



**UNSW**

## UNSW Course Outline

# AVIA5035 Airport Economics, Management and Policy - 2024

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## General Course Information

**Course Code :** AVIA5035

**Year :** 2024

**Term :** Term 2

**Teaching Period :** T2

**Is a multi-term course? :** No

**Faculty :** Faculty of Science

**Academic Unit :** School of Aviation

**Delivery Mode :** Online

**Delivery Format :** Standard

**Delivery Location :** Kensington

**Campus :** Sydney

**Study Level :** Postgraduate

**Units of Credit :** 6

### Useful Links

[Handbook Class Timetable](#)

## Course Details & Outcomes

### Course Description

Globally, airports play a vital role in enabling cities, and regional and national economies, to compete. As part of the modern airport system, a variety of stakeholders are required to cooperate to deliver what is, in principle, a very simple product - the transfer of passengers and

cargo between air and ground transport. However, the airport environment that supports this transfer is a complex economic and legal entity, which relies on a carefully managed interrelationship of processes, systems, development and operations to successfully meet its objectives.

This fully online course provides students with the opportunity to work through Units that explore various key topics related to airport economics, management and policy. The Units enable students to learn core concepts in a self-paced manner and self-assess their understanding of the content through review exercises. As there is no presumed prior knowledge of airport operations and management, nor a background in economics for this course, students are first provided with a foundation understanding of the airport environment to gain confidence in their understanding of the various components contributing to its complexity. The course will then explore economic concepts related to the foundation concepts introduced, before providing opportunities to practically apply this acquired knowledge within the context of modern airport management through case study-based learning, checkpoint exercises, and assessments. Students will also have the opportunity to test their understanding and skills throughout the course and develop skills transferrable to their own careers in the aviation industry.

## Course Aims

The aim of this course is to provide students with the opportunity to develop skills for applying sound reasoning and knowledge in various economics, management and policy scenarios within the airport context, and appropriately recall and apply this knowledge based on the needs, roles and responsibilities of their own career in aviation. The course aims to introduce students to the economic and managerial challenges that will shape the future of financing, managing and regulating airports, so that they can gain an appreciation of the complexities related to airport management, development and operations.

# Course Learning Outcomes

Course Learning Outcomes
CLO1 : Articulate the role of airports in today's global economy, and identify the key stakeholders and service providers who interact at airports.
CLO2 : Apply relevant economic and management concepts to describe user demands and salient supply characteristics related to the airport context.
CLO3 : Evaluate ways in which an airport's performance can be assessed.
CLO4 : Describe and critically appraise the options for ownership, financing and regulation of airports, and how prices are set for airport services.
CLO5 : Identify ways in which relationships among service providers and end users can be managed effectively.
CLO6 : Describe how efficient airports can improve the productivity and competitiveness of their host regions.
CLO7 : Assess options to improve the environmental performance of airports, key trends and challenges shaping the future of airport management.

Course Learning Outcomes	Assessment Item
CLO1 : Articulate the role of airports in today's global economy, and identify the key stakeholders and service providers who interact at airports.	<ul style="list-style-type: none"><li>• Research Report 1</li><li>• Research Report 2</li><li>• Research Report 3</li></ul>
CLO2 : Apply relevant economic and management concepts to describe user demands and salient supply characteristics related to the airport context.	<ul style="list-style-type: none"><li>• Research Report 1</li><li>• Research Report 2</li><li>• Research Report 3</li></ul>
CLO3 : Evaluate ways in which an airport's performance can be assessed.	<ul style="list-style-type: none"><li>• Research Report 1</li><li>• Research Report 2</li><li>• Research Report 3</li></ul>
CLO4 : Describe and critically appraise the options for ownership, financing and regulation of airports, and how prices are set for airport services.	<ul style="list-style-type: none"><li>• Research Report 1</li><li>• Research Report 2</li><li>• Research Report 3</li></ul>
CLO5 : Identify ways in which relationships among service providers and end users can be managed effectively.	<ul style="list-style-type: none"><li>• Research Report 1</li><li>• Research Report 2</li><li>• Research Report 3</li></ul>
CLO6 : Describe how efficient airports can improve the productivity and competitiveness of their host regions.	<ul style="list-style-type: none"><li>• Research Report 1</li><li>• Research Report 2</li><li>• Research Report 3</li></ul>
CLO7 : Assess options to improve the environmental performance of airports, key trends and challenges shaping the future of airport management.	<ul style="list-style-type: none"><li>• Research Report 3</li></ul>

# Learning and Teaching Technologies

Moodle - Learning Management System

## Learning and Teaching in this course

The course is delivered electronically via UNSW Moodle website, on a distance-learning basis.

The core component of delivery is the course manual. The course manual approach allows students to study at their own pace, in accordance with their particular work schedules and locations, subject to having studied sufficient material to be able to address the assessments as they come due. The course manual provides a considerable range of articles, references and case studies the student can absorb. Academic review and feedback is delivered via e-mail or Moodle.

Students should be familiar with the information contained in myUNSW and Moodle regarding expectations of students, assignment submission, equity and diversity and other policies that affect you. Students are expected to check their UNSW email and the course Moodle website on a frequent basis as updates and announcements will be communicated via these platforms. Students are expected to keep up with the class schedule through the term.

## Assessments

### Assessment Structure

Assessment Item	Weight	Relevant Dates
Research Report 1 Assessment Format: Individual	25%	Start Date: Week 1 Due Date: 30/06/2024 11:59 PM
Research Report 2 Assessment Format: Individual	25%	Start Date: Week 1 Due Date: 21/07/2024 11:59 PM
Research Report 3 Assessment Format: Individual	50%	Start Date: Week 10 Due Date: 16/08/2024 11:59 PM

### Assessment Details

#### Research Report 1

##### Assessment Overview

From a list of provided scenarios and questions related to Units 2 to 5 (inclusive) of the course, you will be required to choose one scenario and an associated question. Details of the assignment, including the list of scenarios will be provided in Week 1. To comprehensively answer the question, you should draw on concepts and course material taught in the relevant

Units, and appropriately source and reference scholarly literature to support your answer.

You must submit this assignment by Week 5 via Moodle. Marks and written feedback will be provided via Moodle within 10 working days following submission.

### **Course Learning Outcomes**

- CLO1 : Articulate the role of airports in today's global economy, and identify the key stakeholders and service providers who interact at airports.
- CLO2 : Apply relevant economic and management concepts to describe user demands and salient supply characteristics related to the airport context.
- CLO3 : Evaluate ways in which an airport's performance can be assessed.
- CLO4 : Describe and critically appraise the options for ownership, financing and regulation of airports, and how prices are set for airport services.
- CLO5 : Identify ways in which relationships among service providers and end users can be managed effectively.
- CLO6 : Describe how efficient airports can improve the productivity and competitiveness of their host regions.

### **Submission notes**

Please refer to Assessments Hub on Moodle

### **Assignment submission Turnitin type**

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

## **Research Report 2**

### **Assessment Overview**

From a list of provided scenarios and questions related to Units 3 to 7 (inclusive) of the course, you will be required to choose one scenario and an associated question. Details of the assignment, including the list of scenarios will be provided in Week 1. Using your choice, you will need to write a maximum 2000-word report answering the question. To comprehensively answer the question, you should draw on concepts and course material taught Units 3 to 7 (inclusive) of the course, and appropriately source and reference scholarly literature to support your answer.

You must submit this assignment by the end of Week 8 via Moodle. Marks and written feedback will be provided via Moodle within 10 working days following submission.

### **Course Learning Outcomes**

- CLO1 : Articulate the role of airports in today's global economy, and identify the key stakeholders and service providers who interact at airports.
- CLO2 : Apply relevant economic and management concepts to describe user demands and

salient supply characteristics related to the airport context.

- CLO3 : Evaluate ways in which an airport's performance can be assessed.
- CLO4 : Describe and critically appraise the options for ownership, financing and regulation of airports, and how prices are set for airport services.
- CLO5 : Identify ways in which relationships among service providers and end users can be managed effectively.
- CLO6 : Describe how efficient airports can improve the productivity and competitiveness of their host regions.

#### **Submission notes**

Please refer to Assessments Hub on Moodle

#### **Assignment submission Turnitin type**

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

### **Research Report 3**

#### **Assessment Overview**

This assignment comprises of two parts. Part A consists of short-answer questions. Part B consists of essay type questions. Questions for both parts assess content and learning explored across the entire course. The details of the research report will be released in Week 10.

The purpose of the assignment is to assess your understanding of the course material, ability to apply that understanding to a given situation, and effectively communicate this understanding.

The marker is looking for thoughtful and innovative answers that display your depth of knowledge and skills, and ability to translate and synthesise information related to the course material and concepts explored.

You must submit both Part A and Part B in one single document via Turnitin on Moodle by the end of the UNSW Official Examination Period . Marks and written feedback will be provided via Moodle within 10 working days following submission.

#### **Course Learning Outcomes**

- CLO1 : Articulate the role of airports in today's global economy, and identify the key stakeholders and service providers who interact at airports.
- CLO2 : Apply relevant economic and management concepts to describe user demands and salient supply characteristics related to the airport context.
- CLO3 : Evaluate ways in which an airport's performance can be assessed.
- CLO4 : Describe and critically appraise the options for ownership, financing and regulation of airports, and how prices are set for airport services.
- CLO5 : Identify ways in which relationships among service providers and end users can be

managed effectively.

- CLO6 : Describe how efficient airports can improve the productivity and competitiveness of their host regions.
- CLO7 : Assess options to improve the environmental performance of airports, key trends and challenges shaping the future of airport management.

#### Submission notes

Please refer to Assessments Hub on Moodle

#### Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

## General Assessment Information

Please note that you are provided with an opportunity to complete an early self-assessment quiz, due by the end of Week 4. This is a formative assessment item and the marks will not be used as a summative contribution to the final mark. However, it is expected that you will attempt it with serious intent, as the aim of this assignment is to assess your understanding of the course material early in the course to help you understand your progress and identify areas for improvement.

Marks will be provided immediately after completion of the test.

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### UNSW Aviation's decision for Short Extension Policy

The School of Aviation has carefully reviewed its range of assignments and projects to determine their suitability for automatic short extensions as set out by the UNSW Short Extension Policy. After careful consideration of our course offerings and our current structure, we have determined that our current deadline structures already accommodate the possibility of unexpected circumstances that may lead students to require additional days for submission. **Consequently, the School of Aviation has decided to not adopt the Short Extension provision for all its courses and has reassured that flexibility is integrated into our assessment deadlines.** The decision is subject to revision in response to the introduction of new course offerings. Students may still apply for Special Consideration via the usual procedures.

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## Assessment Criteria and Standards

The criteria for assessment of all written work will be:

1. overall understanding of the Research Report requirement, demonstrated in terms of material selected for inclusion in and development and structure of the student response;
2. appropriate weight and balance given to the components of the Research Report;
3. evidence of understanding of the concepts and problems being studied or reviewed;
4. evidence of relevant independent research;
5. ability to analyse and synthesise material;
6. ability to apply solutions in the aviation field from the student's own areas of experience;
7. ability to write in a concise and simple manner while solving complex and difficult issues
8. appropriate style of response utilised eg – report, briefing paper, paper for presentation, a critique etc;
9. presentation of the response allows the reader easy and clear access to the material presented and an understanding of the structure of the response;
10. appropriate referencing of researched material.

In general terms the Research Reports will be marked on:

- coverage - criteria 1, 2, 3 and 4 (45%);
- analytical skills and problem solving - criteria 5 and 6 (45%); and
- presentation – criteria 7, 8, 9, 10 (10%).

## Late Submission

**NO** late submissions will be accepted past the deadline unless students have approved extension.

## Final Course Result

All final course results are reviewed and may be scaled by the School and the Faculty. The final approved course results will be released on the official Release of Results date via UNSW email and myUNSW. Students should not assume their final official marks directly from each assessment task even after the marks for all assessments are received on Moodle.

## Field history

### Grading Basis

Standard

# Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 27 May - 2 June	Topic	Unit 1: Airports as complex economic entities
Week 2 : 3 June - 9 June	Topic	Unit 2: The demand for airport services Unit 3: The supply of airport services
Week 3 : 10 June - 16 June	Topic	Unit 4: Monitoring the performance of airports
Week 4 : 17 June - 23 June	Topic	Unit 5: Pricing airport services
Week 5 : 24 June - 30 June	Topic	Unit 6: Airport competition and marketing strategies
Week 6 : 1 July - 7 July	Topic	Unit 7: Ownership, financing and regulation of airports
Week 7 : 8 July - 14 July	Topic	Unit 8: Managing relationships in the airport
Week 8 : 15 July - 21 July	Topic	Unit 9: Taxation and cost recovery Unit 10: The role of airports in the economy
Week 9 : 22 July - 28 July	Topic	Unit 11: Mitigating the impacts of airports on the environment
Week 10 : 29 July - 4 August	Topic	Unit 12: The future landscape for managing airports

## Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

## General Schedule Information

### UNSW Aviation's decision to not release Lecture Recordings:

The School of Aviation prides itself on offering education that supports students in their personalised learning journey. This involves providing opportunities for students to engage with academics and key aviation experts to identify and address learning gaps, develop core skills and knowledge, and foster an environment of collaboration and meaningful discussion with the UNSW Aviation community. To support this vision, UNSW Aviation has decided to require students to attend all synchronous lectures (in-person or online) and not release class recordings to the student cohort. If students cannot attend a class and require learning support due to unforeseen circumstances, they should contact their Course Coordinator or Program Coordinator to discuss options for support and making up for missed class time.

## Course Resources

### Prescribed Resources

The prescribed text for this course is:

Graham, A. Managing Airports: An International Perspective, 6th edition (eBook available via Leganto on Moodle)

The following texts contain material particularly relevant to this course:

- Doganis, R. (2006) *The Airport Business*, 2<sup>nd</sup> edition, Routledge.
- Forsyth, P., Gillen, D., Muller, J. and Niemeier, H.-M. (2010) *Airport Competition. The European Experience*, Ashgate, Surrey, England.
- ICAO. 2012. 'Doc 9082, ICAO's Policies on Charges for Airports and Air Navigation Services'. 9<sup>th</sup> edition.
- ICAO. 2013. 'Doc 9562, Airport Economics Manual'. 3<sup>rd</sup> edition.
- Kahn, A. (1998) *The Economics of Regulation: Principles and Institutions*, 2<sup>nd</sup> edition, MIT Press.
- Starkie, D. (2008) *Aviation Markets. Studies in Competition and Regulatory Reform*, Ashgate, England.
- Tretheway M., Oum T. (1992) *Airline Economics: Foundations for Strategy and Policy*. Centre for Transportation Studies

## Recommended Resources

### Other References

Students can use any introductory microeconomic text to assist in their understanding of the economic concepts, although the course notes will provide the necessary explanations.

References will be made as well to ICAO publications, though the key points will be covered in the notes. The following journals are highly relevant:

- Journal of Air Transport Management
- Journal of Air Transport Studies
- Journal of Airport Management

The following journals often publish papers directly relevant to this course:

- ICAO Journal
- Journal of Transport Economics and Policy
- Transport Geography
- Transport Policy
- Transportation Research E – Logistics and Transportation Review

### Internet

The course notes will make frequent references to publications available on the Internet. Online legal systems allow you to research source material and many organisations allow you to download their publications for free. Search facilities allow instant access to quality information that is continuously being updated. You will find that there are some websites that are particularly useful and you are encouraged to absorb ideas from all over the world. Some

networks are designed for student use, for example, Airneth which can be accessed at <http://www.airneth.nl/>

Please ensure you fully cite any web references you use in your Research Reports and the date on which you referenced the material.

As a final comment, it is most important with any research, but particularly with online research, that the reference source be verified and checked to ascertain its accuracy and authenticity. Obviously the official websites of governments, educational institutions, agencies and reputable organisations are usually the best and most reliable source of information, but most references still need to be checked for currency. Many reports are published by organisations aiming to influence public policy and it is important that you appraise this material objectively. It is also common practice to state the date of viewing or referencing of online information sources.

## Course Evaluation and Development

The myExperience Survey aims to boost student feedback which creates a culture of continuous improvement by identifying, responding to, and acting on student feedback.

The course survey will open towards the end of Term. Students are encouraged to participate in the survey via Moodle, myUNSW, or through the direct myExperience link.

Please provide constructive feedback and focus on your learning experience in relation to the course material. While the survey is confidential, it is not anonymous. Comments that breach the Student Code of Conduct, that are hurtful, racist, sexist or ill natured, may lead to disciplinary action.

## Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Andrew Charlton				via email and/or Moodle forums	No	Yes

## Other Useful Information

### Academic Information

Upon your enrolment at UNSW, you share responsibility with us for maintaining a safe,

harmonious and tolerant University environment.

You are required to:

- Comply with the University's conditions of enrolment.
- Act responsibly, ethically, safely and with integrity.
- Observe standards of equity and respect in dealing with every member of the UNSW community.
- Engage in lawful behaviour.
- Use and care for University resources in a responsible and appropriate manner.
- Maintain the University's reputation and good standing.

For more information, visit the [UNSW Student Code of Conduct Website](#).

## Academic Honesty and Plagiarism

**Referencing** is a way of acknowledging the sources of information that you use to research your assignments. You need to provide a reference whenever you draw on someone else's words, ideas or research. Not referencing other people's work can constitute plagiarism.

Further information about referencing styles can be located at <https://student.unsw.edu.au/referencing>

**Academic integrity** is fundamental to success at university. Academic integrity can be defined as a commitment to six fundamental values in academic pursuits: honesty, trust, fairness, respect, responsibility and courage. At UNSW, this means that your work must be your own, and others' ideas should be appropriately acknowledged. If you don't follow these rules, plagiarism may be detected in your work.

Further information about academic integrity, plagiarism and the use of AI in assessments can be located at:

- The [Current Students site](#),
- The [ELISE training site](#), and
- The [Use of AI for assessments](#) site.

The Student Conduct and Integrity Unit provides further resources to assist you to understand your conduct obligations as a student: <https://student.unsw.edu.au/conduct>

## Submission of Assessment Tasks

### Penalty for Late Submissions

UNSW has a standard late submission penalty of:

- 5% per day,
- for all assessments where a penalty applies,
- capped at five days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

***Any variations to the above will be explicitly stated in the Course Outline for a given course or assessment task.***

Students are expected to manage their time to meet deadlines and to request extensions as early as possible before the deadline.

### **Special Consideration**

If circumstances prevent you from attending/completing an assessment task, you must officially apply for special consideration, usually within 3 days of the sitting date/due date. You can apply by logging onto myUNSW and following the link in the My Student Profile Tab. Medical documentation or other documentation explaining your absence must be submitted with your application. Once your application has been assessed, you will be contacted via your student email address to be advised of the official outcome and any actions that need to be taken from there. For more information about special consideration, please visit: <https://student.unsw.edu.au/special-consideration>

**Important note:** UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

### **Faculty-specific Information**

#### **Additional support for students**

- [The Current Students Gateway](#)
- [Student Support](#)
- [Academic Skills and Support](#)
- [Student Wellbeing, Health and Safety](#)
- [Equitable Learning Services](#)
- [UNSW IT Service Centre](#)

- Science EDI Student [Initiatives](#), [Offerings](#) and [Guidelines](#)

## School Contact Information

### Email:

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