What is a e-Summer Camp?
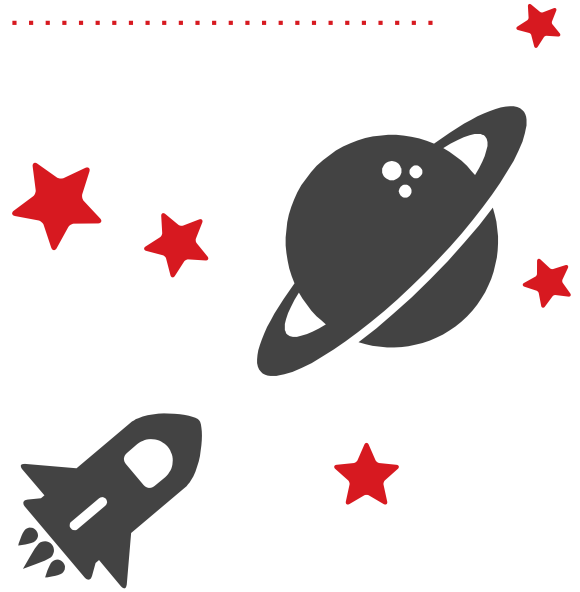
The e-Summer Camp is a programme designed for high school students to give them an insight about the Aviation Industry and the prospects of becoming an Aeronautical / Aerospace / Avionics Engineer.

Aim

To provide academic and application based activities related to the aviation engineering industry to high school students.
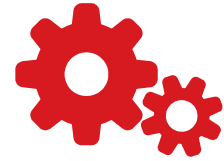
Objective for the Students

- To have a basic understanding of aeronautical / avionics engineering subjects.

- To conduct basic mechanical, electrical simulation based experiments.

- To apply classroom knowledge to educational activities

Eligibility

- High school students aged 17-19 years [11th & 12th grade]

- Students with STEM background

- Minimum grade requirement in Physics and Mathematics

When And Where

Summer Camp will run for an entire month in 4 sessions.

4th to 8th
July

11th to 15th
July

25th to 29th
July

1st to 5th
August

Session 1

Session 2

Session 3

Session 4

All summer camp sessions and activities will be held online via interactive platforms.

Academic Subjects

CNC / 3-D Printing

Flight Instruments

Aerodynamics / Flight Mechanics / Wind tunnel

Electrical & Electronic Principles

Simulations

- Multisim to study electrical and electronic circuits

- ANSYS to study computational fluid dynamics

- AutoCAD to study CNC and 3D printing designs

- MATLAB to analyse flight control systems

Registration

- Deadline for registration is **15:30 on 15 June 2021**.

- Summer Camp is limited to students of grade 11 & 12.

- Registration fees: **AED 500** per participant.

- To register please email **aviationcamp@eau.ac.ae**

- **Participants of the e-Summer Camp will receive AED 10,000 discount on tuition fees when joining one of our programmes**

Contact Us

For more information, please contact Mr. Ala Eddine Ajengui

- Telephone: **04 605 0242**

- Email: **aviationcamp@eau.ac.ae**

- Location: **Emirates Aviation University, Academic City, Dubai**

e-Summer Camp 2021

Day / Time	08:00 / 09:00	09:00 / 10:15	10:15 / 10:40	10:40 / 12:30	12:30 / 13:00	13:00 / 14:15	14:15 / 15:00
Sunday	ORIENTATION	Electrical & Electronic Principles Lecture	Short Break	Multisim Instructor Led Task	Long Break	Buildsome w/ Multisim Challenge	-
Monday	-	3D Printing / CNC Lecture	Short Break	AutoCAD Instructor Led Task	Long Break	Rad AutoCAD Challenge	-
Tuesday	-	Aerodynamics / Wind Tunnel Lecture	Short Break	ANSYS Instructor Led Task	Long Break	Flow w/ ANSYS Challenge	-
Wednesday	-	Flight Control Systems Lecture	Short Break	Matlab Instructor Led Task	Long Break	Matlab Mania Challenge	-
Thursday	-	The Final Showdown Challenge Preperation			Long Break	The Final Showdown	CLOSING CEREMONY