

ITAérea
Aeronautical Business School



Course on Airport International Business Management

e-learning modality
120 hours

ITAÉREA AERONAUTICAL BUSINESS SCHOOL

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ITAérea Aeronautical Business School

ITAérea is an aeronautical business school specialised in delivering high-quality training to both professionals of the Air Transport sector and those who wish to start working in this fascinating and dynamic industry. We deliver our training through our recognized Master in Sustainable Air Transport Management (MATSM) and other postgraduate programmes and shorter courses focused on Air Transport.

At ITAérea we strive to meet the demand of first-class professionals from different companies in the Air Transport Sector: Airlines, Airports, Ground Handling, Aviation Authorities, Aircraft Manufacturing companies, Consulting companies, Law firms, etc. The school is staffed by more than 250 professors who have a vast experience in the industry and a practical approach to transmit their valuable real-life experience to our students.

Since we are internationally focused, we deliver our training courses in Spanish, Portuguese and English. We are represented in Spain, the United Kingdom, Brazil, Colombia, Peru, Honduras, Mexico, Costa Rica, Panama, Chile, Argentina, Venezuela, Bolivia, Ecuador, Dominican Republic, Uruguay, China, Saint Thomas and Prince and Angola.



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Training program

- Module A: The air transport demand.
 - Passenger Forecasting. Case study: Johor Bahru Airport, Malaysia.
 - Cargo Demand.
 - Aircraft Forecast.
 - Introduction to Air Traffic Forecasting.
- Module B: Commercial management in airports.
 - Airport and Airline Stakeholder Collaboration.
 - Air Service Development.
 - Overview of commercial revenues in airports.
 - Commercial Management at airports. The specialist retail operators.
 - Examples of recent airport commercial developments.
 - Airport Case. The refurbishment of a retail area.
 - The future of commercial revenues.
 - Case Study: Air Cargo at Anchorage International Airport.
 - Leveraging Technology for Airport Revenue Diversification.
- Module C: Airport infrastructure and capacity.
 - Airport planning.
 - Traffic forecast and parameterization.
 - Airport capacity.
 - Capacity vs Demand.
 - Airport simulations and airport expansion.
 - Case study: New Jubail Airport (KSA).
 - Case study: Kuwait International Airport.
 - Case study: Málaga Airport Airfield Simulation.
- Module D: Airport Operations.
 - Introduction to the management of Airport Operations.
 - Aircraft process and associated services.
 - Passenger process and associated services.
 - Baggage process and associated services.
 - Air cargo process and associated services.
 - Airport Asset Management.
- Module E: Airport Safety (AVSAF)
 - Aerodrome Certification.
 - Safety Management System SMS.
 - Emergency plan.
 - Firefighting and rescue services.
- Module F: Integration of Human Factors in SMS management.
 - Our focus.
 - Definitions and concepts
 - Safety concept
 - Security concept
 - Management concept
 - Seven tools to manage processes.
 - Implementation of a Security Program.
- Module G: Environment and sustainability in airports.
 - Regulatory context.
 - Sustainability in airports.
 - Environmental Management System.
 - Climate change adaptation and mitigation.
 - Salvador Bahia Airport: the most sustainable airport in Brazil.
 - Sustainability: the case of Aeropuerto Internacional El Dorado, Colombia.
- Module H: Global economic perspective of the airport business.
 - Key factors in the economic growth of a country.
 - Classification of countries according to their level of economic development.
 - World economic prospect.
 - Evolution of the growth strategy of airports.
 - Challenge: Ensure growth in an uncertain economy.
- Module I: Technology trends and the future of airports.
 - Airport IT Systems.
 - Airport Information (DATA).
 - Market trends in design of Airport IT Architectures and systems.
 - IT Master Plan. How to upgrade and modernize your Systems.
 - Technology trends in airports. The improvement of the passenger experience.
 - The airport of the future.

Teaching staff

The teachers assigned to this course are top-level professionals with vast experience in the air transport industry.



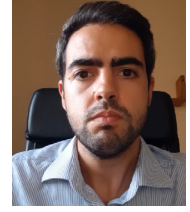
Jared Harckham
Vice President and Managing Director, Aviation at ICF



Adrià Canals
Head of Transportation Advisory at Arup



Carlos Berenguer
Aviation General Director at AERTEC Solutions



Miguel Palomares
General Manager of Albacete Airport



Eduardo Coll
Managing Director at Leadin Aviation Consulting



Juan Manuel Ortega
Head of Airport Engineering & Asset Management Aviation at Mott MacDonald



Tania Chacín
Sustainability Manager at OPAIN S.A. Aeropuerto Internacional El Dorado



Víctor del Castillo
SMS and Human Factors expert



Adriana Bejarano
Head of EHS, SMS, CSR at Aeris Holding Costa Rica



David Castro
Senior Airport Planner Leadin Aviation Consulting



Laura Calejari
Senior Consultant. Project manager at Leadin Aviation Consulting



Lourdes Montás
Corporate Controller at Grupo Puntacana.



Rodrigo Tavares
Sustainability Manager at Neom



Jesús Viciano
IT Systems Manager at AERTEC



Carlos Moya
BIM Manager, Airport Architect at Leadin Aviation Consulting



Carlos Díez
Consultant. Airport Planner at Leadin Aviation Consulting

Objective and suitability

The objective of the Course on Airport International Business Management is to train students to fill management positions in airports, airlines, as well as in companies associated to airports and aviation in general (commercial concessionaires, Air Navigation Service Providers, aeronautic industry manufacturers, construction companies, handling companies, security companies, maintenance companies, equipment supply companies, etcetera) in the fields of:

Engineering • Sustainability • Operations • Infrastructure • Maintenance • Organization
Human Resources • Business Management • Navigation Systems • Legal • Finance

Enrolment recommendations:

- Required English level: B2. Equivalent to:
 - First Certificate in English (FCE).
 - TOEFL 61-79/173-210/500-547.
 - IELTS 5.0/5.5/6.0.
 - Trinity Grades 7, 8, 9.

Methodology

Online campus

Online exam

Tutoring hours

Training is provided using the e5 methodology, which is based in the 5 basic pillars of online training: e-learning, expertise, efficiency, employability and enhancement. The School has been using this methodology for many years.

The teaching centre is ITAérea's Virtual Campus, where students may find all programme contents:

- Multimedia presentations (audio and video). Short length and easy-to-watch videos will be used to ensure the best comprehension and dynamism for the student.
- Updated and international contents (references are not exclusive for Europe).
- Interactive review exercises, so the student may review the main concepts.
- Regular control and monitoring: The Academic Department, composed of 40 tutors, carries out a regular control and monitoring of the student and issues status reports.
- Evaluation exam. Through which the student will prove what he has learned.
- Business Cases. Practical exercises.
- Additional materials.
- Everything is available 24/7.

Assessment and certificate obtained

In order to evaluate the students and continuously assess their learning progress a final exam will be performed.

Students will obtain the Course on Airport International Business Management certificate, issued by ITAérea Aeronautical Business School in collaboration with Airports Council International Latin America Caribbean.

Registration period

Registration period: OPEN.

How to enrol?

To register, the respective Human Resources departments or corresponding directors of the ACI-LAC member airports must send the list of candidate(s) by e-mail to:

-Francisco Medela: fmedela@aci-lac.aero

Registration is free for ACI-LAC members.
For more information, please contact info@itaerea.com



For more information, please contact:

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