

# ECATA

## Aerospace Business Integration Programme



# Organisation

Duration : each year between January and April, 10 weeks off the job organised in three intensive residential sessions.

Location: 3 universities among the 7 universities of ECATA consortium.

Session 2019: POLITO (Turin) – Cranfield (UK) – ISAE-SUPAERO (Toulouse).



## Objectives

- Develop skills and experience needed to lead a team/programme in an international/intercultural multi-partner aerospace environment.
- Have a broadview of the aerospace industry environment: markets, business models, strategies, regulations...
- Get the ability to understand aerospace engineering from an overall perspective.
- Experience multicultural cooperation, multinational team building and team working.

## Programme

A Multinational Team Project with high relevance to the business is the cornerstone of the course and spans the whole duration.

Lectures and seminars are distributed over the 2 first sessions; on 3 main topics:

- International Aerospace Environment
- System Integration & Technologies
- Multinational Programme Management

## Target

High-flyers having 5 to 15 years experience. Aimed at the future leaders of aerospace businesses.

## Prerequisite

- Required English level B2 minimum.
- Project management experience: 5 years.
- Aerospace business experience: 5 years.

## Education ways & means

- Lectures given by professionals from industry,
- Programme case studies
- Workshops management
- Seminars
- Industry visits
- A project on a highly topical issue for the aerospace industry
- Digital learning



## Lectures

### International Aerospace Environment

- EASA Certification
- Aircraft engine market
- Commercial Aircraft Development
- Strategic Management
- Airliner customer approach
- Business in Asia etc.

### System Integration & Technologies

- Industry 4.0
- Store Aeromechanical Integration
- Complex Embedded Avionic Systems
- Big data
- Drones and Autonomous flight etc.

### Multinational Programme Management

- Engine product Support and Services
- Programme management case study
- Strategy / industrial ramp up
- Talent of Aerospace Engineers etc.



## Multinational Team Project

The MTP is proposed and supported by industry.

Through the exploration of a highly topical issue for the aerospace industry, the participants are driven to perform beyond their comfort zone in a demanding multicultural environment. The MTP is an innovative lab for training and experimenting new tools and capabilities for learning in industry. (AGILE methods, self organisation...).



### Seminars

- Intercultural relationship
- Team building
- Leadership
- Personal coaching

### Workshop & Visits

- AIRBUS, Liebherr, Fokker, MTU, Safran, etc.
- Programme management trends in aerospace
- Finances workshop
- New ways of working



# ABI 2019 schedule

**POLITO – Turin**

**14 January – 8 February 2019**



**POLITECNICO  
DI TORINO**



Cranfield University

**CRANFIELD UNIVERSITY - UK**

**25 February – 22 March 2019**

**ISAE-SUPAERO - Toulouse**

**3 – 16 April 2019**



**FEES: 16 000 €**

The fee covers all planned academic activities including seminars, visits, social events and training material. The fees do not include travel and lodging expenses



**ACCOMODATION**

Blocks of rooms are booked by the host institutions in selected hotels to gather all participants in order to foster team building. Participants need to confirm before deadline given by the host.

**APPLICATION DEADLINE: 14 September 2018**

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