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1. Staff contact details

Contact details and consultation times for course convenor

Name: Professor Con Doolan
Office location: Ainsworth 408
Tel: (02) 9385 5696
Email: c.doolan@unsw.edu.au

Name: Dr Danielle Moreau
Office location: Ainsworth 408
Tel: (02) 9385 5428
Email: d.moreau@unsw.edu.au

For any course administrative matters or to arrange an appointment outside of scheduled teaching and consultation times, please contact Dr Moreau via email.

Contact details and consultation times for additional lecturers/demonstrators/lab staff

Additional lecturers:
Name: Dr Yendrew Yauwenas
Email: yendrew@unsw.edu.au

Name: Dr Manuj Awasthi
Email: m.awasthi@unsw.edu.au

Name: Dr Jeoffrey Fischer
Email: jeoffrey.fischer@unsw.edu.au

Please see the course Moodle for demonstrator and lab staff information.

2. Important links

Moodle
Lab Access
Health and Safety
Computing Facilities
Student Resources
Course Outlines
Engineering Student Support Services Centre

Credit points

This is a 6 unit-of-credit (UoC) course and involves 6 hours per week (h/w) of face-to-face contact.

The normal workload expectations of a student are approximately 25 hours per term for each UOC, including class contact hours, other learning activities, preparation and time spent on all assessable work.

You should aim to spend about 15 h/w on this course. The additional time should be spent in making sure that you understand the lecture material, completing the set assignments, further reading, and revising for any examinations.

Contact hours

	Day	**Time**	**Location**
Lectures	Tuesday	2pm – 4pm	Ainsworth G02
	Wednesday	9am – 10am	Ainsworth 202
Demonstrations	Wednesday	10am – 12pm	Ainsworth 202
	Wednesday	10am – 12pm	Ainsworth G02
Lab	Tuesday	4pm – 6pm	UTL (weeks 2, 5, 8, 9 only)

Please refer to your class timetable for the learning activities you are enrolled in and attend only those classes.

Summary and Aims of the course

This course will focus on the fundamental principles and application of aerodynamics – the science and engineering of flight. The course aims to (1) provide the understanding you need to communicate with other aerospace engineers regarding aerodynamic matters, (2) analyse the aerodynamic performance of aerospace vehicles and (3) provide the basis for further advanced study of aerodynamics in your career. If I can give you an appreciation of the excitement and beauty of aerodynamics, then I will regard this course as a success.

Student learning outcomes

This course is designed to address the learning outcomes below and the corresponding Engineers Australia Stage 1 Competency Standards for Professional Engineers as shown. The full list of Stage 1 Competency Standards may be found in Appendix A.

After successfully completing this course, you should be able to:

Learning Outcome		EA Stage 1 Competencies
1.	Use the basic principles of fluid motion to describe aerodynamic phenomenon	PE 1.1, 1.2, 3.4
2.	Analyse and predict the low speed aerodynamic	

WK	Topic	L

procedures can include a reduction in marks, failing a course or for the most serious matters (like plagiarism in an honours thesis) even suspension from the university. The Student Misconduct Procedures are available here:
www.gs.unsw.edu.au/policy/documents/studentmisconductprocedures.pdf

10. Administrative matters and links

All students are expected to read and be familiar with UNSW guidelines and polices. In particular, students should be familiar with the following:

- Attendance
- UNSW Email Address
- Special Consideration
- Exams
- Approved Calculators
- Academic Honesty and Plagiarism
- Equitable Learning Services

Competencies

Stage 1 Competencies for Professional Engineers

	Program Intended Learning Outcomes