ATA Air Transportation Management

2027 □□□□□□ 23 – 19
Jeddah (KSA)



ATA Air Transportation Management

Ref: 20228730_238360 Duration: 19 Location: Jeddah (KSA) Fees: 4200 GBP

Why This Course

The air transport industry is a cornerstone of global connectivity and economic development — yet it faces continuous challenges from evolving technologies, market competition, environmental pressures, and changing passenger expectations.

This program provides participants with a strategic and operational understanding of air transportation management. It integrates key elements of airline operations, airport management, regulatory frameworks, and business strategy to help participants develop a holistic view of the aviation ecosystem.

Grounded in IATA and ICAO standards, this course equips professionals with the insights and tools to manage, optimize, and innovate within the global air transport system.

What You'll Learn and Practice

By joining this program, you will:

- Understand the structure, dynamics, and economics of the global air transport industry.
- Learn how airlines, airports, and regulators interact within the aviation value chain.
- Explore key principles of airline operations, scheduling, and route management.
- Gain insights into regulatory frameworks, safety standards, and sustainability initiatives.
- Develop strategic thinking skills to address current and future industry challenges.

The Program Flow

Day 1: The Global Air Transport System

- Overview of the global aviation industry and its key stakeholders.
- Roles of ICAO, IATA, and national regulatory authorities.
- Understanding the air transport value chain — airlines, airports, ANSPs, and suppliers.
- The economic and social impact of air transport.
- Case study: how global events reshape air transportation networks.



Day 2: Airline Operations and Management

- Airline business models: full-service, low-cost, cargo, and charter.
- Route planning, fleet selection, and network optimization.
- Airline scheduling, slot allocation, and yield management.
- Revenue management and load factor optimization.
- Workshop: designing an optimal airline route and schedule network.

Day 3: Airport and Airspace Management

- The airport as a business: structure, operations, and revenue models.
- Air traffic management and capacity coordination.
- Airport-airline relationships and collaborative decision-making A-CDM.
- Infrastructure planning, slot coordination, and hub development.
- Simulation: managing airport-airline coordination for peak operations.

Day 4: Regulation, Safety, and Sustainability in Air Transport

- Global aviation regulatory frameworks and compliance ICAO Annexes.
- Safety Management Systems SMS and risk management in aviation.
- Environmental management and sustainable aviation fuel SAF.
- ESG principles and carbon reduction initiatives CORSIA, IATA Net Zero 2050.
- Discussion: balancing safety, profitability, and sustainability in modern aviation.

Day 5: Strategic Management and Future of Air Transport

- Strategic planning and competitive positioning for air transport organizations.
- Innovation and digital transformation in aviation AI, IoT, data analytics.
- Passenger experience, service excellence, and customer-centric strategies.
- Future trends: urban air mobility, green airports, and autonomous systems.
- Action workshop: developing a strategic roadmap for the future of air transport.

Individual Impact

- Gain a comprehensive understanding of the global air transport ecosystem.
- Strengthen analytical, operational, and strategic thinking skills.
- Develop the ability to address complex aviation management challenges.
- Enhance knowledge of safety, sustainability, and innovation practices.
- Build professional credibility and readiness for leadership roles in aviation.



Work Impact

- Improve operational efficiency and strategic decision-making in aviation entities.
- Strengthen compliance with international safety and environmental standards.
- Foster collaboration between airlines, airports, and aviation authorities.
- Support innovation and modernization initiatives in air transport operations.
- Enhance the organization's competitive advantage and global positioning.

Training Methodology

This program integrates theory with real-world practice, using case studies and collaborative exercises to ensure applied learning.

Learning methods include:

- Real-life case studies from global airlines and airports.
- Group discussions and problem-solving simulations.
- Scenario planning for airline and airport management challenges.
- Industry benchmarking using IATA and ICAO frameworks.
- Practical toolkits and strategy templates for immediate implementation.

Beyond the Course

Upon completion, participants will possess the knowledge and confidence to manage air transportation systems strategically and effectively.

They will leave equipped to lead initiatives that enhance efficiency, safety, sustainability, and innovation — shaping the future of air transport in alignment with global best practices.

