



UNSW Course Outline

AVIA5020 Aviation Research Project - 2024

Published on the 02 Sep 2024

General Course Information

Course Code : AVIA5020

Year : 2024

Term : Term 3

Teaching Period : T3

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

The Aviation Research project is a core course in the Master of Aviation Management Program. The course provides an opportunity for students to comprehensively research a chosen topic in aviation management and produce a written report. Students are encouraged to take this course

within the first two Terms of commencing their program, to enhance the foundations that underpin all courses within their Program and set them up for success.

As part of this project, students are supported by experienced aviation and road transport academics and industry experts to develop and strengthen knowledge and skills in research including formulating a main research question and sub-research questions, along with sourcing, organising and collating relevant information using basic research methodologies to understand the chosen area of research for the project. The project may involve researching aspects of the student's employment organisational functions, or some other area of aviation interest. There is an expectation for this project to be significant and of substantive depth, with an expected commitment in alignment with UNSW student guidelines.

Course Aims

The main aim of this course is to provide students with practical research skills relevant to the applied aviation environment. The course will focus on the use of research to review, critique and analyse existing literature to provide a summary of the current state of knowledge (sometimes solutions) to issues in the aviation industry. These skills will be developed progressively throughout the course, as students develop a Research Proposal and complete a final research project in the form of a literature review. The learning approaches and design for this course align with the objectives of the Master of Aviation Management program, which is designed to allow for students to take initiative and use their imagination in using research to address challenges in the aviation industry. The identification and formulation of a research project, by the formulation of the main research question, is a strong indication of the students' capability of passing the requirements for their entire Program.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Utilise electronic search engines to find relevant scientific and technical references.
CLO2 : Sort, organise and collate existing information strategically for the purpose of a particular research objective.
CLO3 : Correctly apply basic research methodologies for constructing and addressing a research question and hypothesis.
CLO4 : Write an objective research report with logical flow of argument.

Course Learning Outcomes	Assessment Item
CLO1 : Utilise electronic search engines to find relevant scientific and technical references.	<ul style="list-style-type: none">• Research Proposal• Final Research Report
CLO2 : Sort, organise and collate existing information strategically for the purpose of a particular research objective.	<ul style="list-style-type: none">• Research Proposal• Final Research Report
CLO3 : Correctly apply basic research methodologies for constructing and addressing a research question and hypothesis.	<ul style="list-style-type: none">• Research Proposal• Final Research Report
CLO4 : Write an objective research report with logical flow of argument.	<ul style="list-style-type: none">• Research Proposal• Final Research Report

Learning and Teaching Technologies

Moodle - Learning Management System | Zoom

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Research Proposal Assessment Format: Individual	15%	Due Date: 25/09/2024 05:00 PM
Final Research Report Assessment Format: Individual	85%	Start Date: Not Applicable Due Date: 19/11/2024 05:00 PM

Assessment Details

Research Proposal

Assessment Overview

You are required to submit a 1000-2000 word research proposal outlining your topic of interest for the Aviation Research Project and your proposed approach to undertaking and completing your Literature Review Project.

The proposal should use a structure that includes a cover page, aims, background, methodology, and references, and adhere to all other instructions provided. You will be assessed on how sufficiently you have researched your chosen area of interest, and provided a rationale to support your choice of this research topic in your proposal, with a consideration of the likelihood that sufficient data and/or information is available to support the project, and the value add of your work to both your aviation career and the greater aviation industry.

As part of this assessment, you will also be required to complete a skills self-assessment survey. The survey requires you to reflect upon your confidence with skills identified as necessary for successful completion of your research project and overall Program and provide a confidence rating for each skill. The self-assessment will form a basis for discussion with, and feedback from your Course Facilitator. Therefore, you are asked to provide a considered and honest reflection, so they can best guide you to appropriate resources and provide advice for improving your skills in the identified areas.

You must submit the Research Proposal and self-assessment to the Course Facilitator by Week 3 of the Term in which you commence the research project. You will receive detailed written and verbal feedback on your proposal within 10 working days after submission.

Course Learning Outcomes

- CL01 : Utilise electronic search engines to find relevant scientific and technical references.
- CL02 : Sort, organise and collate existing information strategically for the purpose of a particular research objective.
- CL03 : Correctly apply basic research methodologies for constructing and addressing a research question and hypothesis.
- CL04 : Write an objective research report with logical flow of argument.

Assignment submission Turnitin type

Not Applicable

Generative AI Permission Level

Simple Editing Assistance

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

Final Research Report

Assessment Overview

Your final Research Report should be a complete description of the project aims, motivation and/or rationale, methods, results and discussion, and conclusions, and be self-contained and written in a professional manner. It should be 5000-10,000 words in length.

The report should take a structure of cover page, abstract, introduction, aims, methodology, results and discussion, conclusions, and references. You will be assessed on how well you have researched your chosen topic using appropriate literature (scholarly and non-scholarly), and clearly summarised findings, limitations, and recommendations based on the review of literature.

You are required to submit your final Research Report during the official UNSW study period respective to the Term in which you commenced your Research Project. Feedback is available upon inquiry with the convenor.

Course Learning Outcomes

- CL01 : Utilise electronic search engines to find relevant scientific and technical references.
- CL02 : Sort, organise and collate existing information strategically for the purpose of a particular research objective.
- CL03 : Correctly apply basic research methodologies for constructing and addressing a research question and hypothesis.
- CL04 : Write an objective research report with logical flow of argument.

Assignment submission Turnitin type

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

Generative AI Permission Level

Simple Editing Assistance

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

General Assessment Information

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.

~~~~~  
~~~~~

Grading Basis

Standard

Course Schedule

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.

~~~~~  
~~~~~

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Soufiane Boufous		School of Aviation, Level 2, old school building	61293856227	soufiane@unsw.edu.au	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](https://student.unsw.edu.au/conduct).

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:

aviation@unsw.edu.au

Telephone:

Undergraduate Courses - +61 2 9385 5756 (Katie Wang)

Postgraduate Courses - +61 2 9385 5787 (Michelle Lee)