

ECATA

Aerospace Business Integration



POLITECNICO DI TORINO



Organisation



Duration : each year between January and April 10 weeks off the job (about 350 hours) organised in three intensive residential sessions

Location: 3 universities among the 7 ECATA universities

Session 2021: POLITO Torino (Italy) – CRANFIELD(UK) – TU Delft (NL)

Objectives

Develop skills and experience needed to lead a team/programme in a 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 Multicultural 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 ans

Education ways & means

Lectures given by professionals from industry,
Programme managemement case study

Workshop

Seminar

Industry visits

A project on highly topical issue for the aerospace industry

Digital learning



Lectures

International Aerospace Environment

- EASA Certification
- Strategic Management
- Military strategy, planning for the future
- EU Defence Spending Lobbying
- Business in Asia etc.

System Integration & Technologies

- Industry 4.0
- Store Aeromechanical Integration
- Disruptive Aircraft Concept
- Electric Aircraft
- Drones and Autonomous flight etc.

Multinational Programme Management

- Engine product Support and Services
- Programme Management Trends in Aerospace
- Programme management case study
- Strategy /industrial ramp up 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

- LEONARDO, TBD.
- Programme management trends in aerospace
- Finances workshop
- Agile workshop



ABI 2021 schedule

POLITO – Turin

18 January – 12 February 2021



**POLITECNICO
DI TORINO**



Cranfield University

CRANFIELD UNIVERSITY

1– 26 March 2021

TU Delft

14 – 28 April 2021

TU Delft

Technische Universiteit Delft



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



ACCOMMODATION

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: 15 September 2020

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