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AVIATION SUMMER PROGRAM 2019



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3 JUNE
12 JULY

FRANCE
TOULOUSE
POITIERS
PARIS INTERNATIONAL AIR SHOW 2019

GRUPE DES ÉCOLES AÉRONAUTIQUES



THE FRENCH TOUCH OF THE AVIATION SUMMER PROGRAM

Aiming at providing participants with the big picture of aeronautics and aviation disciplines, the syllabus includes a series of lectures/workshops, technical visits to industrial sites, cultural events. For the 2019 edition, participants will have the opportunity to visit the Paris Air Show and enjoy live flight displays.

The program is tailored for Junior and Senior undergraduate students with a solid scientific background who are enrolled in aerospace, mechanical, mecatronics engineering curriculae.

This summer program is offered primarily to students from the GEA partner universities in USA, but applications from other universities are welcome. A limited number of graduate students demonstrating strong motivation and good results in their application can also be selected.



3 JUNE – 12 JULY 2019

Accommodation is free of charge from May 27th until July 15th for students who wish to extend their stay.



PROGRAM

- ▶ A 6-week academic program
- ▶ About 20 hours of lecturing per week
- ▶ Industrial and historical visits
- ▶ Enjoy the French "Art de vivre" in several cities: Paris, Poitiers, Toulouse and more...
- ▶ Discover the European Aeronautical Industry
- ▶ Visit the International Paris Air Show 2019
- ▶ Undergraduate credits granted

														June						
Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Free		Toulouse					Free			Toulouse		Carcassonne	Free		Toulouse			Pa		



Courses are taught in **English** for a group of around 25 students. French language courses are offered to students (beginner, intermediate and advanced levels).



A good way to **gain credits (up to 9 credits)** for your undergraduate studies (contact your university for more information).



The cost of the program includes:

- ▶ pedagogical and administrative costs
- ▶ room and board (breakfasts & lunches on weekdays only)
- ▶ visits
- ▶ transportation within France.

The cost does not include the return trip from the USA to Toulouse.

GEA (GROUPE DES ÉCOLES AÉRONAUTIQUES)

In 1998, ENAC, ISAE-ENSMA and ISAE-SUPAERO, the 3 leading French "Grandes Ecoles" in Aeronautics and Space, decided to create together a new network based on their complementary offer in training programmes and scientific excellence in research, in order to better respond to the growing needs of the European aerospace industry.



COURSES

ENAC (TOULOUSE)

- ▶ Air Transport Economics & Aviation Safety



ISAE-ENSMA (POITIERS)

- ▶ Fundamentals of Combustion



ISAE-SUPAERO (TOULOUSE)

- ▶ Aircraft Architecture & Structure Analysis
- ▶ Internal Aerodynamics of Propulsion Systems



SUMMER PROGRAM ORGANISATION

- ▶ 4 weeks in Toulouse, 1 week in Poitiers
- ▶ Two 4-day field trips:
 - ↳ Paris and the International Paris Air Show 2019
 - ↳ Biarritz and the Basque country, including industrial and cultural visits

														July						
Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12
Paris	Poitiers					Biarritz				Toulouse			Free		Toulouse					

Subject to change

PAST SESSIONS

Since the first session in 2003, more than 380 students have enjoyed participation to the Aviation Summer Program. Coming from various campuses (Georgia Tech, Embry-Riddle Aeronautical University, University of Maryland, University of Michigan, University of Washington (Seattle), University of Texas (Austin), University of Arizona, Florida Tech, Illinois Institute of Technology, University of Syracuse, Cornell...) students have expanded their horizons.

The aviation summer program is one of the most amazing and eye opening experiences of my life so far.

Usama A.

University of Michigan
Program attendee 2016

PARIS



POITIERS



The technical visits at AIR, Airbus and Airbus Helicopters were very interesting to me because I could see the different practices of final assembly for regional turboprops, widebody jets and helicopters in Europe, which is different to what can be found in the US.

Jiachen W.

University of Illinois
Program attendee 2018

TOULOUSE



Thank you for a wonderful experience.

Yikun Z.

University of Illinois
Program attendee 2017

BIARRITZ



CARCASSONNE



Rédaction et conception : ISAE-SUPAERO
Impression : Champagnac.



www.asp.ensma.fr

For application procedure, please contact your international office or gea@ensma.fr