

# Human Factors for Air Traffic Controllers

## Course Objectives (Aims)

- To provide training to reduce or minimize the impact of human related errors in aviation and in Air Traffic Control

## Course Main Topics (Contents)

- Human Factors in ATC system
- Shell Model
- Reason Model
- Human Errors
- Work load
- Selection And Training of Controllers
- Future Changes affecting ATC such as CNS/ATM Concepts; and Data Link
- Shift work
- Dirty Dozen: Stress, Fatigue, Team Work, Pressure Selection and recruitment, Norms, Sleep ...etc.
- Leadership
- Supervision
- Automation in air traffic control
- Brief on Team resource management
- Brief on Safety Management System

## Course Duration / Fees

- 1 Week

## Minimum Number of Trainees

- 6 – 12 trainees

## Pre-Requisites

- Trainee should have Good command of English language with Background of Air Traffic Services
- Hold ATC rating or have held professional qualifications in an aviation related discipline