

## **AIRPORT PLANNING AND MANAGEMENT**

### **Course Intent**

Airports provide the major infrastructure used in the provisions of commercial airline services. Globally, there are us\$300 billion invested in airport infrastructure, compared with \$550b invested by airlines and aircraft lessors. The facilities at an airport determine what types of aircraft an airline can operate. Airports are usually the largest single pieces of real estate in their urban region and they have many impacts on their communities. Thus airport planning is important not only for the airport, but also for their airline customers and their communities. Airlines must do business with the airport operating company at each station that it services. For Turkish Airlines, that means that in addition to its global hub at Istanbul Ataturk Airport, it will have business relationships with 260 other airports. While in the past, airports were thought of as government public utilities, today all airports are operated as businesses, with an increasing number of these businesses being private sector companies. This course is intended to give aviation managers an understanding of the airport business, how airports operate and key aspects of airport planning.

### **Course Format**

This course is taught over 6 consecutive days, each with 7 hour glasses.  
Modules will have 15 minutes breaks.  
Course language will be English.

### **Teaching level:**

- This course is a course in masters' degree.
- Students are assumed to have basic knowledge of the aviation industry and most have experience with an airline, airport and other aviation related business.
- The course will be taken after completion of the core of the Master's program.

### **Course Evaluation**

Students will be marked on a combination of an exam, a project and class participation.

### **Course Information**

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### **Course Textbooks**

These are the textbooks for the Airport Management course.

- de Neufville, R. and A. Odoni (2013) Airport Systems: Planning, Design and Management, 2nd Edition, McGraw-Hill Education.
- Graham, Anne (2014) Managing Airports: An International Perspective, 4th Edition, Routledge Publishers.
- ACRP – Airport Cooperative Research Program (2007) Innovative Finance and Alternative Sources of Revenue for Airports, Washington, DC.

ACRP – Airport Cooperative Research Program Airport Passenger Terminal Planning and Design, Report 25, vol. 1. & vol. 2.