



emirates
aviation
university



THE EMIRATES GROUP

e-SUMMER CAMP 2020



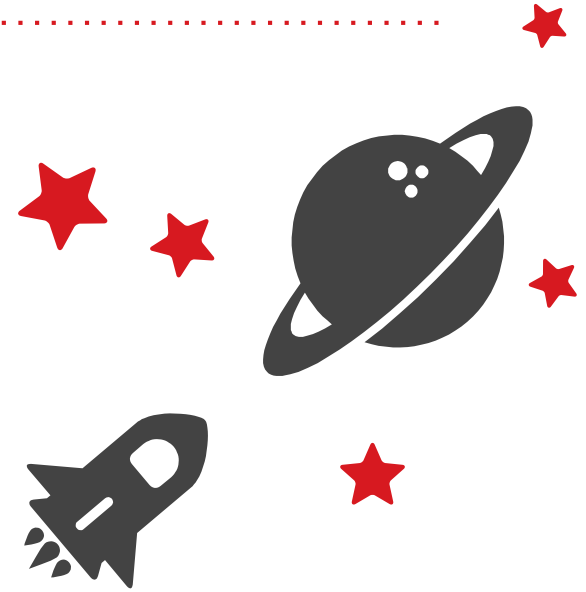


What is a **e-Summer Camp**?

The e-Summer Camp will be a program designed for high school students in order to educate them about the Aviation Industry and the possibilities as an Aeronautical / Aerospace / Avionics Engineer.

Aim

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





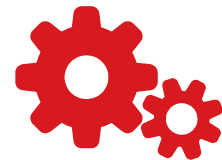
Objective for the Students

- To have a basic understanding of aeronautical / avionics engineering subjects.
- To have conducted basic mechanical, electrical simulation based experiments.
- To have applied classroom knowledge to educational activities.



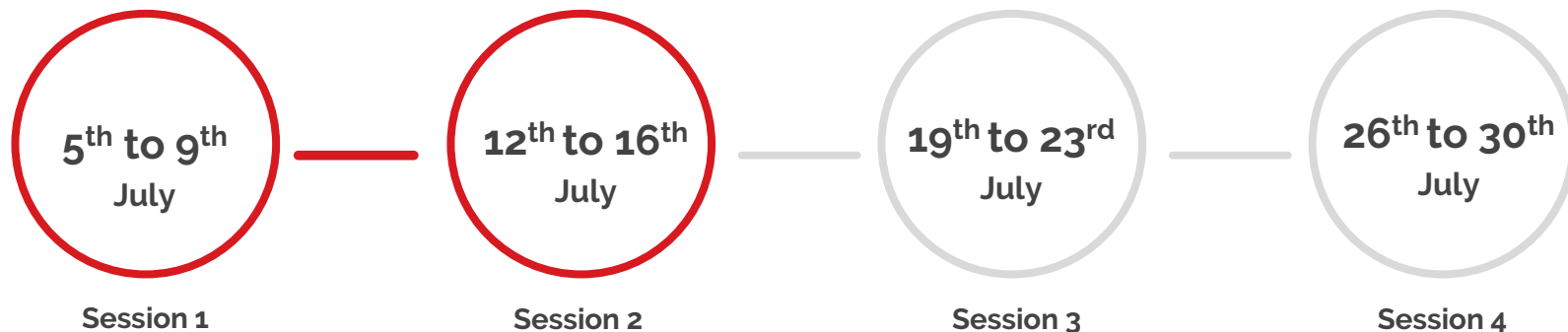
Eligibility

- 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 the entire month of July, 2020 [5th to 30th July]



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

Academic Subjects



CNC / 3-D
Printing

Flight
Instruments

Aerodynamics
/ Flight
Mechanics

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 2020**.
- Summer Camp is limited to students of grade 11 & 12.
- Registration fees: **AED 500** per participant.
- To register please complete the registration form and send it to 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 Ms. Anadika Baghel -

- Telephone: **04 605 0142**
- Email: **aviationcamp@eau.ac.ae**
- Location: **Emirates Aviation University,
Academic City, Dubai**



Day / Time	09:00	09:45	10:00	11:00	11:30
	09:45	10:00	11:00	11:30	13:00
Sunday	Electrical & Electronic Principles Lecture	Short Break	Multisim Instructor Led Task	Long Break	Multisim Group Task
Monday	Aerodynamics Lecture	Short Break	ANSYS Instructor Led Task	Long Break	ANSYS Group Task
Tuesday	3D Printing / CNC Lecture	Short Break	AutoCAD Instructor Led Task	Long Break	AutoCAD Group Task
Wednesday	Flight Control System Lecture	Short Break	MATLAB Instructor Led Task	Long Break	MATLAB Group Task
Thursday	Group Project Presentation	Short Break	Group Project Presentation	Long Break	Group Project Presentation