

**Course Name:**

**ICAO Annex 14 Volume 1 –Aerodrome Design and Operations.**

**About:**

This course provides you with an understanding of ICAO Annex 14 (Aerodromes) specifications on the planning and design of aerodromes and their operations.

**What you will learn:**

Upon completion of this course, you will be able to:

- 1) Gain knowledge and skills on the planning and design of aerodromes and their operations.
- 2) Understand ICAO Annex 14 (Aerodromes) and related Standards and Recommended Practices (SARPs).

**Who should attend?**

This course is beneficial to personnel involved in the regulation, design, development and certification of airports from civil aviation administrations and airport authorities.

- 1) Duty Managers, Airport Operations and Safety personnel.
- 2) Safety and Compliance Managers.
- 3) Airport Planners, Designers and civil engineers.
- 4) Airport operations managers.
- 5) CAA aerodrome inspectors.
- 6) Aerodrome auditors.

## **COURSE CONTENTS:**

- 1) Aerodrome design criteria and certification requirements.
- 2) Aeronautical data for promulgation in the Aeronautical Information Publication.
- 3) Visual aids for navigation and for denoting obstacles and restricted use areas.
- 4) Aerodrome operational safety and emergency services.
- 5) Aerodrome maintenance.
- 6) Aerodrome Physical Characteristics, Dimensions and Codes.
- 7) Pavement Types: ACN and PCN.
- 8) Runway Friction and Maintenance.
- 9) Aerodrome Lighting and Safeguarding.
- 10) Obstacle Limitation Surfaces (OLS).
- 11) Runway Declared Distances.

## **DURATION:**

60 hours/ 3 weeks.

## **LEVEL: 1**

**INSTRUCTION LANGUAGE: English / Arabic**