

OBAP DOVER ACE ACADEMY 2023



DATE: JUNE 19TH – 23RD



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About the OBAP Dover ACE Academy

U.S. AIR FORCE

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 Dover 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 Dover 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

Delaware State University flight operations

127 Durham Ln, Dover, DE 19904

Contact Information

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Dover ACE Academy Director

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Assistant Directors' Name

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Date	Time	Activity
Sunday June 18th	1800 – 1900	Parent/Guardian Brief
Monday June 19th	0800 – 0845	Welcome/General Safety Briefing/Meet the Team Introduction/Ice Breaker Exercise
	0845 – 0900	Break
	0900 – 0945	Tour of DSU Flight Training Center
	0945 – 1000	Break
	1000 – 1100	Lesson: History of Flight & Pioneers in Aviation Lesson
	1100 – 1200	Lunch
	1200 – 1300	Lesson: Aircraft Structure & Components
	1300 – 1345	Phonetic Alphabet/FAA Signage and Airport Markings
	1345 – 1400	Break
	1400 – 1515	Aerospace Careers & Scholarships & Confirm Student Membership
	1515 – 1530	Daily Wrap-up and Dismissal

Date	Time	Activity
Tuesday June 20th	0800 – 0815	Daily Review
	0815 – 0915	Lesson: Aircraft Flight Instruments
	0915 – 0930	Break
	0930 – 0915	(Play “How Air Traffic Control Works” video)
	0915-1030	ATC activity
	1030-1200	Drone Activity
	1200-1300	Lunch
	1300 - 1515	Helicopter fly in
	1515-1530	Daily Wrap-up and Dismissal
Date	Time	Activity
Wednesday June 21st	0800 – 0815	Daily Review
	0815 – 0900	Travel to the US Air Force DAFB
	0900 - 1100	US Air Force Base Tour
	1100 - 1200	US Air Force DAFB Lunch Troup
	1200-1230	Travel to sim

	1230 - 1430:	C-17 simulator
	1430-1515:	Travel to DSU
	1515-1530	Daily Wrap-up and Dismissal
Thursday June 22nd	0800 – 0815	Daily Review
	0815 – 1000	Travel to Dover AFB/PHL Airport
	1000-1400	C-17 Flight/ PHL operations Tour
	1400-1515	Travel to DSU
	1515-1530	Daily Wrap-up and Dismissal

Date	Time	Activity
Friday June 23rd	0800 – 0815	Daily Review
	0815 – 0830	Flight Brief
	0830 – 1200	Discovery flight
	1200-1300	Lunch
	1300-1430	Discovery flight
	1430 - 1530	Graduation Ceremony

Important Notes

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

Delaware State University flight operations
 127 Durham Ln, Dover, DE 19904

Nearby Hotels

Graduation Ceremony

A graduation ceremony will be held on Friday, June 23rd at the DSU Flight Training Center at 3:30pm. Parents & Guardians, you are welcome to attend the ceremony.

