800 – 0815	Check In and Daily Review
	0815 – 0915	Rocket Building
	0915 – 1015	NorCal Field Trip 11365 Douglas Rd. Mather, CA 95655
	1015– 1230	NorCal TRACON Tour
	1230 – 1330	Lunch
	1330 – 1430	Cal OES (Office of Emergency Services)
	1430 – 1500	Return to Aerospace Museum
	1500 – 1600	History of Flight and Pioneers in Aviation
	1600	Daily Wrap-up and Dismissal
Date	Time	Activity
Wednesday June 28 th	0800 – 0815	Check in and Daily Review
	0815 – 0900	Rocket Building
	0900 - 0945	Sacramento Airport Field Trip Dropoff Lower Level Southwest Airlines Baggage Claim East side Meet at Baggage Claim
	0945 - 1300:	Airport Tour and Demonstrations (Drug Dog, Ticketing, TSA, and Aircraft Tour)

	1300 - 1400:	Lunch
	1400 - 1445:	Return to Aerospace Museum
	1445 - 1500:	Break
	1500 - 1600:	Aircraft components and instruments
	1600	Daily wrap up and Dismissal
Thursday June 29th		
	0800 – 0815	Check in and Daily Review
	0815 – 0900	Rocket Building
	0900 – 0915	Walk to Coast Guard
	0915 – 1200	US Coast Guard Briefing and Presentation
	1200 – 1245	Lunch
	1245 - 1300	Transportation to McClellan Nuclear Research Center
	1300 – 1500	UC Davis Nuclear Center Presentation and Experiments
	1500 - 1515	Return to Aerospace Museum
	1515 - 1600	Rocket Building
	1600	Daily Wrap up and Dismissal

Date	Time	Activity
Friday June 30 th	0730 – 0800	Daily Review and Check in
	0800 – 1200	Discovery Flights
	1200 – 1230	Return to Aerospace Museum
	1230 - 1330	Lunch
	1330 – 1430	Rocket Launching
	1430 - 1445	Break
	1445-1600	Graduation and Closing Remarks

Important Notes

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

Aerospace Museum of California
3200 Freedom Park Dr.
McClellan Park, CA 95652

Graduation Ceremony

A graduation ceremony will be held on Friday, June 29th at the Aerospace Museum of California at 2:45 pm.. Parents & Guardians, you are welcome to attend the ceremony.