

Hellenic Aviation Summer School



SUMMER 2025 - ATHENS

Module I: Fundamentals of Aviation

Description:

The **Hellenic Aviation Summer School** is structured as a STEAM (Science Technology Engineering, Arts, Math) academic offering that aims to inspire, engage and educate high school students ages 13-17, in science and technology through applied knowledge of aviation. The program utilizes a series of hands-on, inquiry-based activities delivered through classroom and practicum modalities. These activities encompass applied knowledge of seven key areas within aviation: aerodynamics, aircraft design and systems; flight operations; air traffic management; airport operations; history; and careers. The program is offered by Athens International Airport, Fraport Greece, New England Aeronautical Institute, Metropolitan College and Global Aviation SA with the aegis of the Hellenic Civil Aviation Authority on the following dates: 23-27 June 2025 (Athens at Hellenic Civil Aviation Authority headquarters and Eleftherios Venizelos international airport), 30 June - 4 July 2025 (Thessaloniki at Makedonia international airport), 3 July 2025 (Rhodes at Diagoras international airport), 4 July 2025 (Chania at I. Daskalogiannis international airport), and 30 June - 2 July (Larissa at Hellenic Tactical Air Force Command headquarters).

Module Description - Fundamentals of Aviation:

This module covers the fundamental elements of air transport operations, including airlines, airports, and air traffic management operations. In addition, students get exposed to career paths within the air transportation industry. At the conclusion of the module students will be able to describe the fundamental elements of the air transportation system and the manner which they connect with each other toward its safe and efficient operation.

Practical Information:

Language of Instruction: Greek.

Tuition: Free of charge. Certificate of Completion at graduation.

Dates: 23 - 27 June 2025.

Times: 10 am to 4:15 pm on a typical day or as indicated. Lunch is provided.

Venue: Eleftherios Venizelos international airport and practicum sites: Athens International Airport, Megara General Aviation Airport, and Tatoi Airforce Base.

Academic Credit: Three hours of academic credit upon request, through the New England Aeronautical Institute (New Hampshire, USA) at a charge of Euro 300.

ΤΟ ΠΡΟΓΡΑΜΜΑ ΠΡΟΣΦΕΡΕΤΑΙ



ΥΠΟ ΤΗΝ ΑΙΓΙΔΑ





ITINERARY: ATHENS

Day 1:

Introduction to Air Transportation Operations - 23 June 2025

- 10:00 am:** Gathering at Sofitel, Athens International Airport and Registration.
- 10:15 am:** Welcome and Orientation to the Hellenic Aviation Summer School, Module I.
- 10:30 am:** Lecture on Air Transport Operations.
- 01:00 pm:** Break for Lunch (provided).
- 01:45 pm:** Lecture on Air Traffic Management.
- 04:15 pm:** End of Academic Day.

Day 2:

Air Transportation Operations Practicum at Athens International Airport hosted by AIA - 24 June 2025

- 10:00 am:** Gathering at Sofitel, Athens International Airport. Briefing on the Plan for the Day.
- 10:30 am:** Practical training on Check-in operations, Baggage Handling System, Environmental management, Fire and Rescue operations, Air Traffic Management operations, Airport System Operations Control, and Crisis Management Center operations.
- 01:15 pm:** Break for Lunch (provided).
- 02:00 pm:** Visit of Aegean Airlines and guided tour focusing on observation of training and aircraft maintenance activities.
- 04:15 pm:** End of Academic Day.

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ΥΠΟ ΤΗΝ ΑΙΓΙΔΑ



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Day 3:

Fundamentals of Aerodynamics - 25 June 2025

10:00 am: Gathering at Sofitel, Athens International Airport.

10:30 am: Lecture on Flight Dynamics I.

01:00 pm: Break for Lunch (provided).

01:45 pm: Lecture on Flight Dynamics II.

04:15 pm: End of Academic Day.

Day 4:

Flight Operations Practicum at Megara General Aviation Airport hosted by Global Aviation - 26 June 2025

10:00 am: Gathering at Sofitel - Athens International Airport. Briefing on the Plan for the Day.

10:15 am: Departure for Megara general aviation airport via private bus.

11:15 am: Arrival at Megara general aviation airport welcome by Global Aviation staff and escort to the classroom.

12:00 pm: Practical training on aircraft maintenance and flight simulation rides.

01:30 pm: Break for Lunch (provided).

02:00 pm: Practical training on aircraft maintenance and flight simulation rides.

03:30 pm: End of Academic Day and transfer back to Athens International Airport, Sofitel Hotel at 04:15pm.

ΤΟ ΠΡΟΓΡΑΜΜΑ ΠΡΟΣΦΕΡΕΤΑΙ



ΥΠΟ ΤΗΝ ΑΙΓΙΔΑ



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Day 5:

History and Careers in Aviation and Graduation - 27 June 2025

- 10:00 am:** Gathering at Sofitel - Athens International Airport. Briefing on the Plan for the Day.
- 10:15 am:** Departure for Tatoi Military airport via private bus.
- 11:00 am:** Arrival at Tatoi Military airport, welcome by staff and initial briefing.
- 11:30 am:** Visit and Guided Tour of the Aviation Museum.
- 12:30 am:** Visit and Tour of The Hellenic Airforce Academy and Flight Engineers Academy.
- 02:00 pm:** Departure and transfer back to Athens International Airport, Sofitel Hotel.
- 02:30 pm:** Lunch, Conclusions and Graduation.
- 04:15 pm:** End of Academic Day.

ΤΟ ΠΡΟΓΡΑΜΜΑ ΠΡΟΣΦΕΡΕΤΑΙ



ΥΠΟ ΤΗΝ ΑΙΓΙΔΑ

