

GLOBAL AVIATION SAFETY PROGRAMME, COURSE CODE: B-6

AVIATION DEMAND FORECASTING AND AIRPORT CAPACITY CALCULATION

20 June to 3 July 2018

1. PURPOSE

This course is to offer Airport Managers/Operators necessary knowledge to interpret the estimation of airport demand forecast & capacity. In order to figure the various forecasting and capacity methods out, this course will provide essential guidelines needed to manage airport planning and operation efficiently. Course Participants will learn about major techniques and case study based on International Guidances such as ICAO, ACI and IATA.

2. CONTENTS

- Estimation of Air Traffic Forecasting
- Estimation of Air Passenger Forecasting
- Airport Landside Planning
- Planning & Design of Passenger Terminal
- Level of Service for Passenger Facilities
- Airport Capacity Overview
- Estimation of Airside Capacity
- Estimation of Passenger Terminal Capacity
- Case Study & Practice of Air Traffic Forecasting
- Case Study & Practice of Runway Capacity
- Key Considerations of Airport Planning

3. PARTICIPANTS

15

4. PARTICIPATION REQUIREMENTS

- Be in good health both physically and mentally, to undergo the course.
- Sufficient proficiency in spoken English
- Has not participated in the same KOICA fellowship programme for the past three (3) years.
- Show a high level of participation and commitment throughout the course and promote capacity building in his/her organization after the completion of the program.
- At least three (3) years of airport pavement management and/or maintenance experience.
- (Recommended) Airport civil engineers assigned to the tasks of airport pavement evaluation having at least 2 years' job experience.
- Should submit the Official Nomination Form issued and authorized by applicants' Government.

5. EXPENSES

- Korea Airports Corporation will bear expenses including course fees, accommodation fees and some living expenses such as daily allowance, meals, etc.
- Airfare and travel allowance for the participation for this course shall be paid by the

participant's side.

6. PROCESS OF APPLICATION AND SELECTION

- a) Access the registration menu on the website (www.korea-ftp.org) with your e-mail address and password.
- b) Complete the application and upload the official nomination at the same time.
- c) Submit your medical report through the website after getting the medical requirement from the Korean Government.
- d) Applicant will get the award from ICAO according to the result of Korean Selection Committee.
- e) Course Coordinator will contact the participants regarding invitation letter and transportation to the training venue, etc.

Remarks: — *Selections will be made by the Selection Committee in the Republic of Korea after the details on your application and official nomination registered in the website are confirmed by Korean Government Official.*

7. APPLICATION DEADLINE

30 April 2018 (18:00, Local Time)

8. CONTACTS

- Information on the course and academy:
 - Mr. Gee-suk Hong (Justin)
Civil Aviation Training Center, Korea Airports Corporation
Telephone: 82 43 290 2316, Fax: 82 43 290 2400
E-mail: sky@airport.co.kr
- Matters on submitting a nomination form and accessing the website:
 - Ms. Eun-kyoung Kim
Ministry of Land, Infrastructure and Transport
Telephone: 82 44 201 4361, Fax: 82 44 201 5637
E-mail: koreaftp@korea.kr