€TRAINING

Airport Strategic Planning

15 - 19 December 2024
Cairo (Egypt)

Airport Strategic Planning

REF: N1489 DATE: 15 - 19 December 2024 Venue: Cairo (Egypt) - Fee: 4465 Euro

Introduction:

This interactive training program will highlight the strategic view of the airport components, planning, and management. It explores some advanced topics e.g. ACDM influencing the Aviation environment where many airlines, ground handlers, air traffic management units exist. The This training course highlights the ICAO regulation and economic consideration for the purpose of improvement continuity.

Program Objectives:

At the end of this program the participants will be able to:

- Understand airport ownership characteristics globally and the differences between US and international airports.

- Explore recommended airport organization charts and the diverse array of jobs within airport operations.

- Describe the facilities present on airport airfields, including various types of runways.

- Discuss the influence of air traffic control on airport management and commercial air carrier operations.

- Differentiate security procedures between commercial service and general aviation airports.

- Define both aeronautical and non-aeronautical revenue streams generated by airports.

- Describe the intricate relationships between airport management and the airlines they serve.

- Gain insight into various airport planning studies, including the concept and implementation phases of Airport Collaborative Decision Making A-CDM.

Targeted Audience:

- Civil Aviation Authorities Middle and Top management staff.

- Airport and Airline staff related to Middle & Top management and operations.

- Participants conducting Airport planning and Design.

Program Outlines:

Unit 1:

Airports and Airport Systems:

- Introduction to Aviation Industry.

- The Economic and Social Role of Airports.

- Airports and Airport Systems: Organization and Administration.

- Airports: A Historical and Legislative Perspective.

- Airport Management on an International Level.

- The National Plan of Integrated Airport Systems NPIAS.

Unit 2:

Organization and Administration:

- Airport Ownership and Operation & Airport Privatization.

- The Airport Organization Chart & Job Descriptions.

- The Airport Manager and his Duties.

- Airport Growth: World War II and the Postwar Period.

- Airport Modernization: the Early Jet Age.

- Airport legislation after airline deregulation.

Unit 3:

The Components of an Airport:

- The Airfield, Airspace, and Air Traffic Control.

- The Basics of Air Traffic Control.

- Current and Future Enhancements to Air Traffic Control.

- Components of the Airport Terminal.

- Airport Ground Access.

- Airport Operations & Security.

Unit 4:

Airport Planning & Management:

- Airport System Planning.

- The Airport Master Plan.

- Air Traffic Forecasting Techniques.

- Factors Affecting Capacity and Delay.

- Bird and Wildlife Hazard Management.

- Security at Commercial Service Airports.

Unit 5:

Airport Financial Management & Future of Airports:

- Economic, Political, and Social Roles of Airports.

- Revenue Strategies at Commercial Airports.

- Pricing of Airport Facilities and Services.

- Airport Capacity, Flight Delays, and the Future.

- Airport Collaborative Decision Making A-CDM.