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# AVIATION SUMMER PROGRAM 2017



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**2 JUNE**  
**13 JULY**

**FRANCE**  
**TOULOUSE**  
**POITIERS**  
**PARIS** INTERNATIONAL AIR SHOW 2017

**GROUPE DES ÉCOLES AÉRONAUTIQUES**





© Patrice Niry / Ville de Toulouse

## 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 2017 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.



### 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 2017
- ▶ Undergraduate credits granted



**2 JUNE – 13 JULY 2017**

Accommodation is free of charge until July 17th for students who wish to extend their stay at the end of the program.



### SUMMER PROGRAM ORGANISATION

- ▶ 4 weeks in Toulouse, 1 week in Poitiers
- ▶ Two 4-day field trips:
  - ↳ Paris and the International Paris Air Show 2017
  - ↳ Biarritz and the Basque country, including industrial and cultural visits

### 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



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 and lunches on weekdays only)
- ▶ visits
- ▶ transportation within France.

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

## PAST SESSIONS

Since the first session in 2003, more than 350 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.

PARIS



*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

POITIERS



*It was a completely new and exciting experience and I have gained knowledge both in the aerospace industry and the French culture. Thank you for making this unforgettable experience!*

**Ammar A.**

University of Michigan  
Program attendee 2014

TOULOUSE



*I had fun. How could I not?  
I'm in France.*

**Jonathon H.**

University of Texas  
Program attendee 2014

BIARRITZ



CARCASSONNE



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[www.asp.ensma.fr](http://www.asp.ensma.fr)

For application procedure, please contact your international office or [gea@ensma.fr](mailto:gea@ensma.fr)