



eLEARNING COURSES

Air Transport Forecasting

ICAO is a global civil aviation forum for 191 Member States. Its vision is to achieve sustainable growth for the global civil aviation system.

CAE is a global leader in modelling, simulation and training for civil aviation and defence.

ICAO and CAE have partnered to offer the following e-learning courses:

- Air Transport Statistics
- Air Transport Economics and Policy
- Forecasting for Air Transportation.

Product Description

The air transport world faces major challenges at the current time in addressing high fuel prices while catering for demand which is showing greater volatility than in the past. Airports increasingly present a major infrastructure constraint to meeting the demand for air travel. Many principal airports are already severely congested while the airline industry remains fiercely competitive. A thorough understanding of the nature of demand coupled with the knowledge of how to effectively manage capacity will be essential for success in this fast-changing commercial environment. Measures to expand airport capacity will be considered in relation to both terminals and runways and the interaction with surface transport.

This course aims to address key demand and supply issues, assess forecasting methodologies and discuss future strategies.

The training courses will be designed to provide training on the economics of air transport at large and it concerns best practices in statistics and data manipulation, forecasting and planning as well as air transport regulation frameworks.

Why ICAO-CAE training?

- **Competency:** ICAO has a long-standing reputation as an air transport economics and policy regulating body. CAE is a leading provider of training solutions for civil aviation and defence and was an early adopter of e-learning and blended training solutions.
- **Convenience:** The course is delivered in a web-based interactive platform with user-friendly interface and is accessible 24/7.
- **Results-oriented:** The learning process includes comprehensive material presentation enhanced by testing sessions as well as final exam and certification.
- **Recognition:** The competencies acquired in this course will be industry - recognized worldwide.

Target Audience

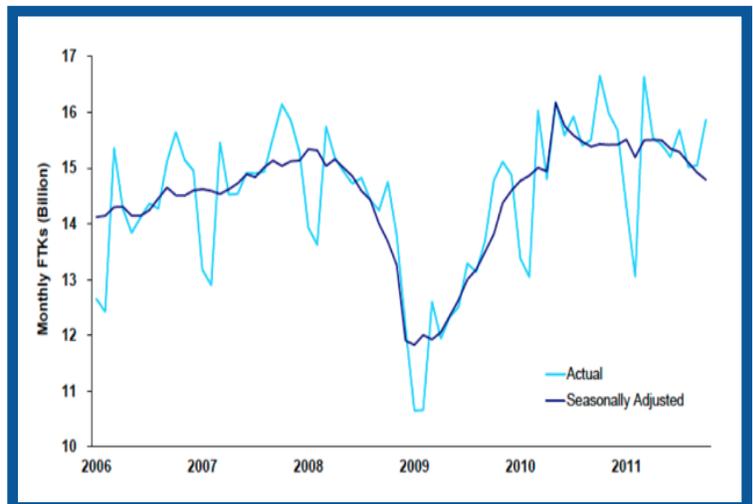
This course would be of interest to airports and airlines planners, managers and operational staff, aviation specialists in government departments, analysts from aircraft manufacturers and consultants who are working in the field of air transport.

Modules

- Module 1: The different purposes of air traffic forecasting
- Module 2: Air travel demand
- Module 3: Forecasting methodologies: techniques and methods
- Module 4: Model development and evaluation
- Module 5: Forecasts, results and analysis
- Module 6: Forecasting for aviation planning

eLEARNING COURSES

Air Transport Forecasting



To subscribe to this course please visit:

<http://icao.caelearning.com>

Important: Pre-requisite reference material for this course is **Doc 8991 - Manual on Air Traffic Forecasting**, which must be purchased from ICAO before subscribing:

www.icao.int/store

For more information and support:

eap@icao.int or elearning@cae.com