

TRAINING CENTRE

COURSE CATALOGUE

EDITION 21

ACTVET Licence: 0625/2017



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Introduction

The GANS Training Centre, located in Al Ain, is a U.A.E. General Civil Aviation Authority (GCAA) State Regulatory Approved Air Traffic Service Training Organisation (ATS TO) under certificate No. U.A.E. 01/2011 and English Language Proficiency Training and Testing Organisation (ELP TO). It is also an approved EUROCONTROL ELPAC test centre. The Training Centre is recognized by ICAO as a TRAINAIR PLUS Regional Training Centre of Excellence (RTCE) and Licensed by Abu Dhabi Centre for Technical and Vocational Education and Training (ACTVET). We offer a range of aviation, air traffic management (ATM) training, comprising of virtual-classroom, classroom and simulator instruction.

This catalogue provides details of our 2024 ATM courses. We are continually updating our course portfolio to meet client demands and will update the catalogue when new courses become available.

ICAO TRAINAIR PLUS Programme (TPP) Courses

As an ICAO TPP member, GANS can host a number of the ICAO TPP courses in the following training areas:

Aerodromes	Air Transport	Training Competency Development	Environment	Aviation Management
Air Navigation Services	Flight Safety and Safety Management	Security	Facilitation	Aviation Law

Some of the TPP courses GANS normally hosts are available in this catalogue. For a full list of TPP courses, you can access the ICAO Aviation Training and Education Directory (ATED) at:

<https://igat.icao.int/ated/TrainingCatalogue>



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Abu Dhabi Centre for Technical and Vocational Education and Training
مركز أبوظبي للتعليم والتدريب التقني والمهني

Course Reservations

Please refer to the GANS Course Schedule for course dates and times: [ATM Training Services | Global Air Navigation Services \(gans.aero\)](#)

Where possible, customers are requested to make course reservations 3 months ahead of scheduled course dates. This will allow additional course capacity to be offered to all customers.

Course reservations and bookings should be requested through the course administration office via the following email addresses provided in the footer of this document.

Additional Training Requirements

Should customers have any additional training requirements not covered by our standard courses, please contact our administration team who will assist you in designing your training requirements. The course administration team can be contacted via the above email address or the phone numbers below.

Course Administration Office: +971 3 799 6478 / 6533 / 6531

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GCAA APPROVED COURSES



GANS

Global Air Navigation Services



Course Aim

To provide trainee, who wishes to pursue a career in air traffic management with the necessary fundamental knowledge, skills and attitude to enable progression to either on-the-job training as an ATC Assistant, or to attend ATC rating, AIS, Flight Dispatch and ATSEP training.

Course Information

Duration

- 60 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 5.0 or greater, or ELP Level 4.

Overview

Course Modules

- As per ICAO Doc. 10056, Manual on Air Traffic Controller Competency-based Training and Assessment (Volume 1).

Objectives

Trainees will be able to:

Theory (50 days)

- Demonstrate sufficient knowledge of the topics detailed in ICAO Annex 1 to achieve the standard nominated by the participants' ATS State Regulatory Authority.

Practical (10 days)

- In a simulated environment, trainees will be able to provide basic ATS practical skills, to support the safe, orderly and expeditious flow of air traffic.

GANS
Global Air Navigation Services



Course Aim

To provide the trainee with the knowledge, skills and attitude, for the provision of aerodrome control service and successfully complete on-the-job training, to obtain an ATC license/Certificate of Competency.

Course Information

Duration

- 55 Training Days

Delivery mode

- Theory modules — Instructor-led (classroom and/or virtual-classroom)
- Practical modules — Instructor-led (classroom)

Entry Criteria

- Successful completion of a Basic ATC(ICAO 051) course.
- An English IELTS band average of 5.5 or greater, or ELP Level 4.

Overview

Course Modules

- As per ICAO Doc. 10056, Manual on Air Traffic Controller Competency-based Training and Assessment (Volume 1)
- Practical skills (simulated), split position Tower and Ground Movement Control.

Objectives

Trainees will be able to:

- Demonstrate a level of knowledge, skills, judgement and performance appropriate to the privileges detailed in ICAO Annex 1.
- Demonstrate integrated performance to a level appropriate for obtaining an aerodrome control rating for the provision of a safe, orderly and expeditious flow of traffic; including the recognition and management of threats and errors.



Course Aim

To provide the trainee with the knowledge, skills and attitude, for the provision of approach control procedural and successfully complete on-the-job training, to obtain an ATC license/Certificate of Competency.

Course Information

Duration

- 35 Training Days

Delivery mode

- Theory modules — Instructor-led (classroom and/or virtual-classroom)
- Practical modules — Instructor-led (classroom)

Entry Criteria

- Successful completion of a Basic ATC(ICAO 051) course.
- An English IELTS band average of 5.5 or greater, or ELP Level 4.

Overview

Course Modules

- As per ICAO Doc. 10056, Manual on Air Traffic Controller Competency-based Training and Assessment (Volume 1)
- Practical skills (simulated), combined approach control position.

Objectives

Trainees will be able to:

- Demonstrate a level of knowledge, skills, judgement and performance appropriate to the privileges detailed in ICAO Annex 1.
- Demonstrate integrated performance to a level appropriate for obtaining an approach control procedural rating for the provision of a safe, orderly and expeditious flow of traffic; including the recognition and management of threats and errors.



Course Aim

To provide the trainee with the knowledge, skills and attitude, for the provision of approach control surveillance and successfully complete on-the-job training, to obtain an ATC license/Certificate of Competency.

Course Information

Duration

- 55 Training Days

Delivery mode

- Theory modules — Instructor-led (classroom and/or virtual-classroom)
- Practical modules — Instructor-led (classroom)

Entry Criteria

- Successful completion of a Basic ATC(ICAO 051) course.
- An English IELTS band average of 5.5 or greater, or ELP Level 4.

Overview

Course Modules

- As per ICAO Doc. 10056, Manual on Air Traffic Controller Competency-based Training and Assessment (Volume 1)
- Practical skills (simulated), split approach control position (executive and planner).

Objectives

Trainees will be able to:

- Demonstrate a level of knowledge, skills, judgement and performance appropriate to the privileges detailed in ICAO Annex 1.
- Demonstrate integrated performance to a level appropriate for obtaining an approach control surveillance rating for the provision of a safe, orderly and expeditious flow of traffic; including the recognition and management of threats and errors.



Course Aim

To provide the trainee with the knowledge, skills and attitude, for the provision of area control surveillance and successfully complete on-the-job training, to obtain an ATC license/Certificate of Competency.

Course Information

Duration

- 55 Training Days

Delivery mode

- Theory modules — Instructor-led (classroom and/or virtual-classroom)
- Practical modules — Instructor-led (classroom)

Entry Criteria

- Successful completion of a Basic ATC(ICAO 051) course.
- An English IELTS band average of 5.5 or greater, or ELP Level 4.

Overview

Course Modules

- As per ICAO Doc. 10056, Manual on Air Traffic Controller Competency-based Training and Assessment (Volume 1)
- Practical skills (simulated), split area control position (executive and planner).

Objectives

Trainees will be able to:

- Demonstrate a level of knowledge, skills, judgement and performance appropriate to the privileges detailed in ICAO Annex 1.
- Demonstrate integrated performance to a level appropriate for obtaining an area control surveillance rating for the provision of a safe, orderly and expeditious flow of traffic; including the recognition and management of threats and errors.



Course Aim

To provide the trainee with the knowledge, skills and attitude, for the provision of area control procedural and successfully complete on-the-job training, to obtain an ATC license/Certificate of Competency.

Course Information

Duration

- 45 Training Days

Delivery mode

- Theory modules — Instructor-led (classroom and/or virtual-classroom)
- Practical modules — Instructor-led (classroom)

Entry Criteria

- Successful completion of a Basic ATC (ICAO 051) course.
- An English IELTS band average of 5.5 or greater, or ELP Level 4.

Overview

Course Modules

- As per ICAO Doc. 10056, Manual on Air Traffic Controller Competency-based Training and Assessment (Volume 1)
- Practical skills (simulated), split area control position. (executive and coordinator).

Objectives

Trainees will be able to:

- Demonstrate a level of knowledge, skills, judgement and performance appropriate to the privileges detailed in ICAO Annex 1.
- Demonstrate integrated performance to a level appropriate for obtaining an area control procedural rating for the provision of a safe, orderly and expeditious flow of traffic; including the recognition and management of threats and errors.

Global Air Navigation Services



Course Aim

To provide the trainee holding an ATC License/ Certificate of Competence with endorsement as On-the-Job Training Instructors.

Course Information

Duration

- 8 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- Air traffic controller or other ATM personnel with at least three years of operational experience.

Overview

Course Modules

- As per ICAO Doc. 10056, Manual on Air Traffic Controller Competency-based Training and Assessment (Volume II On-the-job Training Instructor)
- Practical Training

Objectives

Trainees will be able to:

- Demonstrate the competencies in accordance with ICAO Doc. 10056 and ICAO Doc. 9868.

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Course Aim

To reinforce and update the knowledge and skills of on-the-job training instructors through classroom activities and practical exercises.

Course Information

Duration

- 2 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- Holds or has previously held an OJTI endorsement.

Overview

Course Modules

- As per ICAO Doc. 10056, Manual on Air Traffic Controller Competency-based Training and Assessment (Volume II On-the-job Training Instructor)

Objectives

Trainees will be able to:

- Demonstrate the competencies in accordance with ICAO Doc. 10056 and ICAO Doc. 9868.

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Test Aim

This English language proficiency test meets GCAA regulatory requirements. It is aimed at air traffic controllers and pilots based in the UAE to demonstrate proficiency in English up to and including level 6 proficiency. The test reflects the range of communication tasks found in the working aviation environment.

Course Information

Duration

- 2 Hours

Location

- GANS Training Centre, Al Ain, UAE

Entry Criteria

- Certified licensed, rated air traffic controller or certified licensed, rated pilot.

Overview

- Tests English language proficiency of air traffic controllers and pilots, in aeronautical communications, in routine and non-routine situations in accordance with ICAO Annex 1.

Objectives

Trainees will be able to:

- Achieve a minimum of ELP Level 4, in accordance with the ICAO English language proficiency rating scale, in order to obtain or maintain ATC or pilot license.

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Course Aim

To provide the trainee with the knowledge and skills required to obtain regulatory approval as ATC Examiner and/or Local Competency Examiner.

Course Information

Duration

- 5 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- Hold an ATC rating
- Holds or has previously held an OJTI endorsement.

Overview

Course Modules

Written Assessment

- ATC Examiner Overview
- Tape Review
- Written Examinations
- Practical Assessment
- Oral Examinations
- Report Writing
- Practical Exercises

Objectives

Trainee will be able to:

- Demonstrate the competencies in accordance with ICAO Doc. 10056 and ICAO Doc. 9868.

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Course Aim

To refresh the knowledge and fundamental skills of the ATS Examiner. This will ensure a high level of performance in their examiner role at the ATCU in accordance with the CARs part VIII Subpart 4.

Course Information

Duration

- 2 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- The participant holds or has previously held an Examiner/Local competency Examiner endorsement.

Overview

Course Modules

- Oral examination and debrief
- The written examination
- Report writing
- Practical Exercises
- Brief and practical examination

Objectives

Trainee will be able to:

- Demonstrate the competencies in accordance with ICAO Doc. 10056 and ICAO Doc. 9868.

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Course Aim

This course targets trainee who wishes to understand at a basic level, fatigue and stress and manage activities to mitigate them, in an operational environment.

Course Information

Duration

- 1 Training Day

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater.

Overview

Course Modules

- Introduction
- Sleep and the Sleep Cycle
- Reducing or Eliminating Fatigue
- Reducing or Eliminating Stress

Objectives

Trainee will be able to:

- Demonstrate sufficient knowledge of the topics detailed in ICAO Doc. 9966, Manual for the Oversight of Fatigue Management, to achieve the standard nominated by the participants' State Regulatory Authority.

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GANS COURSES



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For more information, please contact the training centre: Tel: +971 3 7996478 / 6533 / 6531

Email: training@gans.aero | trainingsolutions@gans.aero

GLOBAL AIR NAVIGATION SERVICES: website: www.gans.aero | P.O. Box 144752, Abu Dhabi, UAE



Course Aim

To provide the trainee with the knowledge and skills necessary for the provision of Air Traffic Services based on performance-based navigation (PBN).

Course Information

Duration

- 1 Training Day

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater.
- An ATC licence with the appropriate rating.

Overview

Course Modules

- Introduction to performance-based navigation (PBN)
- Global navigation satellite system
- Application of PBN to air traffic management
- Performance-based navigation approaches
- PBN concept

Objectives

Trainee will be able to:

- Demonstrate understanding of the concept and principles of performance-based navigation (PBN) in a particular airspace
- Demonstrate understanding of performance-based navigation (PBN) with specific reference to the application of procedures and principles relating to RNAV, RNP and GNSS operations in day-to-day tasks

Global Air Navigation Services



Course Aim

To review, reinforce or enhance the existing competencies of ATCOs to provide a safe, orderly and expeditious flow of air traffic, during non-routine situations.

Course Information

Duration

- 1 Training Day

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- Hold an ATC rating

Overview

Course Modules

- As per ICAO Doc. 10056 Volume 1 and relevant state authority procedures.

Objective

Trainee will be able to:

- Apply standard practices and procedures, using approved phraseology and effective communication;
- Manage non-routine situations, such as:
 1. Unusual and emergency situations related to aircraft operations;
 2. Degraded modes of ATS operation.



Course Aim

To introduce Subject Matter Experts to a comprehensive range of teaching strategies and techniques which will equip them to provide effective instruction in a classroom environment.

Course Information

Duration

- 5 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 5.5 or greater.

Overview

Course Modules

- The characteristics of adult learners
- The qualities of a good trainer
- Communication
- An optimal classroom environment
- Learning styles
- Writing training objectives
- Planning effective training
- Implementing active learning
- Effective questioning techniques
- Summative assessment
- Effective feedback
- Instructing in a second language environment
- Distance Learning
- Digital tools

Objectives

Trainee will be able to:

- Demonstrate the teaching techniques covered on the course.



Course Aim

To review and consolidate Subject Matter Experts' understanding of a range of classroom teaching strategies and techniques.

Course Information

Duration

- 2 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- The participant has previously attended a Train the Trainer course or similar instructional techniques course.

Overview

Course Modules

- Classroom Environment
- Communication
- Learning Styles
- Motivation
- Effective PowerPoints
- Active Learning
- Questioning Techniques
- Assessment for Learning
- Practical Exercises

Objectives

Trainee will be able to:

- Appraise their existing classroom teaching practice, and apply effective techniques and strategies when delivering classroom-based instruction.



Course Aim

To provide an English language foundation as preparation for new trainees who do not yet have the English language level required to begin the ICAO 051 Basic ATC course. This course is paired with Aviation Communication 2 Intermediate.

Course Information

Duration

- 60 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 4.0 or greater.

Overview

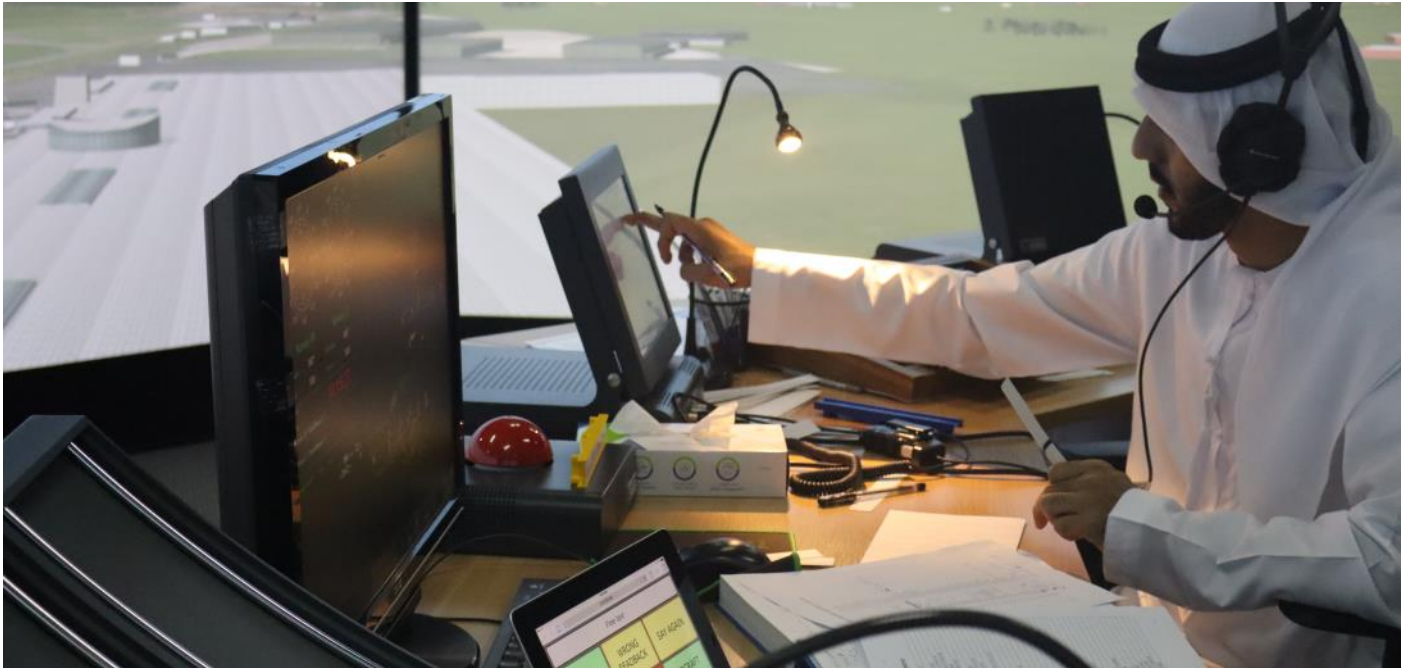
Course Modules

- Requests
- Sharing information
- Routines
- Culture and communication
- Descriptions
- Intentions
- Prediction and probability
- Reporting
- ICAO standard phraseology alphabet and numbers

Objectives

Trainee will be able to:

- Gain foundation English language knowledge and skills necessary to continue with aviation communication 2.



Course Aim

This course is a continuation of the training begun in Aviation Communication 1 Pre-Intermediate.

To provide an English language foundation as preparation for new trainees who do not yet have the English language level required to begin the ICAO 051 Basic ATC course.

Course Information

Duration

- 60 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- Successful completion of Aviation Communication 1 Pre-Intermediate.

Overview

Course Modules

- Choices
- Conditions
- Recalling information
- Location
- Past actions and events
- Future actions and events
- Prediction and probability
- Decisions
- ICAO standard phraseology alphabet and numbers

Objectives

Trainee will be able to:

- Gain a foundation of the English language knowledge and skills necessary to carry out communicative functions and tasks associated with aviation training.



Course Aim

To provide the trainee with English language knowledge and skills required to begin the ICAO 051 Basic ATC course.

Course Information

Duration

- 60 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 4.0 to 5.0.

Overview

Course Modules

- Requests
- Recalling information
- Location
- Past actions and events
- Future actions and events
- Prediction and probability
- Reporting
- Decisions
- ICAO standard phraseology alphabet and numbers

Objectives

Trainee will be able to:

- Gain foundation English language knowledge and skills necessary to carry out communicative functions and tasks associated with aviation training.

Ab-initio Trainee

Aviation Communication



Course Aim

To provide and familiarize trainee who is new to the field of aviation , with topics of Aviation English.

Course Information

Duration

- 15 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 5.5 or greater.

Overview

Course Modules

- Apply the Use of Aviation English Letters and Numbers.
- Describe the basic types of aircraft and label their basic parts.
- Develop and understanding of common topics in the field of Aviation.
- Develop an understanding of historical Aviation Incidents and Accidents and how they have affected current aviation policy and procedures.
- Develop an awareness and understanding of the different accents of English aviation professionals are likely to encounter in their career.
- Describe the components of the ELPAC ELP test and the strategies for performing well on ELP exams.

Objectives

Trainee will be able to:

- Demonstrate the ability to identify, explain, and discuss aviation related incidents.



Course Aim

To facilitate the acquisition of aviation language knowledge and skills necessary to function effectively and safely in an aviation environment.

Course Information

Duration

- 15 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 5.5 or greater.

Overview

Course Modules

- Units in Check Your Aviation English Textbook
- GCAA

Objective

Trainee will be able to:

- Demonstrate the use of basic RTF in ATC\Pilot communications and plain English as per ICAO English Language Proficiency rating scale.

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Test Aim

The English language and aptitude tests are designed to assess the suitability of candidates who would like to pursue a career in air traffic control.

Overview

- Psychometric test,
- English language tests

Course Information

Duration

- 2 Training Days

Delivery mode

- Instructor-led (classroom)

Entry Criteria

Minimum qualification:

- High School Certificate.

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Course Aim

To provide the trainee with necessary knowledge, skills, and attitudes to ensure the flow of aeronautical data and information necessary for global air traffic management system safety, regularity, economy and efficiency in accordance with ICAO Annex 15 requirements.

Overview

Course Modules

- As per ICAO Doc. 8126, Aeronautic Information Service Manual and ICAO Doc 9991 Manual on Aeronautical Information Services Training.

Course Information

Duration

- 50 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 5.0 or greater.

Objectives

Trainee will be able to:

- Perform functions of an AIS provider.
- Manage aeronautical information and data.



Course Aim

To refresh the knowledge and fundamental skills of the ATS Shift Supervisors. This will ensure a high level of performance in their supervisory role at the ATCU in accordance with the best practices.

Course Information

Duration

- 2 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- The participant has previously attended an ATS Supervisor course.

Overview

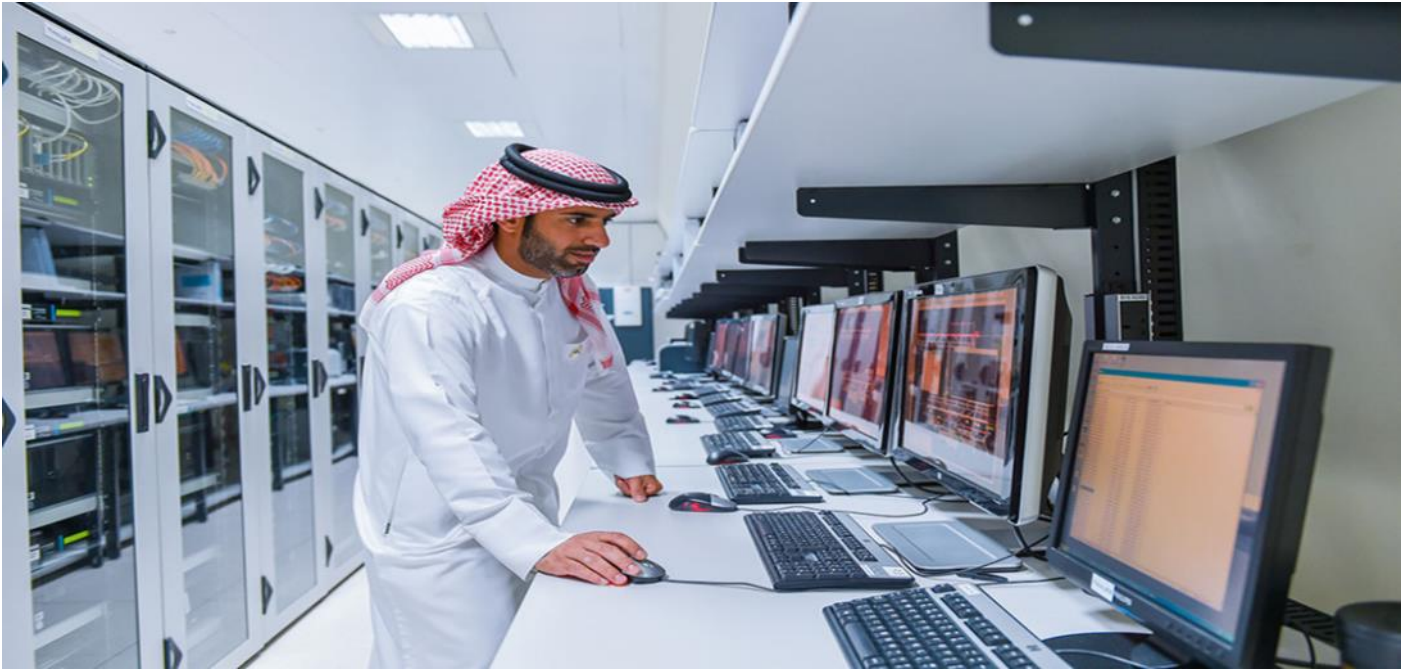
Course Modules

- HOW/TOW
- Watch log maintenance
- Staff management
- Managing routine, non-ABES ATS operations
- Managing ATS ABES Operational Events

Objectives

Trainee will be able to:

- Perform HOW/TOW procedures and practices
- Maintain the ATC Watch Log
- Manage staff
- Manage ATS operations



Course Aim

To provide the trainee with the Knowledge, Skills and Aptitude required to perform activities on a wide variety of CNS/ATM systems and equipment.

Course Information

Duration

- 60 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater.
- Bachelor or Higher Diploma in: Electronics or Mechatronics, or Avionics or Communication Engineering.

Overview

Course Modules

- As per ICAO Doc. 10057, Manual on Air Traffic Safety Electronics Personnel Competency-based Training and Assessment.

Objectives

Trainee will be able to :

- Monitor, control and report in real time of technical services, supported by electronic systems and/or equipment for CNS/ATM.
- Conduct preventive maintenance, corrective maintenance and/or modification and updates of supporting electronic systems and/or equipment for CNS/ATM.



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Course Aim

To enhance the knowledge and develop the skills of current or potential ATS supervisors to effectively perform their supervisory role in accordance with international best practices.

Course Information

Duration

- 4 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater.

Overview

Course Modules

- Handover/takeover procedures
- Watch log maintenance
- Staff management
- Managing routine and non-ABES ATS operations
- Managing ATS ABES Operational Events

Objectives

Trainee will be able to:

- Supervise ATS operations in an operational environment.



Course Aim

To provide the trainee with the knowledge and skills to manage and administer an air traffic control facility in accordance with ICAO standards and recommended practices, and local regulations.

Course Information

Duration

- 5 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater.

Overview

Course Modules

- Manage ATS Facility and Systems
- Conduct administration task in accordance with ICAO/CAA/Organization, QMS and SMS requirements.

Objectives

Trainee will be able to:

- Manage Air Traffic Services (ATS) facility and systems
- Perform administrative tasks in accordance with ICAO/CAA/Organization, QMS and SMS requirements.

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Course Aim

To provide the trainee with the necessary knowledge, skills and attitudes to participate in and support formal ATS occurrence and SMS investigations in an ATC workplace environment, specifically for investigating ATM incidents, in accordance with ICAO Annex 13, document 9426 and document 9756.

Overview

Course Modules

- Pre-course readings
- Evidence: collection and preservation
- Interview techniques
- Analysis of events
- Identification of causes and safety recommendations

Course Information

Duration

- 5 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater, with a score of 6.0 in writing.
- Minimum 5 years' experience as a licensed ATS provider or equivalent appropriate aviation industry qualification (e.g. aircraft pilot, avionics engineer, air navigator etc.);
- Computer literacy in Word and Excel.

Objectives

Trainee will be able to conduct ATS investigations through:

- Collecting and preserving evidence;
- Conducting interviews;
- Analysing multiple pieces of evidence;
- Appraising results from a reconstruction of events;
- Developing a list of causes and safety recommendations.



Course Aim

To enable the trainee to refresh the duties of an ATS Safety incident investigator.

Course Information

Duration

- 2 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- The trainees have successfully attended an ATM Incident Investigation Course or similar.

Overview

Course Modules

- Evidence: collection and preservation
- Interview techniques
- Analysis of events
- Identification of causes and safety recommendations
- Report writing
- Just culture
- Tape transcripts

Objectives

Trainee will be able to conduct ATS investigations through:

- Collecting and preserving evidence;
- Conducting interviews;
- Analysing multiple pieces of evidence;
- Appraising results from a reconstruction of events;
- Developing a list of causes and safety recommendations.



Course Aim

To provide Air Traffic Management staff with the knowledge, skills and attitudes necessary to effectively conduct threat and error management in the workplace; and perform as part of a team in accordance with CAA requirements and ICAO Cir 314 AN/178 Threat and Error Management in Air Traffic and Doc 9683 Human Factors Training Manual.

Course Information

Duration

- 3 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater.
- Currently working or have worked, in ATM operations.

Overview

Course Modules

- Threat and error
- Team Resource Management
- Situational Awareness

Objectives

Trainee will be able to:

- Comply with the requirement of the regulatory training in order to positively effect ATC performance by reducing and / or eliminating ATC incidents related to human error and enhancing safety standard in the provision of air traffic services.



Course Aim

To provide pilots with the necessary knowledge, skills and attitudes to coordinate effectively with air traffic controllers in order to maintain safe and expeditious air traffic services in accordance with ICAO/CAA requirements.

Course Information

Duration

- 3 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater.
- Currently working or have worked, in ATM operations.

Overview

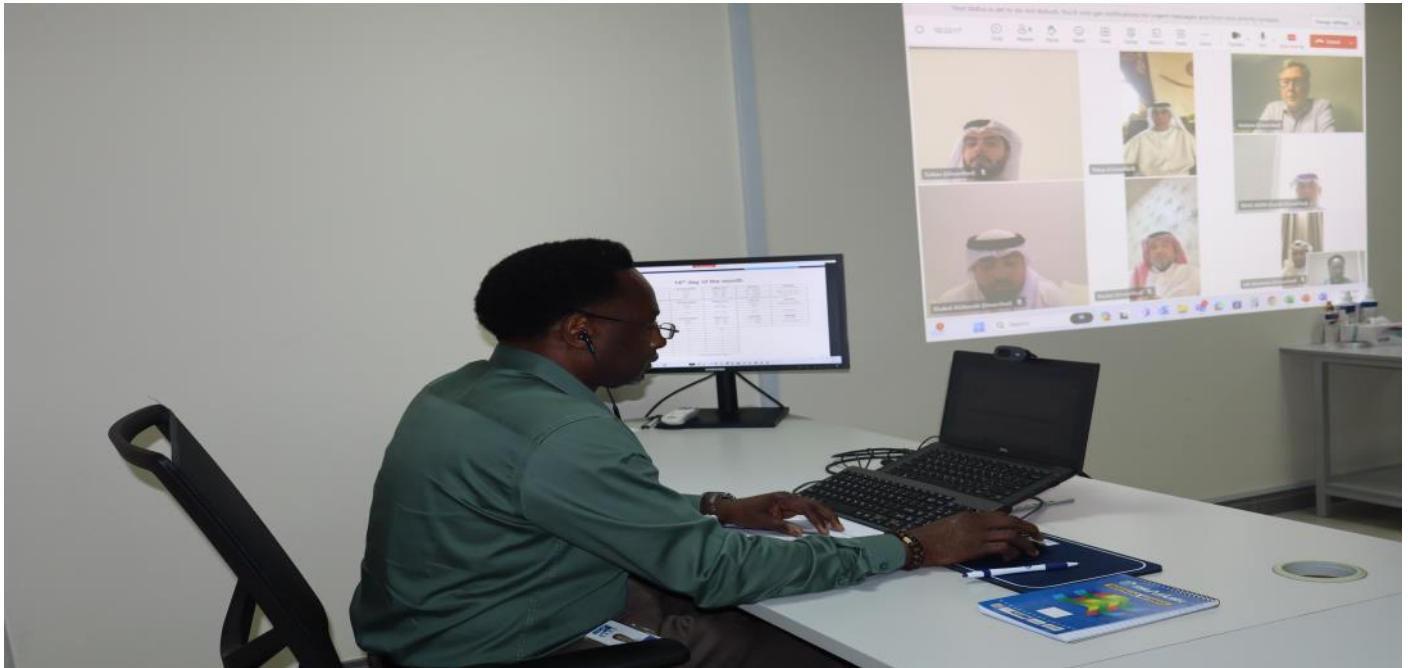
Course Modules

- Comply with standard operating procedures in air traffic services.

Objectives

Trainee will be able to:

- Enhance collaboration with ATC, in order to reduce controller work load and adhere to safety regulatory requirements.
- Enhance effective communication between pilots and ATC in order to maintain a safe, orderly flow of air traffic.
- Appreciate air traffic management procedures for effective flight operations.



Course Aim

To provide instructors with the competencies required to deliver online courses.

Course Information

Duration

- 1 Training Day

Delivery mode

- Instructor-led (virtual-classroom)

Entry Criteria

- At least 3 years of instructional experience, within the last 5 years.

Overview

Course Modules

- Virtual-Instructor Competencies

Objectives

Trainee will be able to:

- Prepare for virtual classroom delivery
- Manage learning activities in a virtual classroom
- Deliver instruction effectively in a virtual classroom

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Course Aim

To provide developers with the competencies required to design and develop Standardized Training Packages (STPs), in accordance with the ICAO Doc 9941, Training Development Guide, Competency-based Training Methodology.

Course Information

Duration

- 10 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- Experience in one or more civil aviation fields or in human resources development and training;
- Experience in the preparation of a wide range of training aids and their effective incorporation into a training programme (desirable);
- Computer skills using contemporary software programmes; and
- Good oral and written command of the language of instruction.

Overview

Course Modules

- Preliminary Study
- Job Analysis
- Population analysis
- Design of Curriculum
- Design of Modules
- Production and Developmental Testing
- Validation

Objectives

Trainee will be able to:

- Conduct a preliminary study;
- Conduct a job analysis;
- Conduct a population analysis;
- Design the curriculum;
- Design the modules;
- Establish validity and reliability of tests;
- Establish validity of a training course.



Course Aim

The TMC course addresses the operational aspects of managing an aviation training organization that meets the required standards of operation, training delivery, and quality management. It will enable the participants to apply the ICAO training organization assessment guidelines in order to prepare their training organization to meet and maintain operational and quality standards for ICAO recognition.

Course Information

Duration

- 5 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- Current or future management responsibility or decision authority within the training organization.

Overview

Course Modules

- Training Organization Setup
- Training Organization Operations
- Training Organization QMS

Objectives

Trainee will be able to:

- Identify requirements for the establishment of an aviation training organization;
- Evaluate the level of compliance of a training organization with ICAO provisions; and
- Develop an action plan to ensure compliance of a training organization with relevant international requirements.



Course Aim

To provide CATC personnel with the competencies to implement TRAINAIR PLUS Level 3 post-training evaluation processes, measure the impact of delivered training on work performance, and enhance the quality of developed courses and implemented training processes.

Course Information

Duration

- 5 Training Days

Delivery mode

- Instructor-led (classroom and/or virtual-classroom)

Entry Criteria

- Any individual involved in the current or future tasks related to the preparation of courses implementing a methodology based on competencies, related to the management of the academic processes in a training centre and the activities related to the implementation of quality systems in the instruction and/or a person dedicated to the tasks of delivering courses in any aviation specialty.
- Computer skills using contemporary software programs
- Good oral and written command of the language of instruction

Overview

Course Modules

- Fundamentals of the TRAINAIR Plus PTE Methodology
- Level 3 PTE Procedures and Tools
- Implementing Level 3 PTE

Objectives

Trainee will be apply to:

- Explain the theoretical and practical framework of the TRAINAIR PLUS Level 3 post-training evaluation (L3PTE) methodology;
- Prepare a Level 3 post-training evaluation report procedure;
- Draft a plan to promote the PTE culture in a training organization.



Course Aim

To provide trainee with basic instructional skills, knowledge and techniques, as well as contemporary methods, which will enable them to prepare and be ready to deliver training courses in an efficient and effective way.

Course Information

Duration

- 30 Training Hours

Delivery mode

- Self-paced.

Entry Criteria

- Pre-service and in-service trainers with little or no formal training background.

Overview

Course Modules

- Module 0: Introduction
- Module 1: Preparation of Training Facility
- Module 2: Management of trainees
- Module 3: Delivery of the course
- Module 4: Performing Trainee Evaluation
- Module 5: Evaluating Training Effectiveness

Objectives

Trainee will be able to:

- Prepare the training environment and ensure adequate facilities and equipment;
- Effectively manage and assess the trainees;
- Determine appropriate methods of – and approaches to – instruction;
- Write a course delivery report.



Course Aim

To provide instructors with the competencies to deliver competency-based courses in a classroom, in accordance with the ICAO adopted instructor competency model.

Course Information

Duration

- 5 Training Days

Delivery mode

- Instructor-led (classroom).

Entry Criteria

- University degree or equivalent qualifications and experience in one or more civil aviation field) or in adult learning development and training;
- Computer skills using contemporary software programmes; and
- Good oral and written command of the language of instruction.

Overview

Course Modules

- Introduction
- Preparing for Instruction
- Training Delivery
- Training Evaluation

Objectives

Trainee will be able to:

- Complete course preparation procedures using corresponding checklists;
- Apply instructor competencies in the delivery of a classroom training session;
- Evaluate the training session.

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Course Aim

To provide aviation professionals with the competencies required to apply psychoactive substance preventive measures, stress, and fatigue management procedures in accordance with ICAO Annex 1 and Docs 9654, 9966 and 9859.

Course Information

Duration

- 4 Training Days

Delivery mode

- Instructor -led (classroom and/or virtual-classroom)

Entry Criteria

- An English IELTS band average of 6.0 or greater.
- Aviation industry job role.

Overview

Course Modules

- As per ICAO Annex 1, Doc 9654, 9966 and 9859.

Objectives

Trainee will be able to:

- Recognize the effects of psychoactive substances on human cognitive and motor skills.
- Develop strategies for recognizing signs of fatigue in oneself and others within the aviation environment.
- Integrate fatigue and stress management psychoactive substance awareness practices in the provision of safe and efficient aviation operations.
- Identify available resources and support systems for fatigue, stress, and substance abuse management within aviation organizations.
- Apply psychoactive substance awareness principles to ensure compliance with aviation safety standards.



Course Aim

To provide Civil Aviation Authorities (CAA) and Civil Aviation Training Centre (CATC) personnel responsible for training with the knowledge to determine if a TNA is required to address a performance gap, and the steps associated with conducting a TNA, in accordance with the relevant ICAO provision.

Course Information

Duration

- 1 Training Day / 2 Training Hours

Delivery mode

- Self-paced online

Entry Criteria

- N/A.

Overview

Course Modules

- As Module 1 Training Needs Analysis Fundamentals
 1. Function of a TNA
 2. TNA within ICAO context
 3. TNA process
- Module 2 Training Needs Analysis Procedures
 1. Performance analysis
 2. Job analysis
 3. Training requirements analysis

Objectives

Trainee will be able to:

- Identify the function of a training needs analysis.
- Identify the steps associated with a training needs analysis.



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