

Hellenic Aviation Summer School



SUMMER 2025 - THESSALONIKI

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.

Dates: 01 - 02 July 2025.

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

Venue: Main Terminal at Makedonia International Airport (initial meeting place: Starbucks, Departures, External Area, T1).

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: THESSALONIKI

Day 1:

Fundamentals of Air Transport Operations and Practicum - 01 July 2025

- 10:00 am:** Gathering at Starbucks (Departures, External Area, T1).
- 10:15 am:** Escorting of students by Fraport staff to the classroom.
- 10:30 am:** Orientation to the Hellenic Aviation Summer School.
- 11:00 am:** Lecture on Air Transport Operations and Airport Operations.
- 02:00 pm:** Break for Lunch (provided) and preparation for practical training.
- 02:30 pm:** Practical training on Check-in operations, Baggage handling system, Fire and Rescue operations, Air Traffic Management operations, and Airport Operations Control.
- 04:00 pm:** End of Academic Day.

Day 2:

Flight Dynamics, Careers in Aviation, and Graduation - 02 July 2025

- 10:00 am:** Gathering at Starbucks (Departures, External Area, T1).
- 10:15 am:** Escorting of students by Fraport staff to the classroom.
- 10:30 am:** Lecture on Flight Dynamics.
- 02:00 pm:** Break for Lunch.
- 02:30 pm:** Discussion on Aviation Careers.
- 04:00pm:** Conclusions, Graduation, and End of Academic Day.

ΤΟ ΠΡΟΓΡΑΜΜΑ ΠΡΟΣΦΕΡΕΤΑΙ



ΥΠΟ ΤΗΝ ΑΙΓΙΔΑ

