

Area control radar course

At the end of the course the trainees will get the required knowledge, skill and attitude for the issuing, keep it up to date their **AIP** and amend the foreign **AIP** up to date.

Target population:

Air traffic controllers

Course duration:

(3 week – 5 working days - 75 hours) including practical exercises

Language:

The course is provided either in Arabic or English Language.

Module Structure:

Module 1: Introduction to Air Traffic Control

- The role and responsibilities of an air traffic controller
- Types of airspace and their classifications
- Introduction to basic aircraft types and their performance characteristics

Module 2: confliction Strategies in High-Density Traffic

- Expert-level techniques for managing congested airspace
- Prioritization strategies for ensuring safe and efficient traffic flow.
- Effective communication under pressure during peak periods.

Module 3: Emergency Procedures and Crisis Management

- Advanced training for handling in-flight emergencies and near misses.
- Maintaining composure and clear communication during critical situations.
- Decision-making strategies for optimal response to unforeseen events.

Module 4: Communication Skills Enhancement

- Refining your communication clarity and conciseness for clear instruction to pilots.
- Mastering active listening techniques for effective information exchange.
- Effective use of standardized phraseology for enhanced safety

Module 5: Human Factors in Air Traffic Control

- Understanding the impact of fatigue, stress, and decision-making on performance.
- Developing strategies for maintaining focus and well-being in a demanding environment.
- Building a strong team culture for improved communication and support.

Module 6: Practical Exercises and Simulations

- Hands-on experience with radar and air traffic control simulation software
- Scenario-based exercises to apply learned concepts in real-world situations
- Practice of separation techniques and communication protocols
- Performance evaluations and feedback for continuous improvement

By successfully completing this course, you will acquire the foundational knowledge and practical skills needed to pursue a career as a qualified air traffic controller.

Course price / trainee: 2000 \$