



emirates
aviation
university



**e-WINTER
CAMP
2020**





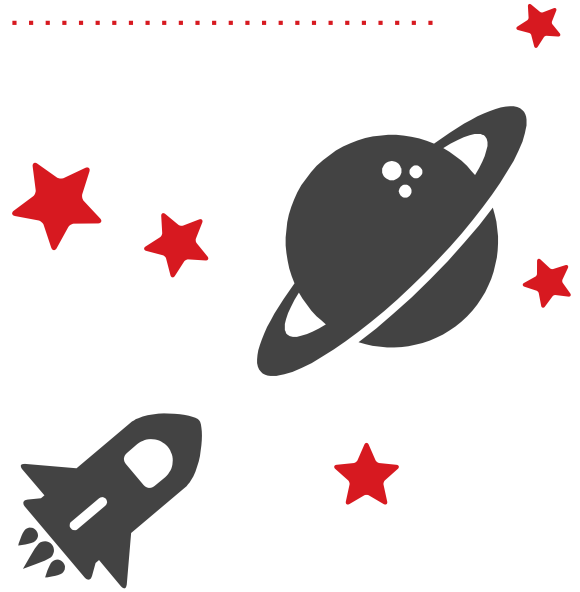
What is a **e-Winter Camp**?

The e-Winter Camp is a 5-day program designed for high school students who are eager to learn more about the aviation industry and how to become an aeronautical/aerospace/avionics engineer.



Aim

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





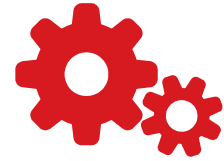
Objective for the Students

- 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.



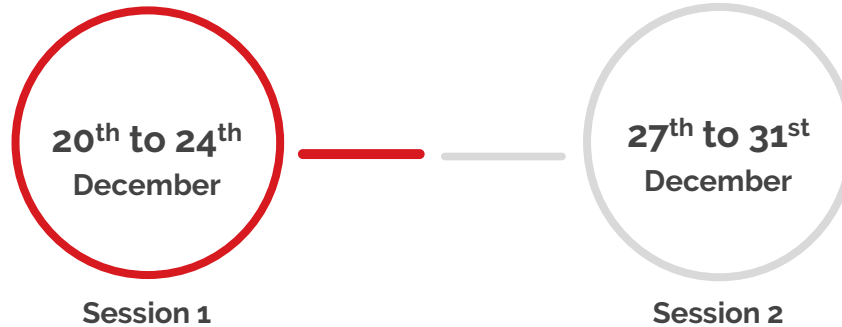
Eligibility

- High school students aged 16-19 years [11th & 12th grade]
- Students with STEM background



When And Where

e-Winter Camp will run for the last two weeks of December 2020



All e-winter 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 10th December 2020**.
- Summer Camp is limited to students of grade 11 & 12.
- Registration fees: **AED 500** per participant.
- To register, please email aviationcamp@eau.ac.ae to receive the online registration link.
- **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	08:00	09:00	10:00	10:20	12:00	12:30	14:00
	09:00	10:00	10:20	12:00	12:30	14:00	14:30
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 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