

Hellenic Aviation Summer School



SUMMER 2023

Description:

The **Hellenic Aviation Summer School** is structured as a STEM (Science Technology Engineering 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 five key areas within aviation: aerodynamics, aircraft design and systems; flight operations; air traffic management; airport operations; and careers. The program is offered by Athens International Airport and Fraport Greece with the academic supervision of Metropolitan College and the support of Global Aviation SA on the following dates 10-14 July 2023 (Athens at Eleftherios Venizelos international airport) and 19-20 July (Thessaloniki at Macedonia international airport).

Practical Information:

Language of Instruction: Greek.

Tuition: Free of charge.

Dates: 10 - 14 July, 2023, Athens.

Times: 10 am to 5 pm on a typical day or as indicated. Lunch is provided.

Venue: Metropolitan College, Athens Downtown Campus (42 Akadimias Street, 10672, Athens, Metro Stop: Panepistimio) and practicum sites: Athens International Airport and Megara General Aviation Airport.

Credit: Certificate of Completion upon graduation.

ΤΟ ΠΡΟΓΡΑΜΜΑ ΠΡΟΣΦΕΡΕΤΑΙ



ΑΚΑΔΗΜΑΪΚΗ ΕΠΙΜΕΛΕΙΑ



ΜΕ ΤΗΝ ΥΠΟΣΤΗΡΙΞΗ





ITINERARY: ATHENS

Day 1:

Fundamentals of Air Transportation - July 10, 2023

- 10:00am:** Gathering at Metropolitan College, Athens Downtown Campus (42 Akadimias Street, 10672, Athens).
- 10:15am:** Welcome and Orientation to the Hellenic Aviation Summer School.
- 10:30am:** Lecture on Air Transport Operations:
Dr. Triant Flouris, Metropolitan College
- 12:30pm:** Break for Lunch (provided).
- 01:30pm:** Lecture on Airport Operations:
Dr. Triant Flouris, Metropolitan College
- 03:30pm:** End of Academic Day.

Day 2:

Air Transportation Practicum at Athens International Airport hosted by AIA - July 11, 2023

- 10:00am:** Gathering at Metropolitan College, Athens Downtown Campus (42 Akadimias Street, 10672, Athens) and briefing on the Plan for the Day.
- 10:30am:** Departure for Athens International Airport via private bus.
- 11:00am:** Arrival at Athens International Airport, welcome by airport staff and initial briefing.
- 11:30am:** 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.
- 01:30pm:** Break for Lunch (provided).
- 02:30pm:** Visit of Aegean Airlines and guided tour focusing on observation of preflight activities and aircraft maintenance activities.
- 04:30pm:** Return to Downtown Athens.
- 05:00pm:** End of Academic Day.

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ΚΟΛΛΕΓΙΟ



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Day 3:

Fundamentals of Aerodynamics - July 12, 2023

10:00am: Gathering at Metropolitan College, Athens Downtown Campus (42 Akadimias Street, 10672, Athens).

10:30am: Lecture on Flight Dynamics I:
Mr. Nikitas Samprakos, Global Aviation SA

12:30pm: Break for Lunch (provided).

01:30pm: Lecture on Flight Dynamics II.
Mr. Nikitas Samprakos, Global Aviation SA

03:30pm: End of Academic Day.

Day 4:

Flight Operations Practicum at Megara General Aviation Airport hosted by Global Aviation – July 13, 2023

10:00am: Gathering at Metropolitan College, Athens Downtown Campus (42 Akadimias Street, 10672, Athens) and briefing on the Plan for the Day.

10:30am: Departure for Megara general aviation airport via private bus.

11:30am: Arrival at Megara general aviation airport welcome by Global Aviation staff and escort to the classroom.

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

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

02:30pm: Practical training on aircraft maintenance and flight simulation rides.

04:00pm: Return to Downtown Athens.

05:00pm: End of Academic Day.

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ΑΚΑΔΗΜΑΪΚΗ ΕΠΙΜΕΛΕΙΑ



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Day 5:

Key Issues and Careers in Aviation and Graduation - July 14, 2023 Sofitel, Athens International Airport, Callisto Room

- 10:00am:** Gathering at Metropolitan College, Athens Downtown Campus (42 Akadimias Street, 10672, Athens).
- 10:15am:** Departure for Athens International Airport via private bus*.
- 11:15am:** Keynote Address:
Ms. Ioanna Papadopoulou, Athens International Airport.
- 11:30am:** Fireside Chat on key issues and careers in aviation:
Ms. Olga Toki, Hellenic Civil Aviation Authority
Mr. Alexandros Tsaktanis, Global Aviation SA
Ms. Maria Zervoudi, Fraport Greece
Dr. Triant Flouris, Metropolitan College - Moderator.
- 12:30pm:** Conclusions and Graduation.
- 01:00pm:** End of Academic Day and Return to Downtown Athens for those that came by bus.
- 02:00pm:** Bus Arrival at Akadimias 42.

**Alternatively, students and their parents may go directly to the venue of the event, Sofitel Airport, Callisto Room.*

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ΑΚΑΔΗΜΑΪΚΗ ΕΠΙΜΕΛΕΙΑ



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