



ACAO Training Catalogue 2023

Air Navigation

Air Safety

Aviation Environment

Security and Facilitation

Air Transport

Airport & Handling



/ArabCivilAviationOrganization



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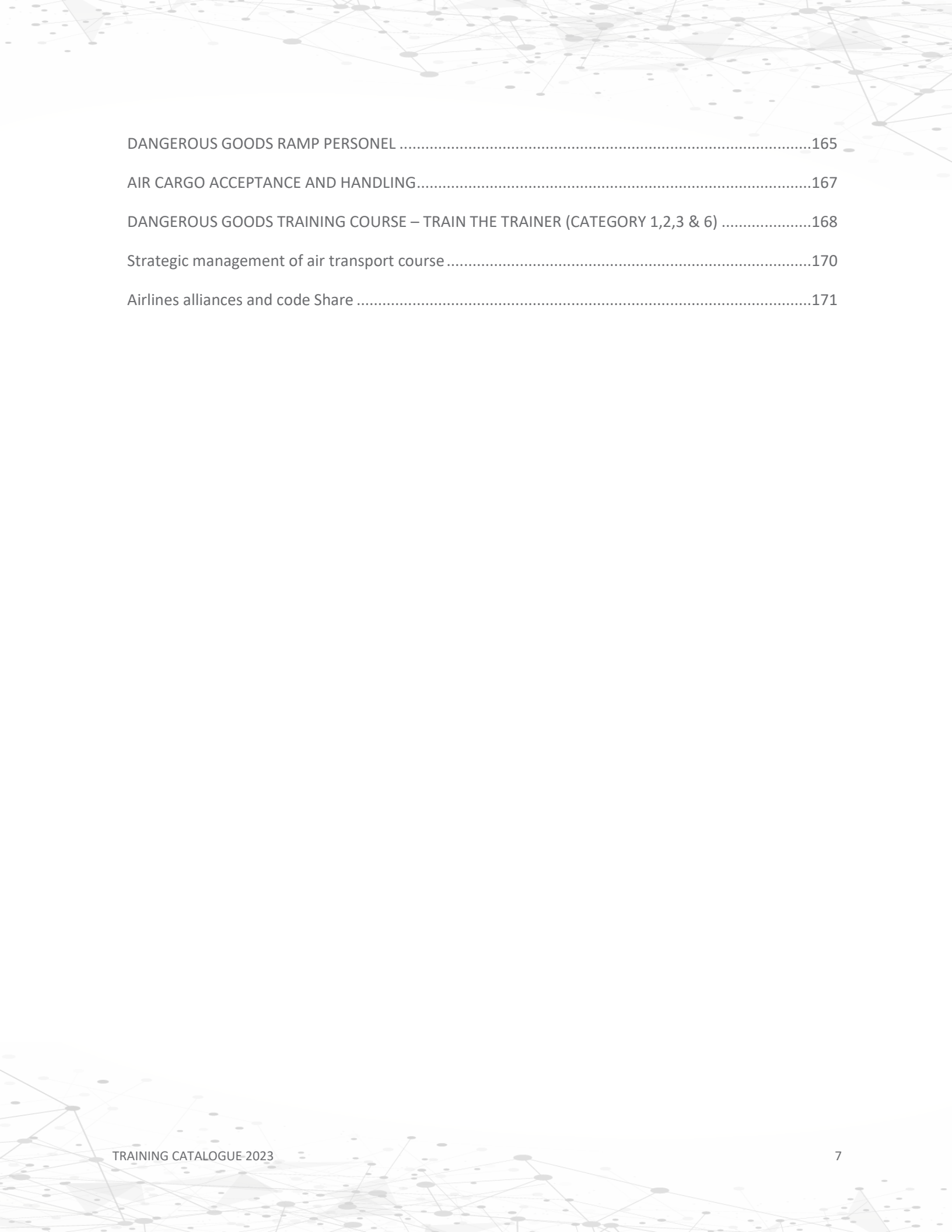
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Introduction

The cornerstone for the development of any sector, institution or company is based on its capacity in terms of professional and knowledgeable human resources and efforts to keep pace with technological developments and innovations, approaches and successful methods in management. This confirms the importance of education and training in all strategic policies of any given organization, including those belonging to the Civil Aviation sector.

This sector is developing rapidly and requires continuous on the job training of different categories of human resources, especially those performing technical tasks and dealing with sophisticated equipment that requests specific operation patterns and maintenance for a quality performance.

Therefore, the Arab Civil Aviation Organization (ACAO) is making its best efforts to provide training courses, for the benefit of employees and managers, in order to contribute to the continuous development of highly trained staff in compliance with the quality and safety standards of international civil aviation.

This course catalogue serves the strategic objectives of our organization in terms of developing common training standards and implementing member states experts' data basis to enhance the cooperation and exchange of best practices in our Region.

THE TRAINING PACKAGES IN THIS CATALOGUE ARE CATEGORIZED ACCORDING TO THE FOLLOWING FIVE SUBJECT AREAS:

Air Navigation



Air Safety



Aviation Environment



Security and Facilitation



Air Transport



Airport & Handling



This catalogue will be updated on annual basis. For up-to-date information, please visit the ACAO website at www.acao.org.ma.

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AIR NAVIGATION

Training course on the practical procedures for the implementation of Performance-based Navigation

<u>Duration</u>	5 days
<u>Language</u>	English
<u>Target Population</u>	air traffic controllers, performance-based navigation personnel, airspace designers, aircraft operators, in particular aviation operations, planning managers, personnel and civil aviation authority cadres in the field of navigation and air safety.
<u>Course Aim</u>	<p>The objective of this session is to support the Member States in implementing the performance-based navigation program at all levels:</p> <ul style="list-style-type: none"> • High airspace. • The final area of take-off and disembarkation operations. • Approach and qualification and provision of a comprehensive concept of operational accreditation requirements for the relevant procedures to inspectors of civil aviation authorities. <p>The implementation of the Performance-based Navigation Program is the most important prospect for air users in the coming years, as it will contribute to raising the air capacity and improving the efficiency of the aircraft's air operation, as well as reducing aircraft lag and reducing the negative impact of aviation operations on the environment.</p>

Course

Objectives

The PBN Performance-Based Navigation Operational Procedures Adoption Course is a training-of-trainers course, based on the PBN Performance-Based Navigation Manual, addressed to experienced aviation inspectors and air operations organizers and intended to provide participants with a comprehensive understanding of PBN operational approval requirements.

Workshop/training course on air traffic flow management and Aerodrome – Collaboration Decision Making (ATFM/A-CDM/)

<u>Duration</u>	5 days
<u>Language</u>	English
<u>Target Population</u>	Arab cadres working in the field of air navigation, especially those interested in managing the flow of air traffic.
<u>Course Aim</u>	To consolidate the implementation of the concept of air traffic flow management in the Arab region as well as to support the project to establish an air traffic flow management unit;
<u>Course Objectives</u>	This workshop/training course also serves a range of objectives, including assessing the current status of air traffic flow management services, as well as the exchange of experiences among the officials concerned, and studying ways to develop them, taking into account regional and international developments on this subject and considering the possibility of consolidating the means and methods of action at the level of Member States.

Training course/workshop on frequency management

<u>Duration</u>	<u>5 days</u>
<u>Language</u>	<u>English</u>
<u>Target Population</u>	Arab cadres working in the field of aeronautics, especially those concerned with frequency management and protection aeronautical spectrum.
<u>Course Aim</u>	To enable this category of personnel to follow up with the procedure regarding the protection aeronautical spectrum.
<u>Course Objectives</u>	<p>This course is intended to assist States to mitigate the risk of utilization of aeronautical spectrum by other domains witch impact negatively the air transport and the use of NAVAIDs.</p> <p>This course is covering the processes of protection of aeronautical spectrum by the states, ICAO and ITU.</p>

Training course on airspace design and management

<u>Duration</u>	<u>5 days</u>
<u>Language</u>	<u>English</u>
<u>Target Population</u>	Air traffic controllers, cadres supervising performance-based navigation procedures, airspace designers, aircraft operators, especially aviation operations, planning managers, personnel, civil aviation authorities in the field of navigation and air safety, as well as officials from the military.
<u>Course Aim</u>	This course aims to provide these concepts that are essential to all stakeholders involved in the design of airspace using the performance-based concept (PBN) because the design of the airspace is an integral part of the performance-based navigation program.
<u>Course Objectives</u>	This course also identifies best practices from ICAO 9613, CDO and the COC. It will also include training in civil-military cooperation in the use of airspace.

OPERATIONAL AIRSPACE MANAGEMENT (ASM-OPS)

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH / FRENCH
TARGET POPULATION	<p>The course is designed for the following staff:</p> <p>Staff working in airspace management cells, military operations and flow management positions</p> <p>Airspace providers, CAA and NSAstaff requiring knowledge of operational management and use of airspace.</p>
COURSE AIM	<p>The Advanced Flexible Use of Airspace concept (AFUA) is the cornerstone for the optimum use of the airspace between commercial, military and general aviation. The integration of dynamic, flexible and near real-time management of the airspace as a tool for matching capacity to demand is an important enabler for effective network performance. This operational airspace management course looks at the Advanced Flexible Use of Airspace Concept and how it is integrated into network performance management both now and in the short-term future.</p>
COURSE OBJECTIVES	<p>By the end of the Operational Airspace Management course, participants will be able to apply the Advanced Flexible Use of airspace concept at levels 2 and 3</p>

AIRSPACE STRATEGY (ASM-STRAT)

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH / FRENCH
TARGET POPULATION	This course is designed for both civil and military personnel who have responsibilities in any area of airspace design and management, whether they are involved with aircraft operations, air navigation service provision, the national supervisory authority or military command.
COURSE AIM	Simplified and harmonized organizations coupled with an efficient management of the airspace are considered key enablers for meeting future airspace users' requirements.
COURSE OBJECTIVES	<p>This course provides an overview of the current baseline, including user requirements, before discussing long- term future requirements and the associated SESAR and implementation strategies.</p> <p>After completing the course, participants will appreciate how to meet the airspace users' needs over the next 2 decades</p>

AERONAUTICAL SEARCH AND RESCUE OPERATIONS

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / FRENCH
TARGET POPULATION	<p>The training is most beneficial for:</p> <ul style="list-style-type: none"> • Aviation Authorities, • Rescue Organizations (Military Air Traffic Control Officers, Navy Operations Officers) • Civil Air Traffic Control Officers; • Flying Operations and ATC.
COURSE AIM	<p>The purpose of the course is to assist States in meeting their own search and rescue (SAR) needs and the obligations they accepted under the ICAO Convention. This will be achieved by providing Search Mission Coordinators (SMCs) with the required knowledge, skills, and attitude to carry out SMC functions effectively and efficiently, in accordance with ICAO Standards and Recommended Practices (SARPs). The proficiency of graduates will be maintained through both paper and periodic drill exercises.</p>
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • determine the aircraft emergency phase; • develop a SAR action plan; • allocate resources to the search area • follow up SAR operations progress; and • evaluate SAR operations outcomes

AIR NAVIGATION AIDS TECHNICIANS ATC PROCEDURES BASIC INDOCTRINATION

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / FRENCH
TARGET POPULATION	The training is most beneficial for new recruits commencing training or for existing air navigation aids technicians responsible for CNS equipment
COURSE AIM	The main goal of this training solution is to provide the aeronautical telecommunications technicians with basic air traffic control indoctrination to enhance their maintenance responsibilities by developing critical coordination skills in a safe and efficient manner.
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> use correct ATC phraseology; coordinate scheduled maintenance actions; verify the nature of the fault; report on faulty equipment; report on scheduled maintenance; test equipment; and <p>Confirm equipment service ability ground operations, or in relation to any supplied services.</p>

APPROACH CONTROL SURVEILLANCE REFRESHER COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / FRENCH
TARGET POPULATION	The training is most beneficial for civil aviation personnel employed as air traffic controllers.
COURSE AIM	This course will ensure that the knowledge and skills of the approach surveillance controllers are maintained and updated on a regular basis to effectively and efficiently control air traffic within the approach sector (TMA), in accordance with ICAO Standards and Recommended Practices
COURSE OBJECTIVES	Upon successful completion of this course, participants will be able to: operate surveillance equipment; assess aircraft performance in the provision of ATS; identify air traffic; apply vectoring techniques; provide separation between aircraft; apply speed control procedures; apply sequencing techniques; appreciate critical/abnormal weather phenomena; deal with unusual and aircraft emergency situations; and take appropriate action in the event of equipment degradation situations.

AIR NAVIGATION SERVICES CNS INSPECTOR

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / FRENCH
TARGET POPULATION	<p>The training is most beneficial for:</p> <p>Air Traffic Safety Electronic Personnel (ATSEP) deployed at Communication, Navigation and Surveillance (CNS): ATSEP Supervisors</p> <p>ATSEP Manager</p> <p>With at least CNS Equipment training</p>
COURSE AIM	<ul style="list-style-type: none"> • This course aims to provide comprehensive training in compliance monitoring techniques to facilitate a fully effective compliance monitoring process in relation to flight and ground operations. • This course will provide ANS-CNS Inspectors with the knowledge, skills, and attitude necessary to carry out an audit/ inspection on CNS systems for effective and efficient air safety oversight duties.
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> ✓ carry out audit/inspection of CNS systems; ✓ write an audit/inspection report; ✓ enforce CNS regulations and standards; ✓ carry out ATSEPs certification; and ✓ manage documents.

PERFORMANCE-BASED NAVIGATION: (PBN) PART I

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> • Air Traffic Control Officers (ATCOs) • Managers and supervisors from Air Navigation Service Providers (ANSP) and Civil Aviation Authorities (CAA) • Personnel wishing to know the fundamentals of Air Traffic Control procedures and airspace design • Airline managers and operational staff • Aircraft Operations and Flight Planning personnel
COURSE AIM	<p>Evolution of ICAO Navigation Specifications leading up to the PBN concept:</p> <ul style="list-style-type: none"> • The need for a global plan for implementation and harmonization of CNS/ATM systems around the world • The ICAO Global Air Navigation Plan and timeline • FANS, CNS/ATM, RNP, RNP/RNAV • Relevant ICAO Specifications, in particular for en-route, terminal area and approach • Regional differences and harmonization • PBN in relation to existing and future airspace structures <p>Types of Area Navigation (RNAV) systems</p> <ul style="list-style-type: none"> • RNAV systems and the following individual navigation system technologies: DME/DME, IRU, INS, GNSS, GPS, SBAS, GBAS, Galileo etc.

	<ul style="list-style-type: none"> • Fundamentals of GNSS theory and GNSS separation standards and benefits • The evolution of GNSS constellations and their augmentations systems (ABAS) • Space-based and ground-based GNSS augmentations (SBAS, GBAS) • GPS receiver and Receiver Autonomous Integrity Monitor (RAIM) • GNSS interference and relevant NOTAMs • GNSS approvals • GNSS (RNAV) approaches • Lateral and longitudinal GNSS (RNAV) separation standards and benefits • Other RNAV (GNSS) procedures • Overview of how to validate RNAV and RNP procedures • Fundamentals of RNAV and RNP procedure design • En-route and Terminal Manoeuvring Area (TMA) RNAV procedures • En-route Area Navigation, route spacing and the TLS • Terminal Manoeuvring Area (TMA) Area Navigation • Planning TMA Area Navigation Design and Implementation • Types of RNP and RNAV, and the regional variants • Instrument Approach Procedures • Conventional and Area Navigation (RNAV) procedures and their influence on airspace design <p>Procedure protection areas and their effect on airspace structure Controlling aircraft using Standard Instrument Departures and Arrivals (SIDs, STARs) Modular approach to TMA area navigation implementation Area Navigation Review Discussion on PBN and in particular RNAV and RNP to summarize all topics covered</p>
<p>COURSE OBJECTIVES</p>	<p>Upon completing this course, you will:</p> <p>Understand the history of the ICAO Performance-based Navigation (PBN) concept</p> <p>Understand the latest on the ICAO Global Air Navigation Plan (Doc</p>

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Be current on the types of Area Navigation (RNAV) systems

Understand the fundamentals of GNSS theory, GNSS separation standards, and the benefits

Apply the basics of RNAV and RNP procedures design

Be more familiar with Instrument Approach Procedures, Standard Instrument Departures and Arrivals (SIDs and STARs)

PERFORMANCE-BASED NAVIGATION: (PBN) Part II

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> • Flight Instrument Procedure and Airspace Design/ Planner managers • Air Navigation Service Provider and Air Traffic Control managers • Aircraft operators and airline managers • Civil Aviation Authorities/ Regulator managers
COURSE AIM	<ul style="list-style-type: none"> • PBN II starts by explaining the history of the evolution of the RNP concept and how we got to Performance-based Navigation; it then discusses what is included in the PBN Manual and how each Navigation Specification contains and how it is divided. The Navigation Specifications are then covered by airspace domain: Oceanic and Remote, Enroute (continental), Terminal and finally Approach. • PBN II then focuses on the three principle stakeholders involved in the PBN implementation process; these are the ANSP, the Regulator and the Air Operator. • ANSP is taken through and exercise of defining an Airspace Concept and is introduced to Planning and Implementation issues. • The Air Operator goes through a step-by-step exercise of how to obtain an Operational Approval for a PBN Navigation Specification. • Then finally the role of the Regulator is

	<p>explained in terms of approving both the ANSP, for example approving the various safety assessments of airspace and procedure design, and the Air Operator for PBN operations by granting operational approvals by means of OpSepcs or Letters of Approval.</p> <ul style="list-style-type: none"> • The course aims for: <ul style="list-style-type: none"> • Examination of the approval process from the point of view of the State, the regulator the ANSP and the aircraft operator • Obtaining operational approvals • Drafting necessary aeronautical information circulars to promulgate new RNAV procedure.
<p><i>COURSE OBJECTIVES</i></p>	<ul style="list-style-type: none"> • Upon completing this course, you will be able to: • Implement PBN navigation specifications and understand PBN approvals • Understand your obligations, operational approvals, compliance processes, documentation, and information with regard to PBN navigation operations and specifications

THREAT AND ERROR MANAGEMENT IN AIR TRAFFIC CONTROL

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	The training is most beneficial for: operational air traffic control staff (the primary population); ATS managers Safety and Training Officer Planning and Evaluation Officer
COURSE AIM	<ul style="list-style-type: none"> • The framework proposes that threats and errors are part of everyday aviation operations that must be managed by air traffic controllers.. Air traffic controllers must also manage undesired states, since they carry the potential for unsafe outcomes • The goal of the course is to enhance and improve the air traffic management skills and capabilities of the air traffic services staff through their awareness of and training in —Threat and Error Management principles and methods. • Upon successful completion of this course, participants will be able to: • implement the procedures for evaluating traffic flows; • execute handover and relief procedures; • choose coordination procedures;

	<ul style="list-style-type: none"> • recognize the seven different strategies for managing traffic; • manage unusual situations and emergencies; • manage changing conditions and anomalies; and • implement strategies for managing threats and errors in the work environment.
<p><i>COURSE OBJECTIVES</i></p>	<p>Upon successful completion of this course, participants will be able to:</p> <p>implement the procedures for evaluating traffic flows;</p> <p>execute handover and relief procedures;</p> <p>choose coordination procedures;</p> <p>recognize the seven different strategies for managing traffic;</p> <p>manage unusual situations and emergencies;</p> <p>manage changing conditions and anomalies; and</p> <p>implement strategies for managing threats and errors in the work environment.</p>

QUALITY MANAGEMENT & WEATHERS

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	The training is most beneficial for: operational air traffic control staff (the primary population); ATS managers Safety and Training Officer Planning and Evaluation Officer
COURSE AIM	This Course aim to: understand the fundamentals in achieving maximum customer satisfaction at the lowest overall cost, focus on delivering a quality product or service by improving your processes, or set up a world- class quality management system provide meteorological observers with the theoretical knowledge and practical skills required to make fully compliant aviation weather reports.
COURSE OBJECTIVES	Upon successful completion of this course, participants will be able to: After completing this course; trainees will be able to: Manage Quality system; make and report accurate and compliant weather observations (METARs and Special reports); decode weather observations (METARs) and forecasts (TAFs) from an encoded message; interpret actual/forecast surface information and any other appropriate charts and forecasts for aviation to assist in the understanding of the weather; understand the various systems, equipment and instruments in use;

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including the maintenance and calibration of the sensors.

AIR NAVIGATION SERVICES ATM INSPECTOR

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	This course is beneficial to personnel responsible for ANS oversight management and inspection such as inspectors, safety managers and auditors from civil aviation administrations and air navigation service providers.
COURSE AIM	This course provides with an understanding of the fundamental principles underlying the safety oversight measures relating to air navigation services (ANS) required of a State's aviation regulatory body and their importance.
COURSE OBJECTIVES	Upon completion of this course, participants will be able to: Understand the role and responsibilities of an ANS safety oversight inspector Understand the ICAO Standards and Recommended Practices (SARPs) and other national civil aviation regulations relating to ANS Update the organization's safety oversight mechanisms relating to ANS

AIR NAVIGATION SERVICES MET INSPECTOR

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	The training is most beneficial for: MET officers earmarked for (ANS) MET inspection duties, MET observers and forecasters in aerodromes, MET instructors (primary target populations); and aeronautical MET supervisors, aerodrome supervisory staff aeronautical MET equipment maintenance staff (secondary target populations).
COURSE AIM	The course will provide participants with the skills, knowledge, and attitude to enable them to provide safety oversight services
COURSE OBJECTIVES	Upon successful completion of this course, participants will be able to: develop ANS MET technical guidance materials and regulations; audit/inspect ANS MET systems; write ANS MET audit/inspection reports; Manage ANS MET documents and records

AERODROME EMERGENCY PLAN SEMINAR

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH/ARABIC/FRENCH
TARGET POPULATION	<p>This workshop is addressed to:</p> <p>Regulatory Authorities;</p> <p>Air navigation service providers (ANSPs) ;</p> <p>Airport accountable managers</p> <p>aircraft operations personnel;</p> <p>air traffic control officers (ATCOs);</p> <p>pilots;</p> <p>airline and airport personnel;</p> <p>Accident and Investigation Staff</p> <p>Search and Rescue Staff</p>
COURSE AIM	<p>This seminar aims to improve knowledge of participant on an Aerodrome Emergency Plan (AEP) and to establish a networking of contacts for participants to share information.</p>
COURSE OBJECTIVES	<ul style="list-style-type: none"> • The main objective of the seminar is: • to assess the level of implementation of ICAO Annex 14 requirements on AEP and conduct of exercise to test the plan. • to increase awareness and gain knowledge on managing a full scale off shore aircraft accident exercise as well as exchanging experts experience in the field.

AIR TRAFFIC FLOW MANAGEMENT WORKSHOP

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH/ARABIC/FRENCH
TARGET POPULATION	This workshop is addressed to air traffic controllers, supervisors carrying out ATFM tasks, trained in ATFM, Collaborative Decision Making (CDM), airport capacity and Air Traffic Control (ATC) sectors, and/or involved in the processes of ATFM implementation and development in their States:
COURSE AIM	This workshop aims to develop the concept of Air Traffic Flow Management, to present the ACAO project of establishing the unit of the air traffic in order to respond to current and future challenges of the Arab airspace affected by the congestion and bottlenecks and to present the latest developments with regard to regional initiatives in air traffic flow management.
COURSE OBJECTIVES	This workshop will deal with: ATFM ACAO strategy Term Action plan Regional ATFM initiatives in the neighboring areas ATFM Latest development

FAST SIMULATION AND AIRSPACE CAPACITY

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH/ARABIC/FRENCH
TARGET POPULATION	<ul style="list-style-type: none">• This workshop is addressed to:<ul style="list-style-type: none">▪ air navigation service providers (ANSPs);▪ Regulatory Authorities; and▪ aircraft operations personnel;▪ pilots;▪ air traffic control officers (ATCOs);▪ airline and airport personnel;
COURSE AIM	<ul style="list-style-type: none">• The uses of Fast Time Simulation (FTS) to estimate en- route capacity, Airspace design, validate current and future capacity baselines and introduction a new concept as PBN.
COURSE OBJECTIVES	<ul style="list-style-type: none">• This workshop will deal with:<ul style="list-style-type: none">✓ Airspace Concept Design✓ Airspace capacity and routes✓ Fast Time simulation tools

GLOBAL NAVIGATION SATELLITE SYSTEM

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH/ARABIC/FRENCH
TARGET POPULATION	<p>This workshop is addressed to:</p> <ul style="list-style-type: none"> aircraft operations personnel; pilots and dispatchers; air traffic control officers (ATCOs); airline and airport personnel; Air navigation service providers (ANSPs); Regulatory Authorities/ Airworthiness/ Flight Ops; and aviation stakeholders interested in understanding the principles of GNSS.
COURSE AIM	<p>This workshop aims to explain the ACAO GNSS road map, to present the latest technologies in the field of GNSS and to explore the GNSS long term scenario. This seminar will be organized with ICAO and associated manufactured involved in GNSS.</p>
COURSE OBJECTIVES	<p>This workshop will deal with:</p> <ul style="list-style-type: none"> ACAO GNSS strategy Term Action plan Regional GNSS initiatives in the neighboring areas GNSS Latest development

EMERGENCY RESPONSE FOR CAA AND AIR NAVIGATION SERVICE PROVIDERS

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ARABIC/FRENCH
TARGET POPULATION	This course is recommended for: - Civil Aviation Authorities -Air Navigation Service Providers
COURSE OBJECTIVES	Upon completing this course you will be able to: Prepare emergency plans using an ‘all hazards approach’ Review your organization’s emergency planning mandate, functions and responsibilities
KEY TOPICS	<p>Purpose of Emergency Response Planning This module identifies the need for emergency response planning.</p> <p>Identifying Emergency Scenarios Participants will begin to recognize and describe the process for identifying emergency scenarios.</p> <p>Preventive Measures In this module, participants will cover factors and considerations in developing preventive measures.</p> <p>Response Measures This module defines appropriate response measures to mitigate specific emergency scenarios.</p> <p>Roles, Responsibilities and Authorities Participants will become familiar with the roles and responsibilities for managing emergencies.</p>

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Training Development and Drills

In this module, the training needs based on emergency roles and responsibilities will be identified.

METHODOLOGY AND BEST PRACTICES FOR AVIATION SYSTEM BLOCK UPGRADES IMPLEMENTATION

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ARABIC/FRENCH
TARGET POPULATION	This course is beneficial to decision-makers from civil aviation administrations, air navigation service providers, airlines, airport authorities, air traffic management (ATM) system manufacturers and solution providers who are responsible for ATM modernisation programs and ASBU capability- implementation.
COURSE OUTLINE	This course provides you with a common understanding of the Aviation System Block Upgrades (ASBU) methodology and how best to implement the modules. This interactive and practical course will also guide you in making capability-implementation decisions, developing a business case to support investment decisions and communicating the value impact of the ASBU framework.
COURSE OBJECTIVES	Upon completion of this course, you will be able to: <ul style="list-style-type: none"> - Describe and apply concepts, framework and requirements of ASBU - Identify business case elements for ASBU implementation - Understand the process of how to negotiate with multiple ASBU stakeholders
Key Topics	ASBU Overview and Value: Guidance in Selecting ASBU Capabilities <ul style="list-style-type: none"> - Introduction of the ASBU concept and framework - Course conceptual model - Introduction of course case study and exercise format

Identifying Operational Performance

- Decision process to understand need for upgrades
- Evaluating economic, demographic and market trends
- Identifying the aviation system's projected demand and expected capacity
- Needs and Dependency Analysis (NDA) overview: Prerequisites and preparation
- NDA candidate ASBU modules needs dependencies and needs inventory
- NDA baseline inventory and gap analysis

Operational and Business Views of Case Study Alternatives

- NDA impact analysis
- Assessing ASBU operational effects using performance indicator
- Business case analysis
- Operational benefits
- Life-cycle costs
- Aviation service provider financial results
- Aircraft operator financial results
- Identifying other social effects: Passengers, safety and environment
- Summarizing social results

HUMAN FACTORS FOR ATC BASIC AND TRAIN THE TRAINER COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ARABIC/FRENCH
Course Overview	This course provides delegates with an overview of Human Factors and how to manage them. It will explore the basic principles and, in line with ICAO Human performance principles and delegates will learn how the limitations affect human performance in an operational environment. It will translate this knowledge into practical applications that can be used within the delegate's professional environments to support optimum human performance.
Course Objectives	<p>Upon completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • Understand the global functioning of man in the context of weakened operational faculties; • Internalize the concepts of human factor and situational awareness • Put in place preventive and operational strategies to maintain operational performance; • perform Risk Management and Risk Mapping
Target Population	<p>This workshop is addressed to:</p> <ul style="list-style-type: none"> • Regulatory Authorities; • Air navigation service providers (ANSPs); • Air traffic control officers (ATCOs);
Key Topics	<p>Fundamentals of Human Factors / Air Navigation Control</p> <ul style="list-style-type: none"> - Air Navigation Control - Human, front-line worker - Human factors <p>Contributing and limiting factors to human performance</p> <ul style="list-style-type: none"> - Efficient properties / operational capabilities

- Perception of information
- Memorization
- Management of attentional resources
- Vigilance
- Fatigue
- Chronobiology / sleep-wake
- Operational stress / event stress
- Blood sugar level

Contributing factors and limitations to operational performance

- Team work
- Operational Contributing Aspects
- Error management
- Operational limiting aspects
- Mental load

Contributing and limiting factors to human performance


- Efficient properties / operational capabilities
- Perception of information
- Memorization
- Management of attentional resources
- Vigilance
- Fatigue
- Chronobiology / sleep-wake
- Operational stress / event stress
- Blood sugar level

Security management, concept and organizational framework

- Security management
 - Organizational concept \
 - Organizational framework
 - Case study

Training Concepts and Techniques (Additional Module for FH Instructor Training)

- Principles of training
- Learning modes
- Forms of messages
- Forms of communication


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| | <ul style="list-style-type: none">- Preparation of the training- Training Management- Training materials- Simulations |
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AIR SAFETY


Airport Certification Course/Workshop.

<u>Duration</u>	5 days
<u>Language</u>	English
<u>Target Population</u>	The following categories may benefit from this training: Civil Aviation Authority. The Department of Safety, Airport Exploitation Managers, Airport Operators, Airport Operational Officers, Airport Quality and Safety Officers, Airport Aircraft Waiting Yard and Airport Planning Engineers and executives.
<u>Course Aim</u>	<p>Given the importance of issuing airport certification in accordance with global civil aviation specifications and standards, it is essential to hold an airport certification course/workshop where the airport certification process is one of the most significant shortcomings in the Arab region.</p> <p>The purpose of this training course is to prepare for the airport's initial certification, accommodate its obligations, and consistently comply with the licensing requirements in accordance with the needs and requirements of the International Civil Aviation Organization (ICAO).</p>
<u>Course Objectives</u>	<p>Upon completion of this course, participants will have the capacity to:</p> <ul style="list-style-type: none"> • Apply airport certification procedures

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| | <ul style="list-style-type: none">• Identify, understand and analyze documentation required in the airport certification process• Activate airport certification rules and recommendations• Exchange information with experts in the field of airport certification• Participate in field operations and airport certification exercises |
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Training course/workshop on audit/inspection principles for safety management systems

<u>Duration</u>	5 days
<u>Language</u>	English
<u>Target Population</u>	Personnel working in the field of air safety and air navigation of the member states of the Organization
<u>Course Aim</u>	The training of specialized air safety auditors to carry out and organize internal and external technical audits, enabling them to conduct, act, and prepare reports when carrying out such operations according to the standards and specifications set out nationwide and by the International Civil Aviation Organization.
<u>Course Objectives</u>	<p>At the end of this course, participants will have the ability to understand and develop their abilities through presentations, practical exercises, and discussions on:</p> <ul style="list-style-type: none"> • Principles of enterprise systems to support organizational compatibility and safety; • Setting up the management system in the audit process to support organizational control or internal audit; • Identification of audit responsibilities; • Preparation for field audit; • Planning for audit oversight and safety oversight; • field audit steps; • Steps of the fieldwork program • Audit report: its components by standards, goals and contents; • Ensure the effectiveness of the audit process;

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| | <ul style="list-style-type: none">• Verification and follow-up investigation of corrective actions;• Audit team leadership skills. |
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Training course/workshop on "Air Safety Inspector: air carrier Certification"

<u>Duration</u>	5 days
<u>Language</u>	English / French
<u>Target Population</u>	<p>Air safety personnel in the following categories:</p> <ul style="list-style-type: none"> • Civil Aviation Authority officers – Air Safety Department • Aircraft Authority Officers and agents – Control of Aircraft Exploitation • Agents/supervisors of air, cargo and ground operations of airlines • Quality System Officials • Air Safety Department Auditors/Inspectors
<u>Course Aim</u>	<p>To establish inspectors in the area of air carrier licensing, to highlight the concept and fundamentals of inspection in this area, to enhance the capabilities of relevant personnel and to provide several field-based experiences through the intermingling of several States. The requirements of the various ICAO documents regulating this field will be outlined during this session.</p>
<u>Course Objectives</u>	<p>At the end of this course, participants will have the capacity to:</p> <ul style="list-style-type: none"> • Evaluation of airline accreditation applications MEL and OM

- Evaluate the documents adopted in the licensing of airlines and ensure that they comply with the relevant regulations, laws and orders.
- Application and reporting of airline terminal screening techniques.
- Identifying and enabling different stages and procedures of airline licensing

Training/workshop on "Principles of Audit/Inspection in Exploitation Control and GSI- OPS"

<u>Duration</u>	5 days
<u>Language</u>	English / French
<u>Target Population</u>	<p>Air safety personnel in the following categories:</p> <ul style="list-style-type: none"> • Civil Aviation Authority officers – Air Safety Department • Aircraft Authority Officers and agents – Control of Aircraft Exploitation • Agents/supervisors of air, cargo and ground operations of airlines • Quality System Officials • Air Safety Department Auditors/Inspectors
<u>Course Aim</u>	<p>To enhance the capabilities of Arab States in the application of ICAO international standards in this field by improving the performance of the relevant safety units and preparing the relevant human resources, while providing the principles of auditing in the field of exploitation control and ground operations by providing rules and recommendations governing the activity.</p>

Course

Objectives

the training and qualification of inspectors/auditors on inspection techniques in the field of exploitation control and ground operations, sharing the experience through the participation of interlocutors from several States.

Train the trainer in safety management

<u>Duration</u>	<u>3 days</u>
<u>Language</u>	<u>English / French</u>
<u>Target</u>	State Safety Program Coordinators
<u>Population</u>	Safety trainers and subject matter experts Corporate or operations safety managers Quality assurance / compliance / operations officials (ground, aviation, cockpit, etc)
<u>Course Aim</u>	This course provides participants with the knowledge and skills necessary to plan, develop and implement the safety management system (SMS) and ensure continued compliance with the International Civil Aviation Organization (ICAO) International Safety Regulations.
<u>Course Objectives</u>	To help participants learn how to take a proactive approach to risk management and promote a continuous safety culture within their own organization/airlines.

AUDIT TECHNIQUES TRAINING COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	This course is suitable for anyone in the aviation industry, whose role involves the planning, managing and conduct of internal audits or audits of suppliers and contractors. It is ideal for regulatory staff who, manage or conduct auditing as an integral part of safety oversight to verify an organization's degree of compliance with National Aviation regulations.
COURSE AIM	This course aims to demonstrate effective regulatory auditing techniques, ultimately enabling delegates to manage, plan, conduct and report a wide range of audits in support of regulatory compliance and continual organization improvement. Participants will be provided with plenty of opportunity to practice and develop audit interview and questioning techniques throughout the duration of the course. An example of CAA approval and audit practice are integrated into the course.
COURSE OBJECTIVES	<p>By the end of this course participants will be able to demonstrate an understanding of the following through presentations, facilitated exercises and group discussions:</p> <ul style="list-style-type: none"> - Principles of management systems in support of regulatory compliance and the achievement of safety - Developing a system of effective audit process management in support of regulatory oversight or internal auditing - Planning of on-going regulatory oversight audits, - developing audit checklists and audit planning data for onsite audit activities - Audit techniques necessary for obtaining evidence of compliance - Objective reporting of audit finding



SAFETY STATE PROGRAM SSP COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>The training is most beneficial for personnel responsible for the implementation of safety program and oversight of SMS in the areas of:</p> <ul style="list-style-type: none"> • aircraft operations, • air traffic services • maintenance of aircraft • aerodrome operations from civil aviation administrations. • Aviation training school
COURSE AIM	<p>The course will provide an understanding of ICAO Standards and Recommended Practices (SARPs) relating to the State Safety Program (SSP), the SSP framework and its components, and related guidance material.</p> <ul style="list-style-type: none"> • This course will cover the following topics: • ICAO SARPs Relating to SSP • Acceptable Level of Safety (ALoS) Performance • Performance-based Regulations • Development of Guidance on ALoS and Performance-based Regulations • SSP Safety Promotion • SSP Implementation Plan
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • Understand ICAO SARPs relating to SSP • Identify the key elements of an SSP • Develop an SSP implementation plan for your organization

AIRPORT CERTIFICATION

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>The training is most beneficial for aerodrome management and operational- level personnel at international airports, whose task is to ensure that the process used in aerodrome certification is consistent with ICAO provisions. Participants should be involved in the aerodrome certification process and in their capacities as:</p> <ul style="list-style-type: none"> • Director/Manager Operations; • Airport Operations Supervisor; • Director/Manager Safety, Safety Supervisor/Officer; • Ground Movement Controller/Apron Controller; • Airside Maintenance Manager; • Director/Manager Ground Handling; • Airside Planner/Engineer; and • Airport Authority Regulator.
COURSE AIM	<p>Many international airports are yet to be fully certified and many that are certified are unable to apply the Standards and Recommended Practices (SARPs) as laid out in ICAO Annex 14 — Aerodromes and the Manual on Certification of Aerodromes (Doc 9774).</p> <p>The objective of this course is to provide airport operators with the knowledge and skills required to practically apply and maintain the aerodrome certificate.</p>
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • identify the purpose, process, and requirements to obtain Aerodrome Certification; • identify the relevant ICAO documents and their purpose in aerodrome certification; • implement ICAO SARPs pertaining to aerodrome

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certification;

- obtain —tips|| from experts who have certified aerodromes; and;
- participate with others from the industry in certification exercises.

ACCIDENT INVESTIGATION TECHNIQUES AND MANAGEMENT

DETAILS

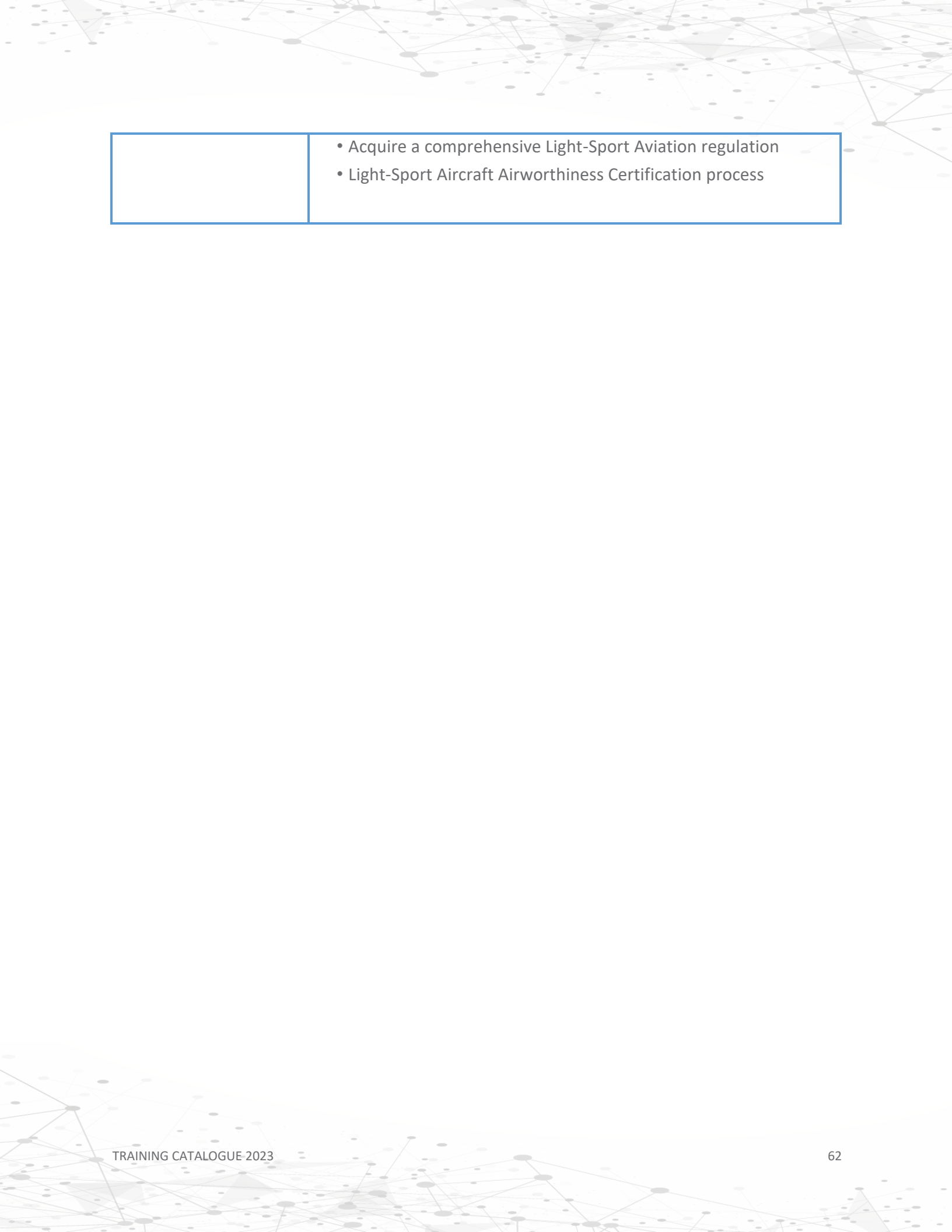
DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>Applicants should be:</p> <ul style="list-style-type: none"> • Accident investigators, chief investigators or management personnel involved in aircraft accident investigation from civil aviation authorities, airport authorities / operators, safety and regulatory bodies, airlines and aircraft manufacturers, law enforcement, military and government agencies as well as airport emergency services. • Nominated by their respective Governments.
COURSE AIM	This course enables participants to carry out investigations into occurrences or to act as advisors / Coordinators or technical representatives in formal aircraft accident investigation teams
COURSE OBJECTIVES	<p>This participant will get an understanding of:</p> <ul style="list-style-type: none"> • the complete aircraft accident investigation process (as required in ICAO Annex 13) from preparation to report writing, and discusses case studies on accident investigation, focusing on management challenges faced by accident investigators, • Aircraft accident investigation techniques. • Aircraft operations and the relevant technical areas of aviation. • The impact of human and latent organisational factors on an aircraft accident. • How to obtain and manage the relevant technical assistance and resources required to support the investigation. • How to collect, document and preserve evidence.

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| | <ul style="list-style-type: none">• How to identify and analyze pertinent evidence in order to determine causes and make safety recommendations.• How to write a final report that meets the requirements of the accident investigation authority of the state conducting the investigation |
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SAFETY CULTURE & AIR LIGHT SPORT AVIATION TRAINING COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>This course is suitable for:</p> <ul style="list-style-type: none"> • Airline, Airport and Ground Operations Service providers • Corporate and Operational Safety Managers, Analysts, Coordinators • Airport Safety Officers • Civil Aviation Authority Representatives
COURSE AIM	<p>This course will cover the following topics:</p> <ul style="list-style-type: none"> • Safety Culture Concepts, Rationale <ul style="list-style-type: none"> - Levels of culture - Benefits of implementing a safety culture • Safety Culture Assessment <ul style="list-style-type: none"> - Characteristics of a safety culture - How to conduct a safety culture assessment • Safety Culture Alignment within the Organization <ul style="list-style-type: none"> - Challenges of implementing a safety culture - Considerations for developing a safety culture • Light-Sport Aviation regulation • Light-Sport Aircraft Airworthiness Certification process .
COURSE OBJECTIVES	<ul style="list-style-type: none"> • The course objectives are: • Learn proven skills to lead and drive the SMS implementation in an organization. • Put project management essentials into practice • Identify and address the challenges in implementing a SMS • Develop a foundation for risk management • Acquire a comprehensive SMS implementation tool box

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- Acquire a comprehensive Light-Sport Aviation regulation
 - Light-Sport Aircraft Airworthiness Certification process

AVIATION MEDICINE CONCEPTS FOR MEDICAL EXAMINERS – INTRODUCTORY COURSE AERO-MEDICAL REQUIREMENTS

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>This course will be of very significant benefit to:</p> <ul style="list-style-type: none"> • Representatives from both Industry and Authority, with an emphasis on Aviation Medicine • Stakeholders and other Organizations involved in Aviation Medicine and Licensing activities • Individual holders of pilot’s licenses and ratings with a medical background interested in aviation medicine as a
COURSE AIM	<p>The course provides the opportunity to fulfill the requirements for refresher training for AMEs and the training requirements for transition from other certification systems to those that are applicable now and in the future.</p> <p>The course gives a comprehensive introduction into the requirements. A lot of clinical examples from practical aviation medicine will be presented and discussed by the participants.</p> <p>The course is an opportunity to liaise with other international specialists in aviation medicine and networking in the realm of aviation medicine.</p> <p>It offers an introduction to the ICAO Manual of Civil Aviation Medicine (Doc 8984).</p>
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • describe a Standard and a Recommended Practice (SARP); • describe selected ICAO medical SARPs related to assessment of aeromedical risk; highlight appropriate

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guidance material from the ICAO


- Describe the aeromedical decision-making process of determining the medical fitness of pilots, air traffic controllers, and license applicants.

DANGEROUS GOODS REGULATIONS AWARENESS: PART

I

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>The training is most beneficial for:</p> <ul style="list-style-type: none">• State employees involved in the oversight and administration of regulations related to the transport of dangerous goods by air• Airport employees who deal with dangerous goods in their role
COURSE AIM	<p>Using the Technical Instructions:</p> <p>This course provides State employees with the knowledge and skills required to determine when a consignment of dangerous goods is classified, packed, marked, labelled, documented, accepted, handled, and transported in accordance with Annex 18 and the Technical Instructions.</p> <p>This course could also be of benefit to shippers, packers, freight forwarders, operators and ground handling agents, and security staff.</p>
COURSE OBJECTIVES	<p>Upon successful completion of Parts 1 and 2 of this Program, trainees will be able to:</p> <ul style="list-style-type: none">• describe the legal obligations related to the transport of dangerous goods by air;• identify whether a consignment of dangerous goods is correctly• classified, packed, marked, labelled, documented, accepted, and• transported in accordance with the Technical Instructions;• establish and maintain a dangerous goods oversight



	<p>Program;</p> <ul style="list-style-type: none">• evaluate the dangerous goods component of an operator’s application for an air operator certificate;• evaluate an operator’s dangerous goods training Program;• evaluate the dangerous goods component of an operator’s operations manual;• conduct dangerous goods inspections;• conduct dangerous goods investigations
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GOVERNMENT SAFETY INSPECTOR– PERSONNEL LICENSING (GSI–PEL)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>This course will be of very significant benefit to:</p> <ul style="list-style-type: none"> • flight crew licensing operations inspectors; • maintenance licensing inspectors; • licensing officers or administrative licensing staff; and <p>operations inspectors and airworthiness inspectors assigned to the CAA Personnel Licensing (PEL) office</p>
COURSE AIM	<p>This course is intended for CAAs involved in developing or upgrading their own State licensing or PEL systems. The course is intended to be taken as a group composed of personnel assigned to a CAA’s PEL office.</p> <p>Participants are taught how to establish and maintain a CAA PEL office and consider various factors associated with obtaining services for the PEL system from an outside service provider.</p> <p>Participants will be instructed on how to develop knowledge tests for a licensing system and how to ensure the tests’ validity. Participants will learn the licensing process from application to issuance of a license, in addition to procedures for validation or conversion of a foreign license and suspension or revocation of a license. Classroom exercises will provide practice in how to determine if an applicant is eligible for the license sought, and if the license applicant successfully completed the demonstrations required for a license.</p>
COURSE OBJECTIVES	<p>The course is based on the International Civil Aviation Organization’s (ICAO) Standards and Recommended Practices (SARPs), Model Civil Aviation Regulations (MCARs) and technical guidance</p>

Upon successful completion of this course, participants will be able to:

- establish and maintain a CAA PEL system;
- obtain knowledge-testing services from an outside provider;
- manage a knowledge-testing system;
- evaluate a license application for completeness and accuracy;
- administer, grade, and document the results of knowledge tests;
- conduct flight crew license skill tests;
- conduct maintenance technician skill tests;
- Validate and convert foreign licenses; and suspend or revoke a license.

GSI AIRWORTHINESS– AIR OPERATOR AND APPROVED MAINTENANCE ORGANIZATION CERTIFICATION (GSI- AIR)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>This course will be of very significant benefit to:</p> <ul style="list-style-type: none"> • Aircraft Maintenance Engineers; • Technicians; • Mechanics (AME); and • Airworthiness Manager.
COURSE AIM	<p>with at least five years' experience in the airworthiness field</p> <p>This course covers the basic concepts and steps involved in certifying an approved maintenance organization and an air transport operator. Participants will be taught the five-phase certification process based upon ICAO Standards and Recommended Practices (SARPs) and Model Civil Aviation Regulations (MCARs). Part One Covers Approved Maintenance Organization (AMO) Certification and Part Two Covers Air Transport Operator Certification (AOC).</p> <p>During the course, participants will follow a —mock maintenance organization and then a mock operator seeking certification throughout each phase of the certification process. Exercises will be conducted in which participants must evaluate excerpts of —mock maintenance organizations and operator's manuals. Participant exercises will also provide practice in evaluating observations of the maintenance organization's and the operator's demonstrations to ensure compliance with the MCARs and advisory material</p>

COURSE OBJECTIVES

Upon successful completion of this course, participants will be able to:

- evaluate a prospective Operator's Pre-Assessment Statement Form;
- identify Pre-Application Meeting Objectives;
- review a —mock|| Approved Maintenance Organization (AMO) formal application and identify formal application meeting objectives;
- evaluate portions of an applicant's Maintenance Procedures Manuals (MPM) and identify unacceptable errors;
- evaluate an applicant's training curriculum and determine if initial approval can be granted;
- evaluate the results of a main base inspection and determine inspector actions;
- complete a —mock|| AMO certificate and Standard Operating Procedures (SOPs) and identify items that must be included in the certification report;
- evaluate an excerpt from a mock operator's Maintenance Control Manual;
- evaluate a —mock|| operator's proposed Minimum Equipment List (MEL) and identify Configuration Design Limitations (CDL);
- evaluate an inspection report from a —mock|| operator's conformity inspection;
- identify recommendations involving inspector observations/ reports of demonstration flights; and
- complete a —mock|| operator's certificate and SOPs and identify items to include in the certification report.

GSI OPERATIONS- AIR OPERATOR CERTIFICATION (GSI-OPS)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>This course will be of very significant benefit to:</p> <ul style="list-style-type: none"> • operations inspectors • aviation safety inspectors.
COURSE AIM	<p>tasked with certification of air operators</p> <p>This course covers the basic concepts and steps involved in certifying an air transport operator. Participants will be taught the five-phase certification process based upon ICAO Standards and Recommended Practices (SARPs) and Model Civil Aviation Regulations (MCARs). During the course, participants will follow a —mock operator seeking certification throughout each phase of the certification process. Exercises will be conducted in which participants must evaluate excerpts of the mock operator’s manuals and observations of the operator’s demonstrations to ensure compliance with the MCARs and advisory material.</p> <p>This course was designed using the ICAO TRAINAIR PLUS course development methodology.</p>
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • evaluate prospective operators Pre-Assessment Statement forms for acceptability; • identify Pre-Application Meeting Objectives; • conduct a cursory review of the packages and, from the review, evaluate the quality of one package and identify formal application meeting objectives for the other package;

- conduct an in-depth evaluation of an excerpt from a mock Operations Manual;
- evaluate a sample curriculum segment from a mock operator's training Program;
- evaluate an excerpt of a mock operator's Cabin Attendant Manual for acceptability;
- evaluate a mock operator's proposed Minimum Equipment List (MEL) and Configuration Design List (CDL);
- evaluate an excerpt of a mock operator's Aircraft Loading and Handling Manual for acceptability and identify errors;
- evaluate the results of an inspector's main base inspection for acceptability and determine inspector actions;
- evaluate inspector observations of a training Program and facilities for acceptability and determine the correct inspector actions;
- determine appropriate recommendations for scenarios involving inspector observations/reports; and
- complete a mock operator's certificate and SOPs and identify items that must be included in the certification report.

GSI OPERATIONS– APPROVED TRAINING ORGANIZATION CERTIFICATION (GSI-ATO)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>The training is designed for government safety inspectors who are responsible for certifying approved training organizations and approving training curricula for Flight Crew Licenses and related activities.</p> <p>This course provides in-depth knowledge and skill in the duties involved in certifying an Approved Training Organization (ATO) from the perspective of an Operations Inspector. The course follows a —mock ATO, seeking certification throughout the five-phase certification process.</p>
COURSE AIM	<p>The certification process is based on International Civil Aviation Organization (ICAO) Standards and Recommended Practices (SARPs) and Model Aviation Laws, Regulations, and technical guidance.</p> <p>The course modules include: the phases involved in the certification of an Approved Training Organization; the evaluation of an ATO Quality System Manual; the evaluation of an ATO Training Curriculum; and the issuance of an ATO Certificate. The roles and responsibilities of government personnel involved in the certification process are also addressed.</p> <p>This is a performance-based course presented in traditional lectures in addition to student activities and mastery tests.</p>
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • evaluate the prospective applicant’s Pre-Assessment Statement Form that occurs in the Pre-Application Phase for the Approved Training Organization (ATO); • plan and organize a meeting with a prospective Approved Training

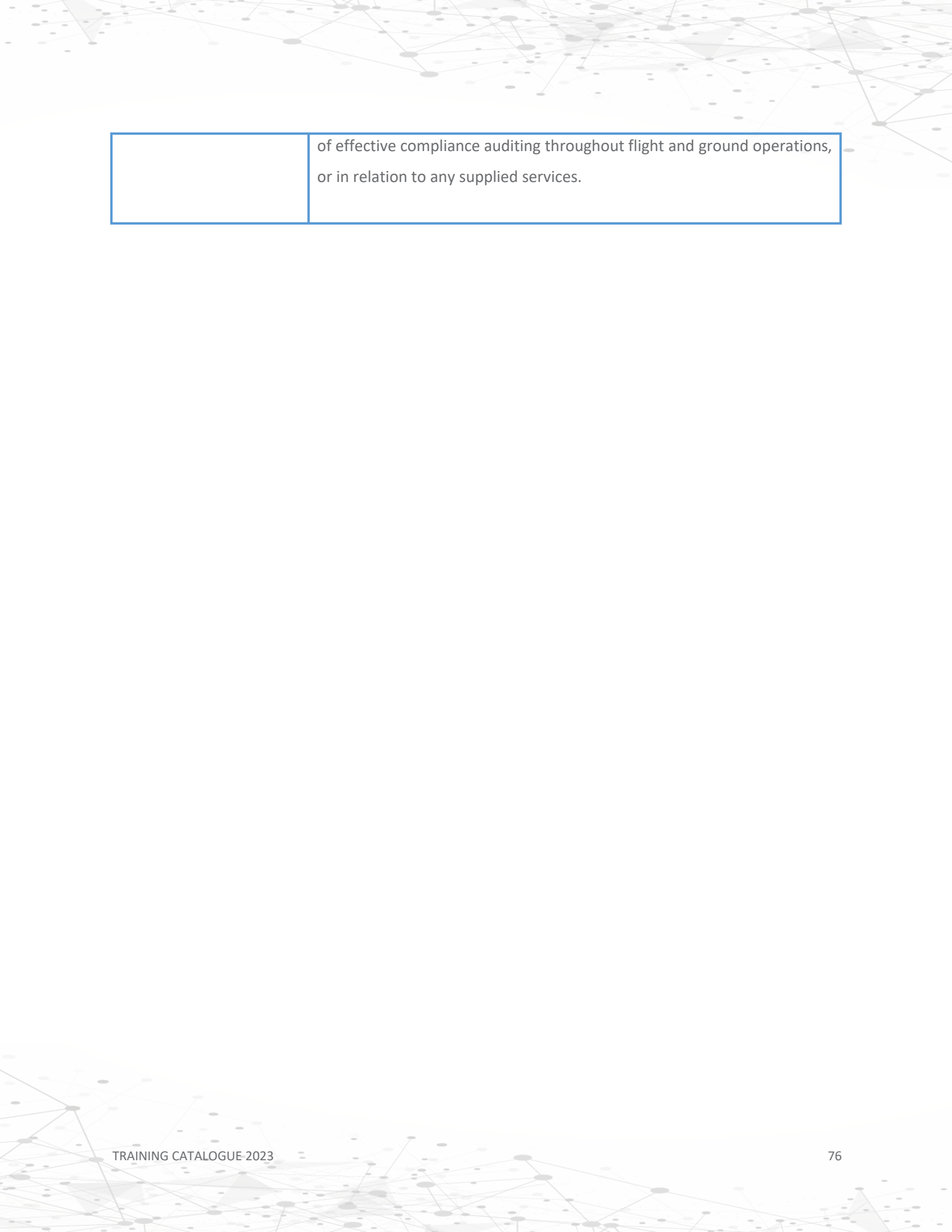
Organization's applicant that occurs during the Pre-Application Phase;

- provide a cursory review of the Application Package and Question to Applicants during a Formal Application Meeting that occurs in the Formal Application Phase;
- conduct an in-depth review of an Approved Training Organizations' Procedures Manual that occurs in the Document Evaluation Phase;
- provide the skills necessary to inspect a prospective organization's facilities to comply with the Demonstration and Inspection Phase;
- evaluate a Training Organization Quality Manual and other documents;
- evaluate a Training Organization's proposed curriculum for training for Flight Crew Licenses; and
- issue the certificate based on the final approval of the Approved Training Organization Certificate and Training Issuance Phase process.

AUDITING TECHNIQUES FLIGHT & GROUND OPS PART OPS COMPLIANCE MONITORING

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	This course is suitable to Compliance Managers, Quality Managers, Audit Managers, auditors and those who need to have the necessary understanding and competence to set up and implement a compliance monitoring system including the conduct of effective compliance auditing throughout flight and ground operations, or in relation to any supplied services.
COURSE AIM	Safety in flight and ground operations requires a well-developed and effectively implemented Management System. An AOC holder will need to ensure therefore that the management system, related processes and associated procedures are being effectively implemented together with adequate discharge of responsibilities to ensure continued compliance with Part OPS and company requirements. Part OPS requires an effective compliance monitoring process that provides adequate feedback to the Accountable Manager, together with determination of root causes of findings and adequacy of corrective actions.
COURSE OBJECTIVES	This course aims to provide comprehensive training in compliance monitoring techniques to facilitate a fully effective compliance monitoring process in relation to flight and ground operations and supporting the achievement business objectives. The course is highly participative, and promotes best practices that have become the benchmark in the industry After attending this course, participants should have the confidence to set up and implement a compliance monitoring system including the conduct

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of effective compliance auditing throughout flight and ground operations, or in relation to any supplied services.

FLIGHT PERMISSION OFFICER (FPO)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>The training is most beneficial for:</p> <ul style="list-style-type: none">• flight permission officers;• ground operations officers;• ground handling services agents; and• slot allocation coordinators. <p>With at least 2 years' experience in Civil Aviation and/or Air Transport industry</p>
COURSE AIM	<p>This course will provide flight permission officers with the necessary knowledge, skills and attitudes required to handle flight permission requests /notifications efficiently and effectively in accordance with applicable national and internationally prescribed standards and recommended practices.</p>
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none">• manage scheduled flight permission requests;• handle commercial non-scheduled flight permission requests;• follow up diplomatic flight permission approval; and• deal with urgent flight permission requests

RAMP SAFETY AWARENESS

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>The training is most beneficial for ramp safety personnel.</p> <p>This course will provide participants with sufficient knowledge, skills and attitudes required to implement and maintain the Ramp Safety in accordance with national regulations and ICAO standards.</p>
COURSE AIM	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none">• identify required safety equipment used at the ramp Area;• identify hazards and manage risks;• identify Ramp Area markings and signage;• apply radio telephony techniques; and• apply appropriate action for special handling of abnormal situations.
COURSE OBJECTIVES	

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AVIATION ENVIRONMENT

Workshop to develop national carbon emission reduction plans.

<u>Duration</u>	4 days
<u>Language</u>	English / French
<u>Target Population</u>	Environmental focal points of States, Civil Aviation Authority environmental supervisors, Airport Authority environmental supervisors, Air Transport companies' environmental supervisors
<u>Course Aim</u>	The workshop aims to highlight the action plans of countries to reduce emissions and future challenges.
<u>Course Objectives</u>	to exchange information and best practices among member States to monitor and track climate changes related to the environment.

Workshop on new ICAO carbon emission standards.

<u>Duration</u>	3 days
<u>Language</u>	English / French
<u>Target Population</u>	Environmental focal points of States, Civil Aviation Authority environmental supervisors, Airport Authority environmental supervisors, Air Transport companies' environmental supervisors
<u>Course Objectives</u>	This workshop aims to promote the application of the standards and methods of work recommended in the annexes to the Convention on Civil Aviation concerning the Environment.

Course on environmental quality standards and gas emissions.

<u>Duration</u>	<u>6 days</u>
<u>Language</u>	<u>English / French</u>
<u>Target Population</u>	Environmental focal points of States, Civil Aviation Authority environmental supervisors, Airport Authority environmental supervisors, Air Transport companies' environmental supervisors
<u>Course Objectives</u>	This training course on environmental management and carbon inventory in accordance with ISO 14001, ISO 19011, ISO 14064 and ISO 14069 aims to explain the guidelines for the said international standards, to implement the environmental management system through a valuable chain of civil aviation, including authorities, airports and airlines, to simplify internal audits of environmental management and carbon inventory systems, to take steps towards control, monitoring, reporting and verification approaches, and to establish operating systems, through direct emissions and indirect emissions of identified gases.

EMISSION TRADING AND CO2 REDUCING

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	Personnel working in the aviation authorities and airlines.
COURSE AIM	Recognize the systems used in carbon trading and possible scenarios for the global carbon market
COURSE OBJECTIVES	<ul style="list-style-type: none">• History of the emission trading.• EU carbon emissions trading system.• ICAO' s role and the alternative scenarios• Arab countries and the future challenges for emissions trading.

AIRPORT GREENHOUSE GAS MANAGEMENT

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	Personnel working in the aviation authorities and airlines.
COURSE AIM	How to develop sustainable carbon management advanced system for the management of the environment at airport with a focus on pollution and the reduction of emissions of greenhouse gases generated by airport activities.
COURSE OBJECTIVES	<ul style="list-style-type: none">• Greenhouse gases resources.• Mitigate and adapt to those sources.• National plans to reduce the greenhouse gases effects on the environment.• The importance of improving the fuel efficiency annually to mitigate the harmful effects of Greenhouse gases

AVIATION AND ALTERNATIVE FUEL

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	The personnel working in the aviation authority, airlines and ministries of energy and transport.
COURSE AIM	Identify the important technics used to product alternative fuel in order to improve its efficiency.
COURSE OBJECTIVES	<ul style="list-style-type: none">• Identification of alternative fuel user in global markets.• Alternative fuel and global experiences.• Alternative fuels and global politics.

NOISE AND LOCAL AIR QUALITY

DURATION	3 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	The personnel working in the aviation authorities, airlines and ministries of environment.
COURSE AIM	Identify the international legislation related to reduce the noise and the impact of carbon emissions on local air quality and how to mitigate its adverse impacts on the environment.
COURSE OBJECTIVES	<ul style="list-style-type: none">• The noise and the international legislation.• The noise and its adverse impact on the safety of the Airports workers.• Local air quality and the regulating legislation.• How to monitor and measure the harmful gases

AIRPORT ENVIRONMENT PROTECTION

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	Personnel working in the aviation authorities, airlines, and the ministries of transport.
COURSE AIM	Highlight the possible measures implemented at airports in order to preserve and protect the environment from the impact of the civil aviation industry in the Arab world.
COURSE OBJECTIVES	<ul style="list-style-type: none">• Recognize the annex 16 (volume 1,2,3).• Environmental records and how do deal with it.• The impact of aviation emissions on global precautions.• The noise and the local air quality.• Planning and how to use the land around airport.

ENVIRONMENT ARAB COUNTRIES STRATEGIES

DETAILS

DURATION	2 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	Personnel working in the aviation authorities, airlines and the ministries of transport and foreign affairs.
COURSE AIM	Showing many Arab Countries plans and Strategies in the environment field and the Arab Civil Aviation Commission strategy in the environment and aviation industry field.
COURSE OBJECTIVES	<ul style="list-style-type: none">• Presentation of many Arab countries plans and strategies.• The ACAO strategy and the aviation industry.

NATIONAL CONTRIBUTION FOR CLIMATE CHANGE

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	Personnel working in the aviation authorities, airlines and the ministries of transport.
COURSE AIM	Access to international convention on climate change and the impact of the aviation industry on the climate as well as plans for countries to adapt and mitigate those effects, particularly the impact of aviation industry on the environment.
COURSE OBJECTIVES	<ul style="list-style-type: none">• Climate change (reality and trends).• The impact of the aviation industry on the climate.• National contribution to reduce the climate pollution.• Templates of the plans (Arab countries)

ENERGY MANAGEMENT SYSTEMS (ENMS) AUDITOR/LEAD AUDITOR TRAINING COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / ARABIC / FRENCH
TARGET POPULATION	<ul style="list-style-type: none"> • Energy Managers • Compliance Managers • Management representatives • Those who want to become third-party auditors for ISO 50001 • It is recommended that participants have the following prior knowledge before attending this course: <ul style="list-style-type: none"> • Knowledge of the requirements of ISO 50001 and, • Knowledge of the following energy management principles and concepts: <ul style="list-style-type: none"> • the principles of fuel combustion, heat transfer and energy flow • the relevant sources of energy regulation, guidelines and standards • the typical methods and technologies for increasing efficiency • energy measurement units, sources, costs, tariffs and scheduling • energy use data analysis methods • energy performance indicators, monitoring and performance measurement • the impact of organizational processes and equipment on energy efficiency • electricity use: motors, drives, lighting, computers

COURSE OBJECTIVES

train third party auditors (international auditors) in energy efficiency in compliance with iso 50001 for Arab airlines and airports

ENERGY MANAGEMENT SYSTEMS INTERNAL AUDITOR TRAINING COURSE (ISO 50001:2018)

DETAILS

DURATION	2 DAYS
LANGUAGE	ENGLISH / ARABIC / FRENCH
TARGET POPULATION	<p>Any person or team tasked with, or interested in, auditing the conformity and the effectiveness of an energy management system based on ISO 50001:2018.</p> <p>Please note: The implementation and the auditing of an ISO 50001-based energy management system requires different skill sets. Participants with an interest in implementation should consider completing the implementation course, before attending this internal audit course.</p>
Program	<p>Techniques to carry out an internal audit related to the energy management system of a given organization</p> <p>Methods to Apply and document internal audit activities and outputs in a concise, consistent and informative manner</p> <p>Assess and attest that your energy management system is in conformity with ISO 50001 and it is implemented effectively</p> <p>Be confident that you are demonstrating energy performance improvements</p> <p>Prepare your organization for third-party audit of its energy management system</p>
COURSE OBJECTIVES	train internal auditors in the field of energy efficiency for Arab airlines and airports in compliance with iso 50001

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SECURITY & FACILITATION

Threat and Risk Assessment Workshop.

<u>Duration</u>	3 days
<u>Language</u>	English / French
<u>Target Population</u>	Responsible for national policy, strategy and planning in the field of aviation security, specialized experts in the charge of law enforcement, customs and border security, regulatory authorities, specialists responsible for threat and risk assessment.
<u>Course Aim</u>	This interactive workshop will highlight the importance of risk management to protect civil aviation against the acts of unlawful interference.
<u>Course Objectives</u>	<p>In the end of workshop, the participants will be able to:</p> <ul style="list-style-type: none"> • apply a risk assessment method based on threat identification and assessment; • familiarize with guidance material included in the ICAO Statement on the Context of Global Aviation Security Risks; • have the skills required to employ risk management methodology in determining the appropriate level of security threats to civil aviation security.

Workshop on the qualification of national ICAO security audit coordinators.

<u>Duration</u>	5 days
<u>Language</u>	Arabic / English / French
<u>Target Population</u>	CAA aviation security supervisors, Airport Authority aviation security officers, airline aviation security supervisors, air navigation service providers
<u>Course Aim</u>	This workshop aims to highlight the importance and role of the National Coordinator in the audit process
<u>Course Objectives</u>	To help participants to: <ul style="list-style-type: none"> • understand the audit process; • familiarize with role and powers of the national coordinator; • how to coordinate and communicate with stakeholders.

Workshop on the implementation of the procedures contained in the road map for the Global Aviation Security Plan.

<u>Duration</u>	3 days
<u>Language</u>	English / Arabic
<u>Target Population</u>	CAA aviation security managers, airport and airline aviation security officers, as well as security control supervisors
<u>Course Objectives</u>	This workshop is a mechanism to monitor the implementation of the procedures set out in the Road Map for the Global Plan for Civil Aviation Security in the Arab Group and the achievement of the objectives set forth in this Plan among the Member States.

Workshop on managing health crises.

<u>Duration</u>	3 days
<u>Language</u>	English / French
<u>Target</u> <u>Population</u>	Participants attending should be drawn from senior to middle management positions within Appropriate Authorities and involved in the industry recovery action plan. Representatives from Airports Operators, Airlines, Air Navigation Service Providers, Airlines, and any other relevant stakeholder invited by civil aviation officials will also be welcome.
<u>Course</u> <u>Objectives</u>	The workshop aims to provide an overview of the standards and guidance materials related to managing health crises at border points and responding to the spread of viruses.

Workshop on the Security of Air Navigation Service Providers.

<u>Duration</u>	3 days
<u>Language</u>	English / French
<u>Target Population</u>	Civil Aviation Authority aviation security supervisors, Airport Authority aviation security officials, aviation security officials of air navigation service providers
<u>Course Aim</u>	This workshop aims to highlight the threats facing air navigation systems and air navigation facilities.
<u>Course Objectives</u>	To review the preventive measures and best practices in dealing with threats and how to implement security measures to protect these facilities.

AVIATION SECURITY CRISIS MANAGEMENT SIMULATION

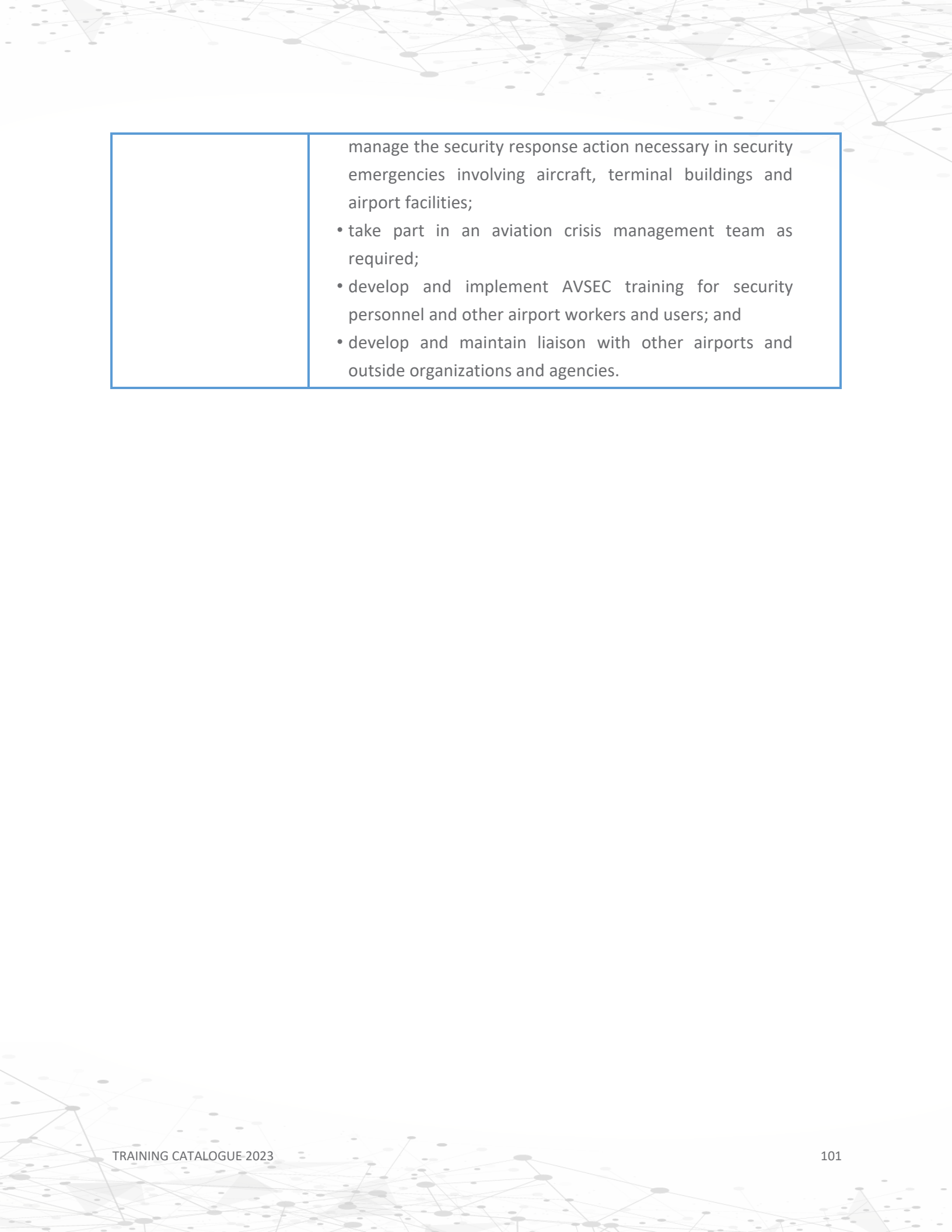
DETAILS

DURATION	4 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for entry-level security staff from:</p> <ul style="list-style-type: none"> • Airports • Cargo companies • Security service providers • Law enforcement agencies using screening equipment • Mail and courier companies
COURSE AIM	<p>This course provides a solid foundation for new recruits to complement on-the-job training. Using our continuously updated simulation system, participants can practice their x-ray screening and threat detection skills in the safety of the classroom.</p> <p>This course provides you how to improve your skills in X-ray Screening:</p> <ul style="list-style-type: none"> • X-ray screening equipment and methods • Inner workings of screening equipment • Cargo and mail screening techniques • Safety using detection technology • Identifying weapons and IEDs in an x-ray • Screening packed luggage and cargo package
COURSE OBJECTIVES	<p>Upon completing this course, you will be able to:</p> <ul style="list-style-type: none"> • Certify staff to perform x-ray screening • Certify staff in their field of specialization (baggage or cargo) • Train staff on the current threats to aviation security • Provide a practice environment to apply threat detection methodologies and screening skills

MANAGEMENT COURSE

DETAILS

DURATION	8 DAYS
LANGUAGE	ENGLISH / FRENCH
TARGET POPULATION	The training is most beneficial for existing personnel at the supervisory level with the potential for promotion to the managerial level, and existing personnel at that level employed by the authority or organization primarily responsible for the application of aviation security preventive measures at airports.
COURSE AIM	This course will train aviation security personnel at the managerial level to plan, coordinate and implement the application of airport security preventive measures in accordance with approved programs.
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • explain the origin and purpose of ICAO aviation security related legal instruments, Annex 17, and the Security Manual (ICAO Doc 8973); • apply basic concepts of management to aviation security and explain the specialist role of the aviation security manager; • plan, develop and organize the human and material resources necessary for the effective operation of an aviation security unit; • plan and administer the financial budget for a security unit; • advise on the development of aviation security programs and Standard Operating Procedures (SOPs); • monitor and enforce the implementation of aviation security programs and SOPs; • verify that security personnel are able to implement aviation security preventive measures; • advise on the development of airport emergency plans and

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	<p>manage the security response action necessary in security emergencies involving aircraft, terminal buildings and airport facilities;</p>
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- take part in an aviation crisis management team as required;
- develop and implement AVSEC training for security personnel and other airport workers and users; and
- develop and maintain liaison with other airports and outside organizations and agencies.

CARGO/MAIL SECURITY RISK ASSESSMENT AND MANAGEMENT

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / FRENCH
TARGET POPULATION	<p>The training is most beneficial for :</p> <ul style="list-style-type: none"> • personnel responsible for the development, implementation and oversight of air cargo and mail security measures; • Staff of State authority responsible for aviation security, other regulatory authorities, airports, airlines, and/or other stakeholders that have an active role in maintaining air cargo and mail security. This course is also appropriate for national AVSEC instructors who are, or will be responsible for training similar subject matter
COURSE AIM	<p>Implementation and oversight of air cargo and mail security. It provides information on the purpose and intent of existing security measures, the implementation of appropriate security controls for cargo consignments, and the appropriate emergency response procedures in the event of a cargo security incident.</p>
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • appreciate the origin and purpose of security measures and procedures necessary for the protection of cargo, courier/ express parcels, mail and operators' supplies; • understand the nature of the threat posed to aircraft by explosives and other dangerous substances; • understand the concept of secure supply chain;

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| | <ul style="list-style-type: none">• apply appropriate security controls to cargo consignments;• inspect, screen or search consignments in accordance with prescribed security principles;• ensure that all cargo facilities, vehicles, containers and equipment are subject to security control; and• apply proper response action to an airline security emergency related to suspect cargo. |
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NATIONAL INSPECTORS COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	Nominees should have already attended a specialized AVSEC training activity, such as the National Quality Control Program Workshop and/or have regulatory experience prior to attending this course. In order to receive a certificate of successful completion, participants will be required to pass an end-of-course exam based on Annex 17, the Security Manual Doc 8973 (Res) and materials presented during the course.
COURSE AIM	The course provides trainees with theoretical and practical knowledge of fundamental aspects of the audits and inspections as a part of a National Quality Control system. Trainees are provided with a standard methodology as well as specific techniques. The course is concluded by an exercise conducted at the airport.
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • define aviation security audits and inspections; • determine the duties and specific skills required by an inspector; • determine the appropriate methodology necessary to conduct security inspections within the scope of a National Aviation Security Quality Control system; and • prepare for, conduct, and present findings related to an aviation security inspection within the context of an exercise.

SECURITY DOCUMENTARY FRAUD AND MONETARY FRAUD DETECTION

DETAILS


DURATION	4 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	Anyone brought to control identity documents and banknotes and for which only awareness is required (personal airlines, handling agents, employees banking companies, cashiers shopping centers, merchants)
COURSE AIM	<p>TRAINING PROGRAM</p> <ul style="list-style-type: none"> • The security of identity documents and banknotes and the general principles applicable to any secure medium: paper, watermark, printing, specific inks, personalization. • Practical work with documents and banknotes • Fraud detection techniques • Practical work with documents • The use of the document by a third party: to foil mimicry, • Practical work with slide show. • The support of a database
COURSE OBJECTIVES	<p>At the end of the internship, the participant will be able to detect a material or intellectual fraud in an identity document and / or bank note by showing the anomalies.</p> <p>Participants will be able to:</p> <ul style="list-style-type: none"> • Define and identify fraud in its various aspects • Determine the security elements of an administrative document or bank note in order to authenticate it or establish the nature of a fraud - Evaluate your knowledge in order to return them to an awareness day



INSTRUCTORS COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>The training is most beneficial for:</p> <ul style="list-style-type: none"> • personnel involved in the development, management and/or instruction of training materials related to a civil aviation security training Program; and • management, supervisors and personnel involved in the instruction of aviation security including the: <ul style="list-style-type: none"> - State's appropriate Authority for Aviation Security involved in the instructional duties or implementation of training programs; - airport operators; - aviation security service providers; and - Other government or industry entities directly involved in the implementation of security measures.
COURSE AIM	<p>In this course, graduates will be able to conduct AVSEC courses and be fully versed in the general application of training principles, the preparation of appropriate teaching aids, and the tailoring of course material to harmonize course objectives with local and national requirements. It is intended for any aviation personnel who require AVSEC instruction guidance and materials.</p>
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • apply general principles of learning and instruction; • determine training objectives and devise tests to evaluate progress towards their achievements; - decide on the instructional method (individual or group tuition) best suited to the course; • plan and implement courses of instruction;

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| | <ul style="list-style-type: none">• select, prepare and use appropriate teaching aids; and• use validated, material-dependent course materials, such as TRAINAIR PLUS Standardized Training packages (STPs) |
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NATIONAL CIVIL AVIATION SECURITY TRAINING PROGRAM WORKSHOP (NCASTP)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	Participants should be at the senior or middle management level with a role in the development, implementation and/or oversight of the NCASTP.
COURSE AIM	This interactive workshop is designed for participants to familiarize themselves with the general principles of a National Civil Aviation Security Training Program (NCASTP). The workshop will also provide participants with the knowledge and skills necessary to develop and implement a NCASTP that addresses training requirements, including certification according to their National Civil Aviation Program. This workshop creates an opportunity for participants to develop a draft of NCASTP by utilizing the ICAO template.
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • determine the appropriate methodology required to develop a National Civil Aviation Security Training Program and the processes to ensure its maintenance, updates and revisions; and • Develop and draft a National Civil Aviation Security Training Program

NATIONAL CIVIL AVIATION SECURITY PROGRAM WORKSHOP (NCASP)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	It is recommended that nominees be at the senior or middle management level within the State's appropriate authority who are responsible for the control, drafting, review, updating and/ or implementation of NCASP.
COURSE AIM	Familiarize participants with the requirements of a National Civil Aviation Security Program (NCASP) and enable them to draft and review such a Program.
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • determine the appropriate methodology required to develop a National Civil Aviation Security Program and the processes to ensure its maintenance, updates and revisions; and • Develop and draft a National Civil Aviation Security Training Program.

AVIATION SECURITY CERTIFICATION SYSTEMS WORKSHOP (ASCS)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	The workshop is most beneficial for personnel responsible for the development, implementation and/or oversight of AVSEC certification systems.
COURSE AIM	This interactive workshop will familiarize participants with the general principles of developing, implementing and maintaining an aviation security certification system, with an emphasis given to screener certification, AVSEC instructor certification and national inspector certification.
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • determine the appropriate methodology required to develop programs that can be used as the foundation for developing specific State certification systems and/or be incorporated into existing ones; • determine the processes to ensure its maintenance, updates and revisions; and • develop and draft programs that can be used as the foundation for developing specific State certification systems.

NATIONAL CIVIL AVIATION SECURITY QUALITY CONTROL PROGRAM WORKSHOP (NCASQCP)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	Nominees should be at the senior or middle management level with responsibility for the development, approval and/ or implementation of quality control activities. Participants should also have previous knowledge and/or experience in aviation security (AVSEC) oversight functions. It is suggested that States currently in the process of drafting or updating their NCASQCP consider nominating the individual(s) dedicated to this task for this workshop.
COURSE AIM	This interactive workshop is designed to provide aviation security management personnel with the knowledge and skills needed to develop effective aviation security quality control measures within the context of a National Civil Aviation Security Quality Control Program (NCASQCP). The workshop will also assist in the development of documentation, implementation methodology, and maintenance of appropriate oversight and internal quality assurance procedures.
COURSE OBJECTIVES	<p>Upon successful completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • determine the appropriate methodology required to develop a National Civil Aviation Security Quality Control Program and the processes to ensure its maintenance, updates and revisions; and • develop and draft a National Civil Aviation Security Quality Control Program.

RISK MANAGEMENT WORKSHOP

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	Nominees should be directly involved in the assessment or management of threats, vulnerabilities and/or risk on behalf of their State, including but not limited to the appropriate authority for aviation security, National Police, Intelligence Services, or, airports, airlines and other aviation security stakeholders.
COURSE AIM	This interactive workshop designed for aviation security management personnel, focuses on risk management as it applies to protecting civil aviation against acts of unlawful interference. The workshop will provide participants with the opportunity to assess risk through the identification and evaluation of threats, consequences and vulnerabilities. This workshop will expose participants to guidance material incorporated in the ICAO Global Risk Context Statement and provide the skills necessary to apply risk management methodology when determining the appropriate level of security measures to be implemented.
COURSE OBJECTIVES	Upon successful completion of this course, participants will be able to: <ul style="list-style-type: none">• identify and evaluate potential threats and consequences;• identify and evaluate vulnerabilities;• understand risk in the context of risk management; and• establish risk management methods, tools and techniques to assist in development of effective risk management.

AIRPORT SECURITY PROGRAM WORKSHOP (ASP)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	It is recommended that nominees be at the senior or middle management level within the State's appropriate authority, or within an airport who are responsible for the approval, quality control, drafting, updating and/or implementation of ASPs. It is also recommended that participants have attended a specialized AVSEC training activity, such as the ICAO National Civil Aviation Security Program Workshop or Management Course, prior to attending this workshop.
COURSE AIM	This interactive workshop is designed to familiarize participants with the requirements of an Airport Security Program (ASP) and enable them to draft and review such programs.
COURSE OBJECTIVES	Upon successful completion of this course, participants will be able to: <ul style="list-style-type: none">• determine the appropriate methodology required to develop an Airport Security Program and the processes to ensure its maintenance, updates and revisions; and• develop and draft an Airport Security Program

NATIONAL FAL PROGRAM WORKSHOP

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	Its recommended that nominees be at the senior or middle Management level within the State's appropriate authority who are responsible for the control, drafting, review updating and or implementation of the national FAL Program and also the members of facilitation coordinating bodies of contracting states at the national and airport levels as well as persons involved in international air transport activities
COURSE AIM	Familiarize participants with the requirements of a national FAL Program and enable them to draft and review such as a Program.
COURSE OBJECTIVES	Upon successful completion of this course, participants will be able to: <ul style="list-style-type: none">• Determine the appropriate methodology required to develop a national FAL Program and the processes to ensure its maintenance, updates and revisions, and.• Develop and draft a National FAL programs

SECURITY – TRAIN THE TRAINER DOCUMENTARY

FRAUD

DETAILS

DURATION	4 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>Personal airlines, banking organizations and private security companies, social organizations who are required to check identity documents on a daily basis, and who have the possibility of returning their assets to awareness-raising sessions in their respective organizations, companies or services.</p> <p>TRAINING PROGRAM</p> <ul style="list-style-type: none"> - The security of official documents (identity, travel and bank notes) and the general principles applicable to any document: paper, watermark, printing, specific inks, personalization. - Practical work with documents - Techniques for detecting forgery - Practical work with documents - Counterfeit detection techniques - Practical work with document - The use of the document by a third party: to foil mimicry, - Practical work with slide show. - The animation technique of an awareness session - Practical exercise of animation;
COURSE AIM	-

COURSE OBJECTIVES

At the end of the internship, participants will be able to determine a material or intellectual fraud in an administrative document, bank note or all secure documents by showing the anomalies and conduct an awareness session in their service.

Participants will be able to:

- Detect security of official documents
- Highlight fraud with the appropriate technical means

Facilitate an awareness session

GROUND DISRUPTIVE PASSENGERS MANAGEMENT (GDPM)

DETAILS


DURATION	1 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	
COURSE AIM	
COURSE OBJECTIVES	<p>At the end of the training, participants will be able to:</p> <ul style="list-style-type: none"> • Understand the organizational framework, and the points of law relating to disruptive passengers on the ground. • Recognize a disruptive situation, representing a security risk. • Recognize typical behavioral markers • Detect Functional Indices (Impaired Faculties) • Identify yourself in the escalation of a conflict. (Map)\ • Choose and apply the appropriate intervention techniques to handle the situation. • To preserve the personal security and to take the means necessary for that of the person in question and or the immediate entourage. • Become proficient in the techniques to control a disruptive passenger. • Effective use of simple self-defense techniques in cases of violence • To initiate the procedure of handing over a detained passenger to the competent authorities <p>Program</p> <ul style="list-style-type: none"> • Organizational framework Safety and Quality of PAX Handling sector

- | | |
|--|---|
| | <ul style="list-style-type: none">• Legislation (National) on disruptive passengers / Airport environment• Ground Disruptive Passenger Management GDPM risk management• The human brain and its characteristics• Risk behavior behavioral markers• Impaired Functional Signs (Fatigue - Alcohol - Drugs)• Psychological Indices (Stress - Anxiety - Anxiety)• Indices and ladders in the escalation of a conflict.• Alternatives and application of intervention techniques.• Basic techniques self defense• Procedures and means of reinforcement for the safety of the immediate entourage.• Procedure for the declaration and surrender of a passenger retained by the competent authorities |
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UNRULY PASSENGER PREVENTION AND RESPONSE

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> - Air crew - ground staff - Check-in staff - passenger services staff - Security and customs officers
COURSE AIM	<p>For air carriers and airport, an unruly passenger can pose a real threat to the security of staff and other travelers and, in extreme cases, cause an airline costly delays.</p> <p>This course provides methodical training to help you deal with incidents with confidence. You will learn how to identify and calm unruly behavior.</p> <p>This course provides how to apply techniques in your operations:</p> <ul style="list-style-type: none"> - Observation techniques - Effective communication skills - De-escalation techniques - Restraint techniques - Self-defense response - Crew roles and responsibilities
COURSE OBJECTIVES	<p>On completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> - Understand what can trigger a passenger's aggression and the forms it can take - detect aggressive behavior before it starts - Determine the severity of an incident - Improve communication skills and the organization of roles within your team - use effective de-escalation techniques and restrain an

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	unruly passenger when required - Practice self-defence techniques.
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AVIATION CYBER SECURITY

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> - Government and regulator staff - Airline and airport security management - IT providers
COURSE AIM	<p>Cyber security is a fast and emerging threat to aviation operation. This course will help you to learn about common attack methods used by today's cybercriminal and the potential vulnerabilities in aviation systems. From case studies and demonstrations from IT experts, this course will help you will then learn the right practices when conducting a risk assessment in an aviation.</p> <p>This course will help you to understand.</p> <ul style="list-style-type: none"> - The current cyber threat landscape - Common methods of attack, including insider threat - Lessons learned from real cyber security incidents - International regulation and legislation, including ICAO Annex 17 - Cyber threat assessment and risk management
COURSE OBJECTIVES	<p>Upon completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> - Locate and prioritize cyber risks in aviation - Deploy assessment tools specific cyber related risk - Analyse your company's cyber risk profile - Recommended risk mitigation processes - Implement Cyber Security Management System guiding principles in your business.

SECURITY CHECKPOINT MANAGEMENT

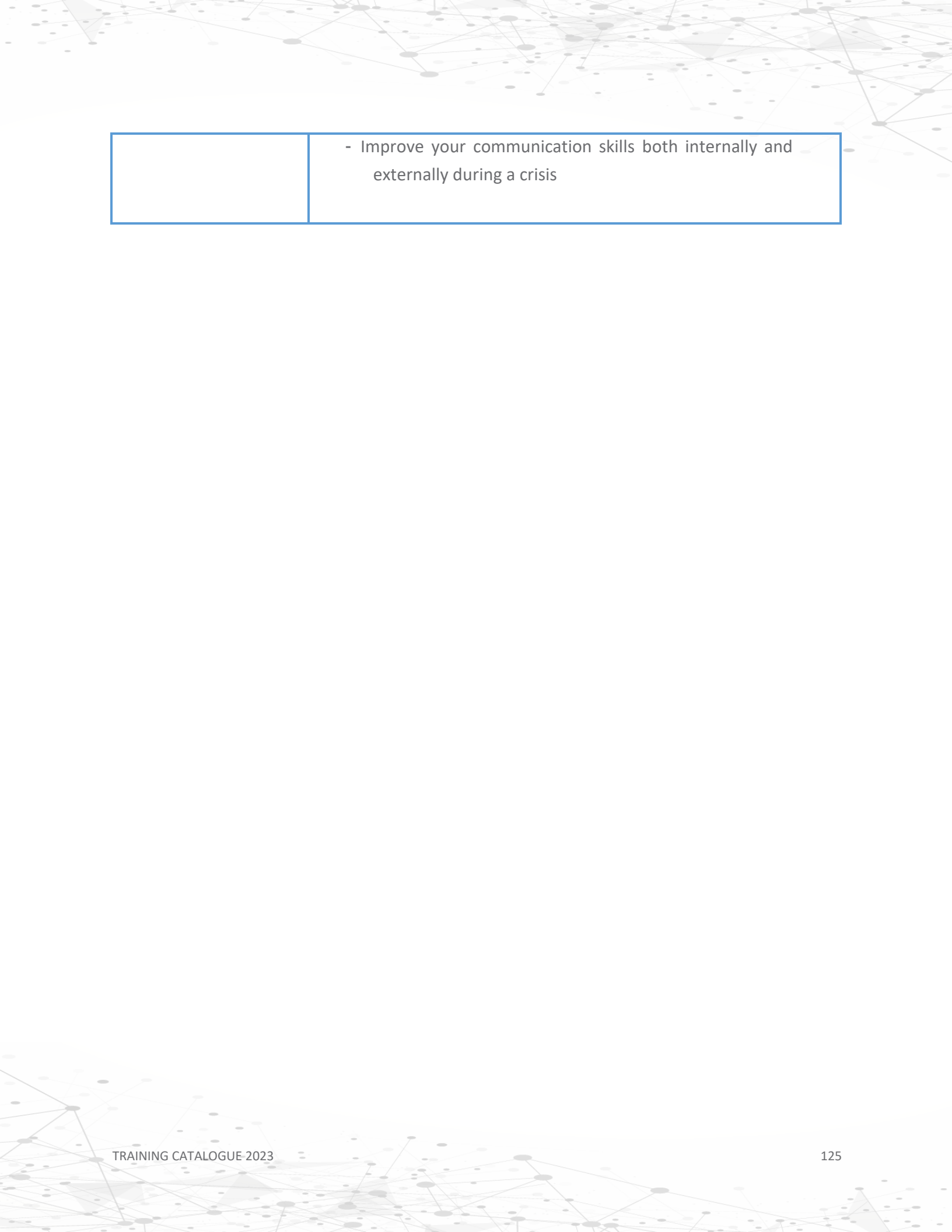
DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for the following security personnel from all areas of the aviation industry, law enforcement agencies and governments:</p> <ul style="list-style-type: none"> - Security managers - Security screening supervisors
COURSE AIM	<p>This course provides you with the latest assessment techniques for identifying weaknesses in your operations. Develop your staff by implementing stringent recruitment processes and recurrent training programs. Improve the use of your screening technology with the most current information on industry threats, new technologies and x-ray screening techniques.</p> <ul style="list-style-type: none"> - Managing the checkpoint (Risk-based security, Security quality control) - Smart Security (Passenger process flow, how to measure performance) - Screening management (Recruiting screeners, Building a training program, Checkpoint designs)
COURSE OBJECTIVES	<p>Upon completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> - Identify X-ray Screener job requirements - Establish a training program for security screening staff - Optimize passenger flow at security checkpoints - Manage screening staff in day-to-day operations - Establish and maintain threat recognition systems - Know the screening technologies

SECURITY RISK AND CRISIS MANAGEMENT

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for managers in:</p> <ul style="list-style-type: none"> - Airline, airport and civil aviation - Legislation and administration - - Insurance and aviation security consultation
COURSE AIM	<p>This course helps you to:</p> <ul style="list-style-type: none"> - address security vulnerabilities in your organization, and - handle the aftermath of a crisis. - Improve your understanding of risk management and understand how to prepare a risk assessment of your organization by correctly assessing and quantifying threat. - Learn how to minimize risk by reviewing current threats to the aviation industry. - Explore the causal factors that lead to a crisis and gain the skills you need to respond quickly and effectively. - Equip your facility and staff by developing a crisis plan, - gathering an emergency response team, and preparing a crisis center. - - Improve your communication skills when faced with external parties, such as the media.
COURSE OBJECTIVES	<p>On completion of this course, you will be able to:</p> <ul style="list-style-type: none"> - Analyse emerging trends in attacks against civil aviation - Identify areas of vulnerability within your organization - Prepare a risk assessment for your organization - Report and recommend countermeasures - Develop a crisis management plan for your organization


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	<ul style="list-style-type: none">- Improve your communication skills both internally and externally during a crisis
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PASSENGER DATA EXCHANGE PROGRAMS (API/PNR)

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for managers in:</p> <ul style="list-style-type: none"> - Government/border control offices - Airlines - Airports - IT service providers
COURSE AIM	<p>This course provides you answers your questions about Advanced Passenger Information (API), Interactive API (IAPI) and Passenger Name Record (PNR) data, as well as the many standards currently used to transmit them.</p> <p>This course provides you also how to implemented and Build API- PNR system, and understand the steps to building a data program in alignment with international standards. The course will also review existing legal requirements related to API and PNR. This course will treat:</p> <ul style="list-style-type: none"> - Passenger data definitions - API, IAPI, PNR and their characteristics - Data elements and where they can be found - Data transmission methods - Messaging standards - Regulatory constraint
COURSE OBJECTIVES	<p>On completion of this course, you will be able to:</p> <ul style="list-style-type: none"> - Describe the regulatory foundation for these systems and their constraints - Compare the common and divergent characteristics of today's data exchange systems - Outline the processes that can support and strengthen industry security and national border control

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	<p>capabilities</p> <ul style="list-style-type: none">- Recognize agreed data elements and data transmission standards
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AIRCREW SECURITY INSTRUCTOR

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	This course is recommended for instructor,
COURSE AIM	<p>The main aim is to provide aircrew aviation security instructors with the necessary information to enable them to train flight and cabin crews on aviation security.</p> <p>This will enable them to instruct staff on the appropriate measures to be taken to minimise the consequences of security incidents.</p>
COURSE OBJECTIVES	On completion of the course candidates will be provided with a booklet giving aims and objectives for providing aircrew training for airlines.

GROUND SECURITY INSTRUCTORS

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	This course is recommended for ground security staff at airports
COURSE AIM	<p>This course is mandatory for anyone who will be employed to deliver aviation security training to ground security staff at airports. It is also mandatory for any trainer delivering in-flight supplies security training or aircraft security training to ground-based staff (such as secure-clean contractors).</p> <p>The course is designed to provide delegates with access to the information needed to design and deliver effective training to ground security staff. Delegates will gain an understanding of the aims and objectives of aviation security; the threat to civil aviation and the procedures in place to manage the risks to security. Successful completion of the course qualifies delegates to instruct ground security staff in aviation security.</p>
COURSE OBJECTIVES	On completion of the course candidates will be provided with a booklet giving aims and objectives for instruct ground security staff in aviation security.

FACILITATION

DETAILS

DURATION	5 DAYS
LANGUAGE	5 DAYS ENGLISH
TARGET POPULATION	This course is recommended for: <ul style="list-style-type: none">- Airline supervisory staff- National control agencies (Immigration, Customs, Border Police)- Duty officers (government, airport and airline)- Airport operators
COURSE AIM	In alignment with ICAO, this course focuses on the crucial areas of travel authorization, passenger data, immigration, risk assessment, and terminal capacity with the aim to provide reconcile facilitation and security procedures with passenger flow.
COURSE OBJECTIVES	On completion of this course, you will be able to: <ul style="list-style-type: none">- Accelerate passenger processing- Interpret national obligations within international agreements- Describe the regulatory framework of aviation facilitation and security- Identify emerging trends in legal and illegal migration- Measure the impact of facilitation measures on passenger flow

IN-FLIGHT SECURITY

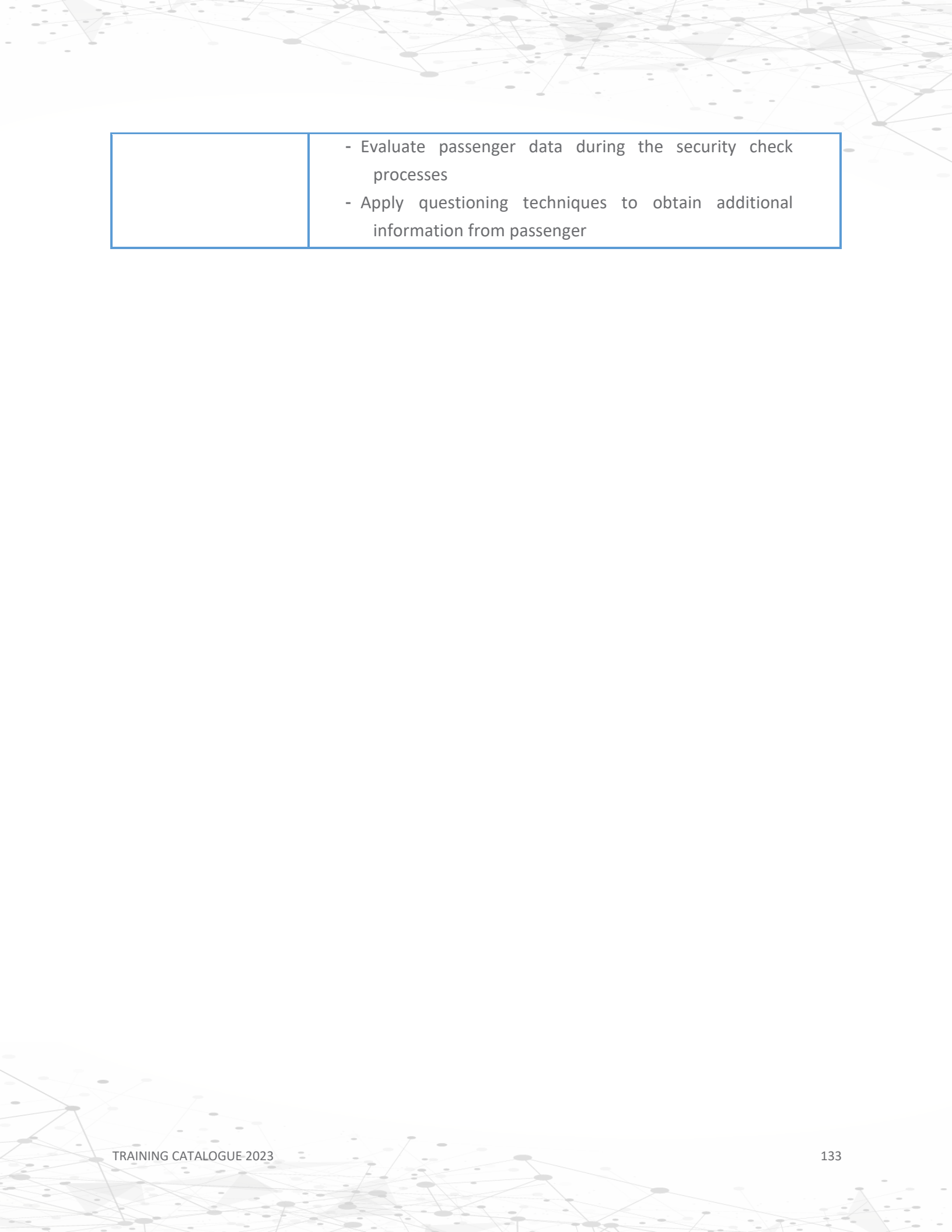
DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none">- Airline Managers with AVSEC responsibilities- Air crew and supervisors- Law enforcement personnel responding to in-flight emergencies- Civil aviation authority representatives- Air Marshals
COURSE AIM	<p>Improve your response to extreme security situations in a series of simulation exercises.</p> <p>From minor in-flight incidents to bomb threats and hijacking situations, this course takes a practical approach to in-flight security. Learn industry-wide standards and techniques used to handle passenger disturbances and put them into practice in the safety of the classroom.</p>
COURSE OBJECTIVES	<p>On completion of this course, you will be able to:</p> <ul style="list-style-type: none">- Stay up-to-date with the latest threats to civil aviation- Prepare yourself and air crew members to respond to in-flight incidents- Implement in-flight security procedures during classroom exercises

BEHAVIORAL ANALYSIS

DETAILS


DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> - Experienced screening staff working in airports, airlines and law enforcement units - Security managers - Security screening supervisors - Screening security personnel
COURSE AIM	<p>This course provides you to:</p> <ul style="list-style-type: none"> - discover the most recent screening methods, - learn how they can enhance your current security and protection strategy. - learn to utilize methodologies such as suspicious signs and indicators in passenger behaviour, before even making contact with a passenger to increase efficiency and target high risk threats. <p>During this 5-day course, you will familiarize with:</p> <ul style="list-style-type: none"> - Security threats and terrorism - Screening technologies (Traditional security screening implementation) - Behavior analysis system - Detecting suspicious signs - Questioning techniques
COURSE OBJECTIVES	<p>On completion of this course, you will be able to:</p> <ul style="list-style-type: none"> - Identify and anticipate security and terror threats - Assess a passenger's level of risk using a variety of tools to obtain information - Create a culture of awareness within your organization

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- Evaluate passenger data during the security check processes
 - Apply questioning techniques to obtain additional information from passenger

ASSESSMENT AND MITIGATION OF MANPADS THREAT

DETAILS


DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> - officials of the competent authority responsible for determining the policy and quality control; - senior or intermediate level managers within the relevant entities, such as : <ul style="list-style-type: none"> • airport managers, • armed forces • police, • air navigation services.
COURSE AIM	<p>This workshop aims to strengthen the capacities of Member States to effectively counter the threat represented by portable ground-air defense systems (MANPADS).</p> <p>The objective is to provide participants with the ability to produce and implement a national action plan (with a local version) against the threat represented by MANPADS.</p>
COURSE OBJECTIVES	<p>On completion of this course, you will be able to:</p> <ul style="list-style-type: none"> - understand the characteristics weapons that constitute the threat: MANPADS and weapons infantry (rocket launchers, rifles, sniper rifles, mortars, etc.); - learn: <ul style="list-style-type: none"> • Technical data on terrorist operating modes likely to use these weapons, • A tool to identify potential MANPADS firing sites from the periphery of an airport (evaluation grid). • Measures to mitigate vulnerabilities to ground MANPADS (monitoring of potential shooting sites).

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| | <ul style="list-style-type: none">- know the measures to mitigate vulnerabilities to MANPADS in flight (approach and take-off trajectories);- Train a first group of supervisors to all subjects listed above, so that they are able to train in their turn, their subordinates;- Monitor the effective implementation of anti-MANPADS measures (evaluation and prevention) during subsequent mission (s). |
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LANDSIDE THREAT

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> - officials of the competent authority responsible for determining the policy and quality control; - senior or intermediate level managers within the relevant entities, such as : <ul style="list-style-type: none"> • airport managers, • armed forces • police, • air navigation services.
COURSE AIM	<p>This workshop aims to strengthen the capacities of Member States to effectively counter the land security threat.</p> <p>The objective is to provide participants with the ability to produce and implement a national action plan (with a local version) against the land security threat.</p>
COURSE OBJECTIVES	<p>On completion of this course you will be able to:</p> <ul style="list-style-type: none"> - understand the risk mitigation and deterrence methods at landside of airports. - learn how : <ul style="list-style-type: none"> • Implementing some security measures on landside security checkpoints to identify persons and vehicles on random bases and the use of deterrence methods to match the type and level of threats. • Activating overt and covert patrols. • The use of sufficient lighting, CCTV, K-9s and ETDs • Security background screening of airport surrounding residence and investors.

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| | <ul style="list-style-type: none">• Mitigated measures of the use of Man-Portable Air-Defense System (MANPADS);- Monitor the effective implementation of anti-MANPADS measures (evaluation and prevention) during subsequent mission (s). |
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AIR TRANSPORT

international air transport pricing

<u>Duration</u>	5 days
<u>Language</u>	Arabic / English
<u>Target</u>	Price research personnel of civil aviation authorities Civil aviation authorities' economic feasibility personnel Workers in the economics of air transport
<u>Population</u>	Network quality control personnel in civil aviation authorities Network planners of airlines Price workers in airlines
<u>Course</u> <u>Objectives</u>	Provide trainees with scientific methods for pricing international air transport. Identification of operational income Identification of operational costs Non-operational cost items Select cost categories cost analysis air traffic parameter determination Factors influencing costs and revenues, and other very important topics in pricing air transport according to the training course program.

strategic air transport management

<u>Duration</u>	5 days
<u>Language</u>	Arabic / English
<u>Target</u>	Civil aviation personnel in air transport strategic management and strategy personnel of the aviation authorities
<u>Population</u>	Airline personnel in air transport strategic management airline personnel
<u>Course</u>	Provide trainees with scientific methods of planning and strategy development in air transport. Definition of administration in general Definition of strategic management
<u>Objectives</u>	Strategic plan definition Types of strategic plans Definition of an operational plan Strategic management in air transport protection

Air transport risk management

<u>Duration</u>	5 days
<u>Language</u>	Arabic / English
<u>Target</u>	Representatives of civil aviation authorities responsible for risk management
<u>Population</u>	Airport representatives, air carriers and other key risk management stakeholder
<u>Course</u>	The course aims to examine the risks and crises in air transport and to develop plans
<u>Objectives</u>	to avoid such risks and crises and lessons learned from previous crises

Air passenger's rights protection.

<u>Duration</u>	5 days
<u>Language</u>	Arabic / English
<u>Target Population</u>	Civil aviation personnel in air transport Representatives of airports and air carriers who participate in customer care or legal affairs and other key stakeholders in the course content
<u>Course Objectives</u>	To provide trainees with scientific and legal means in the field of protecting the rights of air passengers, while highlighting the measures taken by airlines to make the air passenger aware of his/her rights

Training course on Competition between Airlines

<u>Duration</u>	5 days
<u>Language</u>	Arabic / English
<u>Target Population</u>	<p>Airline economists</p> <p>Specialist of competent air transport bodies</p> <p>Aviation Authority Air Transport Specialist</p> <p>Aviation consultants</p> <p>Inspectors of the Economics of Air Transport</p>
<u>Course Aim</u>	This training course provides the necessary knowledge to understand fair competition practices, the role of the State in the context of free competition and the guidelines of the International Civil Aviation Organization (ICAO) on fair competition.
<u>Course Objectives</u>	This course aims to provide participants with the basic principles of competition in air transport so that they can carry out their work in accordance with competition rules.

Training Course on Airlines lines alliances and code sharing

<u>Duration</u>	<u>5 days</u>
<u>Language</u>	<u>English / Arabic</u>
<u>Target Population</u>	The training is for civil aviation authorities (Air Transport Department) responsible for the economic control of airlines. (applicants must have knowledge of the air transportation program)
<u>Course Aim</u>	This training aims to improve the knowledge of the officials responsible for the economic control of airlines in accordance with national requirements and standards and ICAO standards and recommended practices. Acquisition of basic knowledge of air transport economic systems and regulations, including economic supervision of the sector;
<u>Course Objectives</u>	<ul style="list-style-type: none"> ● Use of methods and tools to assess the economic and financial performance of national airlines; ● Ensure a healthy and fair competitive environment among airlines. ● Practice of planning techniques and economic studies of air transport (traffic statistics and projections, revenues, expenditures, investments, etc.); ● Provide the trainees with the rules of alliances and code sharing

AIR TRANSPORT STATISTICS

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	The training is most beneficial for: <ul style="list-style-type: none">• Airport and airline planners;• Air transport specialist in the aeronautical authorities.;• Marketing and commercial Specialist• Aviation Consultants• Finance
COURSE AIM	This course will provide basic training on international air transport Statistics Focusing on Standard terminology Used and how data is Collected and what represent.
COURSE OBJECTIVES	The course aims to increase the Participants with the Key of Statistical elements Used in Civil Aviation to understand the meaning of statistical data Collected and to analyze such data, how the Different data Series may relate to each other and how to verify the data Submitted

AIR TRANSPORT AUTHORIZATIONS AND PERMISSIONS

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	This training Course is most beneficial for: <ul style="list-style-type: none">• Air transport specialist in the aeronautical authorities.;• Air transport Inspector.• Specialized staff on airlines Operation and Airports
COURSE AIM	This course will ensure the Knowledge and focus on international Flight Definition, the different Classification of the Flight, Air Traffic Rights and the, Procedures and Measures Required to Issue the Permission According to Bilateral and International Agreements.
COURSE OBJECTIVES	The course aims to increase the Participants with the Key element to Issue Authorizations, or Permission According to the Regulation and the principles of the Air transport and to be Conform with International Agreements.

AIR TRANSPORT ECONOMICS AND FORECASTING

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	The training is most beneficial for: <ul style="list-style-type: none">• Airport and airline planners;• Air transport specialist in the aeronautical authorities;• Marketing and commercial Specialist;• Aviation Consultants;• Finance, Economics, Tourism Specialist;
COURSE AIM	This course provides basic Knowledge of the many Aspects of the Economic Regulation of international air transport.
COURSE OBJECTIVES	This course aims provide a clear Foundation of the Basic Principles of Airline and Airport Economics as well as Aviation Regulatory and Policy issues. It helps to interpret analysis of Economic Indicator and Implications of Airline and Airports Strategies with Particular Changing Patterns.

FAIR COMPETITION RULES COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	<p>is Course being most beneficial for:</p> <ul style="list-style-type: none">• Specialist on Airline Economics;• Specialist on Competent Authorities Related to Air Transports;• Air transport Specialist in the Aeronautical authorities;• Aviation Consultants;• Air transport Economics Inspector;
COURSE AIM	<p>This training course provide the Knowledge Necessary for Understanding the fair Competition Practices, the role of the State in the Contest of free Competition and the ICAO guidelines Policies on fair Competition.</p>
COURSE OBJECTIVES	<p>This course aims to provide the Participant with basic principles of Competition on air Transport to be able to do their work According to Competition rules.</p>

AIRPORT AND AIR NAVIGATION SERVICES USER CHARGES

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	<p>The training is most beneficial for the Following:</p> <ul style="list-style-type: none"> • Airport directors / General Manger; • Airport Finance Specialist; • The Charges Competent Authorities Specialist; • Air transport Specialist; • Specialist in the Aeronautical Authorities;
COURSE AIM	<p>This training course is based on Application of ICAO Policies on User Charges, reviewing the main Recommendations Adopted by the Conferences on the Economics of Airports and Air Navigation Services .</p>
COURSE OBJECTIVES	<p>Increase to the Participant with Knowledge to be able to:</p> <ul style="list-style-type: none"> • Develop Policies for User Charges Compliant with International Recommendations. • Fully Understand the Position of ICAO, ACi and IATA Regarding User Charges. • Applying User Charges. • Proportionality Between Charges and Costs. • Develop negotiating Strategy for charges and Rates.

AIR TRANSPORT LIABILITY AND CONSUMER PROTECTION

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ FRENCH
TARGET POPULATION	<p>Air transport specialist:</p> <ul style="list-style-type: none"> • Air transport Economic Inspector; • The Specialization on Competing Authorities, Consumer Protection on Air transport;
COURSE AIM	<p>This course will provide Participant with the basic knowledge of Mixing of International air Transport, the contact of Air transport the limits of air carrier liability according to International agreements, the compensation of the damage to passengers and Shipper, the Insurances required to Cover the Liability and the Core Principles of consumer protections in Air Transport.</p>
COURSE OBJECTIVES	<p>This training course increase the participants with basic Principles on International Agreements Governing the liability of Air Carriers to be able to do their Work on Conformity With international Obligation and to be Aware of core Principle of Consumer Protections</p>

INTERNATIONAL INTERESTS ON MOBILE EQUIPMENT (AIRCRAFT EQUIPMENT)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	<p>This Course is most beneficial for:</p> <ul style="list-style-type: none"> • Specialized of legal affairs, International Agreements in Civil Aviation • Authorities; • Specialist on Aircraft Registration; • Air transport Specialist • Specialized of legal Economic, Finance Plumer on Airlines- respects; This course Introduce the legal of International Interests Provision
COURSE AIM	According to Cape Town Convention, National Registration, International registration, International Register, Supervisory authority Economic.
COURSE OBJECTIVES	This course provides the Participant with the basic Knowledge for Establishing International Interest on Mobile Equipment with the Necessary Information for International Register and National Registration to be able to do their Work According to International Obligation, which Help for The Finance of Aircraft.

AIR TRANSPORT NEGOTIATION COURSE

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	<p>This Course is most beneficial for:</p> <ul style="list-style-type: none"> • Specialist on International Air Transport Agreement in the regulatory body Government of Civil Aviation; • Air transport Specialist; • Specialized on International and Agreement Affairs in Airlines;
COURSE AIM	<p>This course Introduce Consultation and Negotiation, Strategic and Tactical Consideration;</p> <ul style="list-style-type: none"> • Preparation for a formal Meeting; • Negotiation Types of Meetings and Documents; • The Most Important Provisions on Air Services Agreements
COURSE OBJECTIVES	<p>This course provides the Participant basic Knowledge to Develop their Negotiation Skills and to be able to manage negotiation and to be Active Delegate Member.</p>

INTERNATIONAL CIVIL AVIATION LAW

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	<p>The training is most beneficial for the following:</p> <ul style="list-style-type: none"> • From civil aviation authorities: Air transport specialists/ International agreements specialists/ Legal specialists. • From Airlines: Legal Specialists/ International agreements specialists/ International relations specialists. • Air law definition. • Air law characteristics. • Air law sources. • The most important provisions of the civil aviation international conventions such as Chicago Convention 1944, Warsaw Convention 1929, Montreal Convention 1999 regarding the unification of certain rules for international carriage by air, aviation security conventions, and international interests in mobile
COURSE AIM	<p>Provide the participants with the international and regional documents and conventions that govern and regulate air transport and also in general civil aviation. This training will therefore enable the participants to perform their jobs in accordance with the international civil aviation obligations and laws.</p>
COURSE OBJECTIVES	

CIVIL AVIATION JUDICIAL CONTROL

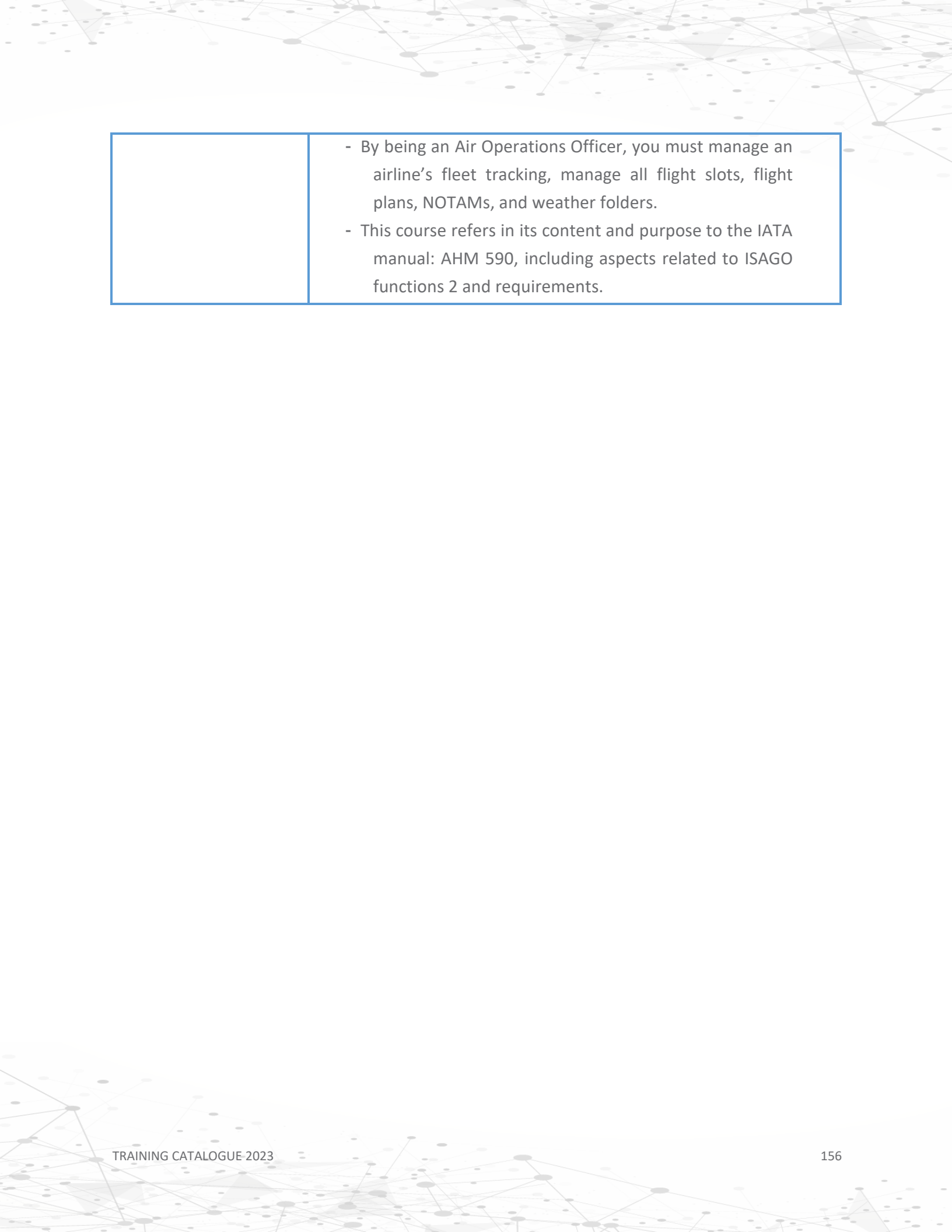
DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH/ ARABIC
TARGET POPULATION	<p>The training is most beneficial for the following:</p> <ul style="list-style-type: none"> • Investigators specialized in: Air transport, aviation safety, operations, airports safety, air navigation, accident mitigation, and aviation security. • Airlines officials with legal duties regarding the aviation legislation • Introduction about Chicago Convention 1944. • Judicial control objectives • Sovereignty and territory in the international and national laws. • Penal code and criminal procedures. • Terms and assignment foundations/ procedures, tasks, powers, and authorities. • Record of evidence and contraventions system – Judicial evidence investigation. • A brief about the aviation crimes in the international law
COURSE AIM	Provide the participants with the necessary legal knowledge and precise concepts in order to give them the ability to perform their investigation jobs in accordance with the legal rules related to their investigation specialties.
COURSE OBJECTIVES	

OPERATIONS

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	Agents responsible for loading control of bulk and containerized aircraft.
COURSE AIM	
COURSE OBJECTIVES	<p>At the end of this course, participants will be able to:</p> <ul style="list-style-type: none"> - Coordinate and control the operations from a technical level perspective (weight and balance, loading plan, ...), operational (loading / unloading baggage, freight, hotel equipment, refuelling, passenger boarding, ...) and organizational (stakeholders track, stopover, navigation control, ...), according to aeronautical and airport regulations, with a view to quality (service, cost, time). - Be able to lead one or more teams, analyze and distribute the aircraft load; - Supervise the aircraft loading in accordance with the established documents (loading plan) and the procedures in force as well as all operations on the runway. - Operational management of all aircraft in an airline fleet, flight plans. You will work out of the airport and manage the operation of all aircraft of the airline. <ul style="list-style-type: none"> • Points to be managed will be flight slots, NOTAMS, weather records, air route. It is advisable to carry out traffic + operations training.

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| | <ul style="list-style-type: none">- By being an Air Operations Officer, you must manage an airline's fleet tracking, manage all flight slots, flight plans, NOTAMs, and weather folders.- This course refers in its content and purpose to the IATA manual: AHM 590, including aspects related to ISAGO functions 2 and requirements. |
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Airport & Handling

LOAD CONTROL

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> - Staff in charge of the implementation of the loading plan for bulk and containerized aircraft.
COURSE AIM	<p>This course provides participants skills and techniques for the implementation of loading plan for bulk and containerized aircraft:</p> <p>This course provides to participant:</p> <ul style="list-style-type: none"> • Passengers handling (Aircraft processing, supervision and co- ordination, AHM load control) • Concepts of air operations (Airplane performance, Limitations and regulatory aspects, Loading plan and et pre-balance-load sheet, Loading, balance, Aircraft version, Messaging ...) • Aircraft processing and handling (Special Cargo, Stowage, Baggage handling procedures, Security : regulations and procedures, Communication procedures, Data and documentation protection, Ground Support Equipment, Seat map and versions, loading process scheduling, Protection, Emergency procedures) • Practical application (Establishment of a loading plan post pre balance, Weight estimate- Balance, Loading priorities, supervisor and ramp leader relationship, practical exercises) • Dangerous goods (General, Labelling and marking, knowledge of undeclared dangerous goods, Storage and loading procedures, NOTOC, Passenger and crew

	information, Emergency procedures.
<i>COURSE OBJECTIVES</i>	<p>At the end of this course, participants will be able to:</p> <ul style="list-style-type: none">- Analyze and dispatch the airplane charge;- prepare a manual and related document;- Ensure the aircraft loading in accordance with the established documents (loading plan) and procedures in effect. <p>This course refers in its content and purpose to the IATA manual: AHM 590, including aspects related to ISAGO requirements.</p>

RAMP ASSISTANT

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	This course is recommended for ground staff
COURSE AIM	<p>This course provides participants with the necessary skills and technique in order to implement loading plans for bulk and containerized aircraft</p> <p>This course covers the following topics :</p> <ul style="list-style-type: none"> • Description and aircraft technology • Aircraft marshaling (Guiding means, Guidance by ramp assistant, Day and night guidance, Location on the ground and parking place, Positioning of the guide, Different signs and movements, Regulatory signals on maneuver areas, Practical training, Systematic FOD check) • Parking safety (Holds, Holds and other safety devices during strong weather, The parking brake, Pitot tubes / plugs/ shutters inlet / reactors outlet, Safety, Check the condition of the aircraft on arrival) • Refueling (specifications check, Safety advice during refueling, Procedure: refueling operation) • Circulation around aircraft and push-back (Definition and presentation of ground support equipment, Tractor/ fork pins/ park group/ jet starter, Procedures, Demonstration, Practical consolidation. • Implementation and use of power group (the electric park group and the pneumatic group (jet starter) case;


	<p>Presentation of ground support equipment and summary description)</p> <ul style="list-style-type: none"> • Environmental control of the aircraft (Objective of the environmental control, external Airplane visualization, Demonstration). • Communication with the flight crew (Study of the standard phraseology of communication with the crew; Circulation around aircraft and push-back).
<p><i>COURSE OBJECTIVES</i></p>	<p>Remind participants of techniques for performing technical assistance tasks on the apron ; especially :</p> <ul style="list-style-type: none"> - guide aircraft traffic on the tarmac - secure aircraft parking on the ground; - ensure compliance to safety perimeter, recommended paths of movement for mobile ground support equipment and related restricted parking areas - provide power to the aircraft in terms of energy sources (electrical, pneumatic) during handling operations; - ensure that the doors are properly closed (visit, hold, access, etc ...); - check for fluid leakage and impact on the outside of the aircraft; - communicate (English) with the flight crew of the aircraft on departure, the arrival and during the immobilization of the aircraft for transit; - Update knowledge already gained in the field of ramp assistance.

SAFETY AND HUMAN FACTOR RAMP PERSONNEL

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	This course is recommended for All ground agent including passage and fret.
COURSE AIM	<p>This course explains how to take safety into account, build a safety culture, put in place the requirements of the program and the aviation safety policy,</p> <p>This course also allows participants to understand staff responsibilities and safety rules at airports</p> <p>This course covers the following topics:</p> <ul style="list-style-type: none"> • Human Factors (Motivation, attitude and teamwork; Human behavior ; Communication skills and qualities ;Work stress; Environmental ergonomics; the effects of drugs and health; Lifestyle and health; Examples) • Equipment’s operations (Authorization of operators; Inspection and maintenance of vehicles and ramp equipment; Operating procedures; Equipment specifications and safety; Treatment of equipment and objects that exceed...) • Cleaning (FOD; Parking of vehicles; Zones and marking tracks; Treatment of food waste and detritus); - Procedures and Regulations (procedures and Regulations; National and international regulations – EASA/ ICAO/ FAA... ; Safety in the workplace; Regulation of dangerous goods; Notions on Air Law; Ground handling agreements and IATA standards). • Incidents and Accidents (Inductive factors; Work

	<p>accidents; Aircraft, equipment and ground installation incidents; Accidents and incidents report; Incremental costs related to work-related accidents; Prevention of accidents and incidents; Ground damage/ Inquiries and Investigations of accident and incidents causes o Feedback and prevention; Operational malfunctions)</p> <ul style="list-style-type: none"> • Staff protection (Work and safety clothes; Protective equipment: body, accidents, floor and sensitive ; Prevention of lumbar accidents, handling of heavy and bulky loads, work at height, slips, trips and falls ...; Hazards; Traffic of vehicles and track vehicles; Aircraft movements on the maneuvering area; Dangers; Reactors blow; Propeller aircraft; Aircraft antennas and other protuberances; Refueling and fuel spill; Bad weather conditions; Services and night work • Emergency cases (Body injuries; Natural disasters; Fuel leak; Fire sources; Fire prevention and extinction; Types of fires and fire extinguishers; Fire protection equipment; Fire on planes; Emergency stops and location of alarms and protection elements against fire; Reports...) • Safety emergency plans (specific procedures; organizational aspects; operational plan of action; Implementation check list; operational interface/operational coordination; Documentation...)
<p>COURSE OBJECTIVES</p>	<p>Appropriation of effective safety and human issues management in the realization of the stopover and freight activity on airport.</p> <p>In accordance with the regulations in force (ICAO, IOSA, ISAGO), it will be developed according to all aspects relating in particular</p> <ul style="list-style-type: none"> - human factor; - Regulatory fundamentals, operational procedures and techniques

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| | <ul style="list-style-type: none">- Workplace safety and means of prevention, protection and rescue.- Practical case |
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DANGEROUS GOODS RAMP PERSONEL

DETAILS

DURATION	3 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	<p>This course is recommended for:</p> <ul style="list-style-type: none"> - Operator and ground handler personnel involved in the processing, storage and loading of cargo, mail or reserves and baggage - dangerous Goods acceptance staff
COURSE AIM	<p>This course allows participants to understand the techniques and procedures for:</p> <ul style="list-style-type: none"> - Aircraft handling (CAT. 8 IATA 1.5 A)/ (CAT- 6 IATA 1.51A) - RAMP Supervision (cat. 10 IATA 1.5) <p>This course covers the following topics:</p> <ul style="list-style-type: none"> • Human Factors (Motivation, attitude and teamwork; Human behavior; Communication skills and qualities; Work stress; Environmental ergonomics; the effects of drugs and health; Lifestyle and health; Examples) • Dangerous goods philosophy (Purpose of the regulation; General principles; Definition of Dangerous Goods; Implementation of the regulations; Exceptions; General requirements applicable to transport; Liability of shipper and operator; Information to be provided to passengers) • Restrictions (Dangerous goods prohibited to air transport under all circumstances; Dangerous goods for which air transport is prohibited unless waived; Hidden Dangerous Goods; Dangerous goods carried by passengers or crew members; Dangerous goods from

	<p>the operator; State and Operator discrepancies)</p> <ul style="list-style-type: none"> • Labelling and marking (classifications of Dangerous Goods; Danger Labels; Handling labels; Marking parcels) • Storage, Loading, NOTOC (Acceptance of Dangerous Goods; Checklist for acceptance; Grouping; Incompatibility; Loading restrictions in the cockpit and on board passenger aircraft; Loading and stowage and special features- liquids/magnetized masses/carbon dioxide Carbone, AVI ; Radioactive loading ; NOTOC • Emergency procedures (Procedures to follow in case of emergency; Report of incidents)
<p><i>COURSE OBJECTIVES</i></p>	<p>At the end of this training, participants will be able to identify the risks inherent to the transport of Dangerous Goods by air and qualified to accept (or not) the MDs intended for air transport.</p> <p>Comply with the regulatory requirements imposed by ICAO and IATA (ISAGO, AHM 590 & Regulations for the transport of Dangerous Goods)</p>

AIR CARGO ACCEPTANCE AND HANDLING

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / ARABIC / FRENCH
TARGET POPULATION	This course is suitable for: <ul style="list-style-type: none">• Newly recruited cargo agents• Current cargo agents
COURSE AIM	This course will provide air cargo agents with the necessary knowledge and skills required to accept and handle cargo appropriately in a safe and efficient manner according to The Air Cargo Tariff (TACT) Rules, Dangerous Goods Regulations (DGR) and Live Animals Regulations.
COURSE OBJECTIVES	After having successfully completed this course, the trainees will be able to: <ul style="list-style-type: none">• Accept cargo;• Perform cargo build-up;• Perform cargo breakdown;• Complete cargo documents;• Perform cargo delivery.

DANGEROUS GOODS TRAINING COURSE – TRAIN THE TRAINER (CATEGORY 1,2,3 & 6)

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH
TARGET POPULATION	<p>The course is designed for the needs of the Dangerous Goods Instructor to be compliant with the standards established by Industry and required by ICAO.</p> <p>The course will be of high interest to cargo professionals engaged with transport of hazardous materials by Air and interested in becoming Dangerous Goods Instructors for all Categories of Dangerous Goods Training.</p>
COURSE AIM	<p>The course is highly practical, and promotes best training practices. It is a five-day program specifically designed for those who need to deliver Dangerous Goods Training. The course is a highly participative and stimulates involvement and provides for powerful motivation. To introduce the delegate to training skills and to provide the confidence which can be developed to deliver effective and compliant Dangerous Goods Training within your organizations.</p>
COURSE OBJECTIVES	<p>By the end of the course, participants will be able to</p> <ul style="list-style-type: none"> a) Understand the structure, composition and impact of IATA DGR b) Considering the need for Dangerous Goods Training c) Understand the Adult Learning Experience – Andragogy d) Understand the best use of instructional tools and techniques e) Understand techniques to optimize and deliver practical presentations

- f) Focus on the development of your communication skills.
- g) Learn how to create a lesson plan
- h) Developing effective visual aids and supporting materials
- i) Developing Course Material and delivering an effective Training Needs Analysis
- j) Learn how to motivate participants and to maintain attention
- k) How to ensure participants active involvement throughout the training.
- l) Consider group learning and collaborative learning techniques.
- m) Stay up to date with industry instructional techniques
- n) How to manage difficult students and topics

Strategic management of air transport course

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	<ul style="list-style-type: none">- Civil Aviation Authority employees in the field of air transport- Employees of the aviation authorities in the field of strategic management strategies- Employees of airlines in the field of air transport- Employees in airlines in the field of strategic management
COURSE AIM	
COURSE OBJECTIVES	<ul style="list-style-type: none">✓ The concept of management✓ Strategic management✓ Strategic plan✓ types of strategic plans✓ Operational plan✓ Types of Operational Plans✓ 7- Strategic management in the field of air transport

Airlines alliances and code Share

DETAILS

DURATION	5 DAYS
LANGUAGE	ENGLISH / ARABIC
TARGET POPULATION	<ul style="list-style-type: none">- Workers in the field of air transport in general.- Employees in the Civil aviation authorities working in the field of air transport- Employees of airlines in the field of air transport
COURSE AIM	
COURSE OBJECTIVES	<ul style="list-style-type: none">✓ The emergence of air transport alliances✓ Types of alliances in the field of air transport✓ International alliances in the field of air transport.✓ Conditions for joining alliances✓ The concept of code sharing✓ Terms of code sharing✓ Types of code sharing