

# **EAS415 Airport Planning and Management**

**Level:** 4

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY JAN

## **Synopsis:**

The course provides an introductory insight for students who intend to work in the airport industry, typically in the areas of an airport authority, planning consultancy or suppliers the offer airport services. It is delivered by academic staff of Cranfield University.

## **Topics:**

- Air Transport Fundamentals
- Airport Business Management
- Airport Strategic Planning and Environmental Management
- Airport Design Fundamentals
- Airport Operations and Safety Management

## **Textbooks:**

Anne Graham: Managing Airports An International Perspective (ebook) 5th Routledge (Taylor & Francis)

ISBN-13: 9781351977852

**Learning Outcome:**

- Discuss the air transport fundamentals required in airport planning and management.
- Explain the roles of airport business management.
- Use the principles of airport strategic planning and environmental management to solve case studies in the planning of new airport projects and to find new management solutions to run existing airports.
- Use airport design fundamentals to support case studies in the design of new future airports, given user specifications.
- Explain and incorporate aspects of airport operation and safety management principles in the solution of given case studies on existing and new airport designs.

**Assessment Strategies (Evening Class):**

<b>Components</b>	<b>Description</b>	<b>Weightage Allocation (%)</b>
Overall Continuous Assessment	QUIZ 1	15
	QUIZ 2	15
Overall Examinable Components	Written Exam	70
<b>Total</b>		<b>100</b>