

OBAP Los Angeles ACE ACADEMY ACE ACADEMY 2024



DATE: JULY 8TH-12TH



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About the OBAP Los Angeles 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 Los Angeles ACE Academy 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 Los Angeles 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

Aviation Tech Complex
West Los Angeles College
9000 Overland Avenue
Culver City, CA 90230
(across from the football field)

Contact Information

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| Date | Time | Activity |
|--------------------|-------------------|--|
| Friday July 5th | 1800 – 1900 | Parent/Guardian Brief via Zoom |
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| Monday July 8th | All times are TBD | Welcome/General Safety Briefing/Meet the Team Introduction/Ice Breaker Exercise |
| | | Guest Speakers |
| | | Lesson: History of Flight & Pioneers in Aviation |
| | | Principles of Flight |
| | | Principles of Flight Test |
| | | Demonstration of the Principles of Flight: Drones, Glider, Interactive Hand-On Demo |
| | | Wheel of Fortune/Jeopardy “Aviation Edition” |
| | | Various Breaks and Lunch |
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| Date | Time | Activity |
|------------------------|-------------------|--|
| Tuesday July 9th | All times are TBD | Daily Review |
| | | Military Day |
| | | Breakfast Transportation to JFTB Los Alamitos -Static Displays -Lunch -Coast Guard Demonstration -Military ATC Transportation to West L.A. College |
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| Date | Time | Activity |
| Wednesday July 10th | All times are TBD | Daily Review |
| | | Travel to Hawthorne or Torrance Airport |
| | | Tour of SpaceX or Relativity Rocket -ATC Tower Tour at Long Beach or Hawthorne |

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| | | Return to West LA College American Airlines Maintenance Demo Hands on APU Demo AA Panel AA Virtual Maintenance (3D Goggles) |
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| Thursday July 11th | All Times are TBD | Airport Day Presented by American Airlines |
| | | Transportation to LAX Terminal 4 |
| | | Ground Facilities Tour (Ramp) |
| | | Aircraft Tour |
| | | Flight Attendant Panel |

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| | | Admirals Club Tour |
| | | Maintenance Hangar and Parts/Tool Shop |
| | | Return to West LA College |
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| Date | Time | Activity |
|---------------------|-------------------|---|
| Friday July 12th | All times are TBD | Daily Review |
| | | West LA College A&P Maintenance Course Overview |
| | | Transportation Compton Airport and Museum of Tomorrow |
| | | EAA Young Eagles/ Fly Compton flights |
| | | Graduation Ceremony |
| | | Transportation Back to West LA College |
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Important Notes

Schedule subject to change due to availability

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

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West Los Angeles College
9000 Overland Avenue
Culver City, CA 90230
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Nearby Hotels**Graduation Ceremony**