Course

Airline Operational Management

AVIA5005  |  6 Units of Credit
Overview

This course is complementary to AVIA5009 Airline Corporate Management which is also provided in the MScTech (Aviation)/MAvMgmt program. The introductory module of this course provides a brief overview of the corporate side of airline management and its relationship with the following modules.

Airline operations are defined as the functional areas which are directly associated with the operations of the aircraft and in the provision of operational support services. There is much overlap between the management of “corporate” and “operational” aspects of an airline. This occurs mainly in the planning processes such as fleet planning, schedule planning, and strategic planning (including business plans and annual budgets). These important processes will be covered in this course for the functional areas that play major roles in the airline.

Engineering and maintenance, airline airport operations, crew resource provision and inflight service functions are specifically covered in some detail. As well as those important functional areas, other airline processes are covered which play important roles in the operations. These include emergency planning, operations control, and punctuality management.

The more recent interest in outsourcing in airline management is looked at as airlines pursue the reduction in costs and head towards the “virtual” airline. There is a module on environmental matters in the airline and also a chapter on freight. Perhaps the latter is a little misplaced but those of you who do both the courses on Airline management should have some exposure to the freight part of the airline.

General management techniques apply to many of these functional areas. Planning, budgeting, staff and equipment rostering, and disruption management are generic but in this course are discussed from the airline’s view. The management of aircraft, crew (both technical and cabin service crew), and inflight service functions are complex, especially the impact each has on the other. This may not be unique but certainly requires some knowledge of the history of the industry. The impact of outsourcing of services has put the traditional approaches under the microscope, and with varied results.
**Faculty**
Faculty of Science

**School**
School of Aviation

**Study Level**
Postgraduate

**Offering Terms**
Term 1

**Campus**
Kensington

**Delivery Mode**
Fully online

**Indicative contact hours**
6

**Timetable**
Visit timetable website for details
Course Outline

To access course outline, please visit:

AVIA5005 Course Outline
**Fees**

**Commonwealth Supported Students**  $1395  
**Domestic Students**  $4110  
**International Students**  $4950  

**DISCLAIMER**
Please note that the University reserves the right to vary student fees in line with relevant legislation. This fee information is provided as a guide and more specific information about fees, including fee policy, can be found on the [fee website](#).

For advice about fees for courses with a fee displayed as "Not Applicable", including some Work Experience and UNSW Canberra at ADFA courses, please contact the relevant Faculty.

Where a Commonwealth Supported Students fee is displayed, it does not guarantee such places are available.
Pre-2019 Handbook Editions

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Authorised by Deputy Vice-Chancellor (Academic)
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