UNSW Course Outline

ZEIT2502 Fundamentals of Flight - 2024

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General Course Information

Course Code : ZEIT2502
Year : 2024
Term : Semester 2
Teaching Period : Z2
Is a multi-term course? : No
Faculty : UNSW Canberra
Academic Unit : School of Engineering and Technology
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : UNSW Canberra at ADFA
Campus : UNSW Canberra
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

This course introduces the fundamentals of aerodynamics, aircraft performance and stability. Students will be introduced to basic aeronautical concepts such as parts of the aircraft, properties of the atmosphere, altimetry and airspeed, lift and drag. Starting from the equations of

continuity, momentum and energy, fluid flow equations for subsonic and supersonic flow will be derived and applied to aviation problems. Basic aerodynamic topics such as boundary layers, laminar and turbulent flow will be explained. Dynamic similitude and modelling of aircraft will be developed including flow in subsonic and supersonic wind tunnels. This course will explore aircraft performance in various equilibrium flight conditions such as level flight, climbing, turning and gliding. The concepts of aircraft stability will be introduced including derivation of the contribution of various aircraft components to overall stability.

Course Aims

Not specified

Relationship to Other Courses

Prerequisite Courses: ZPEM1302 or ZPEM1304.

This course serves as a prerequisite for ZEIT3505 (*Flight Dynamics and Aircraft Control*), and ZEIT4508 (*Aircraft and Systems Design 1*).

Course Learning Outcomes

Course Learning Outcomes	Engineers Australia - Professional Engineer (Stage 1)
CLO1 : Calculate flow conditions and forces acting on an aircraft using the fundamental equations of continuity, momentum and energy in both subsonic an supersonic flight;	• PEE1.1 : Comprehensive, theory based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline • PEE1.2 : Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline • PEE1.3 : In-depth understanding of specialist bodies of knowledge within the engineering discipline • PEE2.1 : Application of established engineering methods to complex engineering problem solving • PEE2.2 : Fluent application of engineering techniques, tools and resources
CLO2 : Estimate lift and drag considering the effects of drag divergence, wave drag, wing planform, aspect ratio and lift augmentation	• PEE1.1 : Comprehensive, theory based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline • PEE1.2 : Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline • PEE1.3 : In-depth understanding of specialist bodies of knowledge within the engineering discipline • PEE2.1 : Application of established engineering methods to complex engineering problem solving • PEE2.2 : Fluent application of engineering techniques, tools and resources
CLO3 : Apply the concept of dynamic similitude to ensure flight test data and experimental data are correctly matched;	• PEE1.1 : Comprehensive, theory based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline • PEE1.2 : Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline • PEE1.3 : In-depth understanding of specialist bodies of knowledge within the engineering discipline • PEE2.1 : Application of established engineering methods to complex engineering

	problem solving • PEE2.2 : Fluent application of engineering techniques, tools and resources • PEE3.2 : Effective oral and written communication in professional and lay domains
CLO4 : Predict aircraft performance during level flight, manoeuvring and climbing flight, take-off and landing. including best range, endurance; and	• PEE1.1 : Comprehensive, theory based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline • PEE1.2 : Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline • PEE1.3 : In-depth understanding of specialist bodies of knowledge within the engineering discipline • PEE2.1 : Application of established engineering methods to complex engineering problem solving • PEE2.2 : Fluent application of engineering techniques, tools and resources
CLO5 : Describe the effect of key aircraft design factors on aircraft stability and the impact of stability on flying qualities.	• PEE1.1 : Comprehensive, theory based understanding of the underpinning natural and physical sciences and the engineering fundamentals applicable to the engineering discipline • PEE1.2 : Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline • PEE1.3 : In-depth understanding of specialist bodies of knowledge within the engineering discipline • PEE2.1 : Application of established engineering methods to complex engineering problem solving • PEE2.2 : Fluent application of engineering techniques, tools and resources

Course Learning Outcomes	Assessment Item
CLO1 : Calculate flow conditions and forces acting on an aircraft using the fundamental equations of continuity, momentum and energy in both subsonic an supersonic flight;	• Final Exam • Class Tests • Wind Tunnel
CLO2 : Estimate lift and drag considering the effects of drag divergence, wave drag, wing planform, aspect ratio and lift augmentation	• Simulation 1 & 2 • Final Exam • Class Tests • Wind Tunnel
CLO3 : Apply the concept of dynamic similitude to ensure flight test data and experimental data are correctly matched;	• Final Exam • Class Tests • Wind Tunnel
CLO4 : Predict aircraft performance during level flight, manoeuvring and climbing flight, take-off and landing. including best range, endurance; and	• Simulation 1 & 2 • Final Exam • Class Tests
CLO5 : Describe the effect of key aircraft design factors on aircraft stability and the impact of stability on flying qualities.	• Simulation 1 & 2 • Final Exam • Class Tests

Learning and Teaching Technologies

Moodle - Learning Management System | Echo 360

Learning and Teaching in this course

Teaching Strategies

Lectures. The aim of lectures is to develop theoretical knowledge and demonstrate the broad usage in aviation and aeronautical engineering. Four lecture hours per week are programmed in two-hour blocks.

Tutorials. Problem solving skills will be developed through weekly guided tutorial sessions. Each week the teaching team will assign a few problems from the textbook. During tutorial sessions, the tutor will solve a subset of those problems on the whiteboard with the students to reinforce concepts learnt in the lectures. During the tutorials, students can seek help on these problems and concepts learnt in the lectures as required. All students will need to attend one of the tutorial sessions per week where they will apply the theory of the previous week's lectures for solving problems and consult with the tutor as required.

Laboratory Exercise. The laboratories help students understand basic concepts of aerodynamics, aircraft performance and stability, while giving students an opportunity to practice a creative, innovative and pro-active approach, effective teamwork and leadership. Attendance at

laboratories is mandatory. Experiments are conducted an aircraft flight simulator and wind-tunnel where you will operate the controls, understand displayed flight information, and collect data manually.

Class Test and Final Exam. A class test will help diagnose difficulties before the final examination. The final examination will be 2-hour allowing only a non-programmable scientific calculator and formulae sheet supplied from the textbook chapter summaries.

Developing Graduate Capabilities

Successful completion of this course contributes to the acquisition of UNSW graduate capabilities. UNSW aspires to develop globally focused graduates who are **rigorous scholars**, capable of **leadership** and **professional practice** in an **international** community. Students will develop the following program learning outcomes through this course. These outcomes are based on the Engineers Australia Stage 1 Competencies for Professional Engineering Technologists, apply just as equally to Science and Arts students, and will be assessed within all the assessment tasks:

1.2. Conceptual understanding of the mathematics, numerical analysis, statistics, and computer and information sciences which underpin the engineering discipline.

1.5. Knowledge of engineering design practice and contextual factors impacting the engineering discipline.

2.2. Fluent application of engineering techniques, tools and resources.

3.3. Creative, innovative and pro-active demeanour.

3.6. Effective team membership and team leadership

The Learning Management System

Moodle is the Learning Management System used at UNSW Canberra. All courses have a Moodle site which will become available to students at least one week before the start of semester. Please find all help and documentation (including Blackboard Collaborate) at the Moodle Support page.

UNSW Moodle supports the following web browsers:

» Google Chrome 50+
» Safari 10+
** Internet Explorer is not recommended

** Addons and Toolbars can affect any browser's performance.

Operating systems recommended are:

Windows 7, 10, Mac OSX Sierra, iPad IOS10

For further details about system requirements click here.

Log in to Moodle here.

If you need further assistance with Moodle:

For enrolment and login issues please contact:
IT Service Centre
Email: itservicecentre@unsw.edu.au
Phone: (02) 9385-1333
International: +61 2 9385 1333

For all other Moodle issues please contact:
External TELT Support
Email: externalteltsupport@unsw.edu.au
Phone: (02) 9385-3331
International: +61 2 938 53331

Opening hours:
Monday – Friday 7:30am – 9:30 pm
Saturday & Sunday 8:30 am – 4:30pm

Additional Course Information

Assumed Knowledge

Each course that you take builds on knowledge and skills that you have developed in your previous studies. Students with insufficient competence in prerequisite material are at risk of falling behind in this course and early remedial action is recommended.

Students should be able to perform basic calculus, including differentiation and integration, apply trigonometric principles, and understand scalars and vectors. To help individual students determine if they have assimilated sufficient knowledge from previous courses, a diagnostic test is to be conducted in the first week as a quiz on Moodle. The quiz results will be released immediately, and those students who have not demonstrated competency will be advised to seek remedial support. To facilitate this process the School will provide extra tutorial support for students seeking help with prerequisite material, for selected courses as resources and demand allow.

Academic Integrity and Plagiarism

UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW staff and students have a responsibility to adhere to this principle of academic integrity. All students are expected to adhere to UNSW's Student Code of Conduct https://www.gs.unsw.edu.au/policy/documents/studentcodepolicy.pdf

Plagiarism undermines academic integrity and is not tolerated at UNSW. *It is defined as using the words or ideas of others and passing them off as your own, and* can take many forms, from deliberate cheating to accidental copying from a source without acknowledgement.

For more information, please refer to the following:

https://student.unsw.edu.au/plagiarism

Referencing

In this course, students are required to reference following the APA 7 / Chicago NB referencing style. Information about referencing styles is available at: https://guides.lib.unsw.adfa.edu.au/c.php?g=472948&p=3246720

Study at UNSW Canberra

https://www.unsw.adfa.edu.au/study

Study at UNSW Canberra has lots of useful information regarding:

- Where to get help
- Administrative matters
- Getting your passwords set up
- How to log on to Moodle

- Accessing the Library and other areas.

Additional Information as required

CRICOS Provider no. 00098G
The University of New South Wales Canberra.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Simulation 1 & 2 Assessment Format: Individual	20%	Due Date: one teaching week after the lab
Final Exam Assessment Format: Individual	35%	
Class Tests Assessment Format: Individual	30%	Start Date: Not Applicable Due Date: Week 4: 05 August - 09 August, Week 11: 07 October - 11 October
Wind Tunnel Assessment Format: Individual	15%	

Assessment Details

Simulation 1 & 2

Assessment Overview

Students will be assessed on two simulators (weights 10% each). They will be due one teaching week after the lab.

Course Learning Outcomes

- CLO2 : Estimate lift and drag considering the effects of drag divergence, wave drag, wing planform, aspect ratio and lift augmentation
- CLO4 : Predict aircraft performance during level flight, manoeuvring and climbing flight, take-off and landing. including best range, endurance; and
- CLO5 : Describe the effect of key aircraft design factors on aircraft stability and the impact of stability on flying qualities.

Detailed Assessment Description

Note that the individual mark in laboratories and aircraft project is based on participation in the small groups learning to ensure that PLOs 3.3 and 3.6 are actively examined. The marking guide for participation is:

- 5/5 - A highly effective team member and outstanding leader in the group with a highly

innovative & pro-active laboratory demeanour
- 4/5 - A very effective team member and good leader in the group with an innovative & active laboratory demeanour
- 3/5 - An effective team member with occasional leadership in the group, with some innovative and active approaches
- 2/5 - Occasionally ineffective team member taking little leadership in the group. Was not innovative or active on tasks
- 1/5 - Hampered the laboratory progress and off-task most of the time.

Laboratory reports are due one week after each laboratory is held (with allowance for term breaks and military training days). Individual participation scores will be given as each group submits their report.

Final Exam

Assessment Overview

3 hour exam

Course Learning Outcomes

- CLO1 : Calculate flow conditions and forces acting on an aircraft using the fundamental equations of continuity, momentum and energy in both subsonic an supersonic flight;
- CLO2 : Estimate lift and drag considering the effects of drag divergence, wave drag, wing planform, aspect ratio and lift augmentation
- CLO3 : Apply the concept of dynamic similitude to ensure flight test data and experimental data are correctly matched;
- CLO4 : Predict aircraft performance during level flight, manoeuvring and climbing flight, take-off and landing. including best range, endurance; and
- CLO5 : Describe the effect of key aircraft design factors on aircraft stability and the impact of stability on flying qualities.

Class Tests

Assessment Overview

Two in-class tests weighted 15% each in weeks 4 and 11.

Course Learning Outcomes

- CLO1 : Calculate flow conditions and forces acting on an aircraft using the fundamental equations of continuity, momentum and energy in both subsonic an supersonic flight;
- CLO2 : Estimate lift and drag considering the effects of drag divergence, wave drag, wing planform, aspect ratio and lift augmentation
- CLO3 : Apply the concept of dynamic similitude to ensure flight test data and experimental data are correctly matched;
- CLO4 : Predict aircraft performance during level flight, manoeuvring and climbing flight, take-off and landing. including best range, endurance; and

- CLO5 : Describe the effect of key aircraft design factors on aircraft stability and the impact of stability on flying qualities.

Assessment information

- **Class Test 1: Week 04 Wed (07 Aug) 1000-1200 hrs (15%)**
- **Class Test 2: Week 11 Wed (09 Aug) 1000-1200 hrs (15%)**

Wind Tunnel

Assessment Overview

Lab assessment regarding the wind tunnel. Due one teaching week after the lab.

Course Learning Outcomes

- CLO1 : Calculate flow conditions and forces acting on an aircraft using the fundamental equations of continuity, momentum and energy in both subsonic an supersonic flight;
- CLO2 : Estimate lift and drag considering the effects of drag divergence, wave drag, wing planform, aspect ratio and lift augmentation
- CLO3 : Apply the concept of dynamic similitude to ensure flight test data and experimental data are correctly matched;

Detailed Assessment Description

Note that the individual mark in laboratories and aircraft project is based on participation in the small groups learning to ensure that PLOs 3.3 and 3.6 are actively examined. The marking guide for participation is:

- 5/5 - A highly effective team member and outstanding leader in the group with a highly innovative & pro-active laboratory demeanour
- 4/5 - A very effective team member and good leader in the group with an innovative & active laboratory demeanour
- 3/5 - An effective team member with occasional leadership in the group, with some innovative and active approaches
- 2/5 - Occasionally ineffective team member taking little leadership in the group. Was not innovative or active on tasks
- 1/5 - Hampered the laboratory progress and off-task most of the time.

Laboratory reports are due one week after each laboratory is held (with allowance for term breaks and military training days). Individual participation scores will be given as each group submits their report.

General Assessment Information

All marks obtained for assessment items during the session are provisional. The final mark as published by the university following the assessment review group meeting is **the only official mark. Feedback will be provided in the form of a combination of written and oral comments for**

each assessment item.

Unless modified due to COVID, the class tests and final exam will be fac-to-face closed book format that will run during the designated lecture time.

The laboratory sessions are also face-to-face while submission of report will be done through Moodle.

Late Submission of Assessment

Unless prior arrangement is made with the lecturer or a formal application for special consideration is submitted, a penalty of 5% of the total available mark for the assessment will apply for each day that an assessment item is late up to a maximum of 5 days (120 hours) after which an assessment can no longer be submitted and a grade of 0 will be applied.

The first assessment and feedback

Class Test 1 will be held in Week 4, feedback, grades and worked solutions will be given to students before the census date (11 August).

Use of Generative AI in Assessments

NO ASSISTANCE

It is prohibited to use any software or service to search for or generate information or answers. If its use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

Grading Basis

Standard

Requirements to pass course

To pass this course, you must attain a minimum overall score of 50%.

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 15 July - 19 July	Lecture	Wed and Fri (17 & 19 Jul): Introduction; Anatomy Airplane; Gas properties Lecturer(s): JZ / SR
Week 2 : 22 July - 26 July	Lecture	Wed and Fri (24 & 26 Jul) : Gas properties & ISA; Basic Equations Lecturer: JY
	Tutorial	Thu 1000-1200 hours: Tutorial 1 Fri 1600-1800 hours:Tutorial 1 Repeat
Week 3 : 29 July - 2 August	Lecture	Wed and Fri (31 Jul & 02 Aug): Measuring airspeed; Airfoils & wings Lecturer: JZ
	Tutorial	Thu 1000-1200 hours: Tutorial 2 Fri 1600-1800 hours:Tutorial 2 Repeat
Week 4 : 5 August - 9 August	Assessment	Wed (07 Aug): Class Test 1
	Lecture	Fri (09 Aug): Finite wings & drag Lecturer: JZ
	Tutorial	Thu 1000-1200 hours: Tutorial 3 Fri 1600-1800 hours:Tutorial 3 Repeat
	Laboratory	Simulation Lab 1 (Aviation Studio, G20, Building 17) Session 1 Mon 1400-1600: GP01 - GP05 Session 2 Mon 1600-1800: GP06 - GP10 Session 3 Tue 1400-1600: GP11 - GP15 Session 4 Tue 1600-1800: GP16 - GP20
Week 5 : 12 August - 16 August	Lecture	Tue (13 Aug, compensation day for Friday timetable): Manoeuvring; Gliding Wed (14 Aug): Manoeuvring; Gliding Lecturer: SR
	Tutorial	Tue 1600-1800 hours (compensation day for Friday timetable): Tutorial 4 Thu 1000-1200 hours: Tutorial 4
	Laboratory	Simulation Lab 1 (Aviation Studio, G20, Building 17) Session 1 Mon 1400-1600: GP21 - GP25 Session 2 Mon 1600-1800: GP26 - GP28
Week 6 : 19 August - 23 August	Lecture	Wed and Fri (21 & 23 Aug): Powerplants; Climbing Lecturer: SR
	Tutorial	Thu 1000-1200 hours: Tutorial 5 Fri 1600-1800 hours:Tutorial 5 Repeat
	Laboratory	Simulation Lab 1 (Aviation Studio, G20, Building 17) Session 1 Mon 1400-1600: GP21 - GP28 Wind Tunnel Lab Session 1 Mon 1400-1600: GP01 - GP03 Session 2 Mon 1600-1800: GP04 - GP06 Session 3 Tue 1400-1600: GP07 - GP09 Session 4 Tue 1600-1800: GP10 - GP12 Session 5 Thu 1600-1800: GP13 - GP15
Week 7 : 9 September - 13 September	Lecture	Wed and Fri (11 & 13 Sep): Range & Endurance; Static longitudinal stability Lecturer: SR
	Tutorial	Thu 1000-1200 hours: Tutorial 6 Fri 1600-1800 hours:Tutorial 6 Repeat
	Laboratory	Wind Tunnel Lab Session 1 Mon 1400-1600: GP16 - GP18 Session 2 Mon 1600-1800: GP19 - GP21 Session 3 Tue 1400-1600: GP22 - GP24 Session 4 Tue 1600-1800: GP25 - GP27 Session 5 Thu 1600-1800: GP28
Week 8 : 16 September - 20 September	Lecture	Fri (20 Sep): Longitudinal stability and control Lecturer: SR
	Tutorial	Thu 1000-1200 hours: Tutorial 7 Fri 1600-1800 hours:Tutorial 7 Repeat

Week 9 : 23 September - 27 September	Lecture	Wed and Fri (25 & 27 Sep): Directional stability; Lateral stability & control Lecturer: JZ
	Tutorial	Thu 1000-1200 hours: Tutorial 8 Fri 1600-1800 hours:Tutorial 8 Repeat
	Laboratory	Simulation Lab 2 (Aviation Studio, G20, Building 17) Session 1 Mon 1400-1600: GP01 - GP05 Session 2 Mon 1600-1800: GP06 - GP10 Session 3 Tue 1400-1600: GP11 - GP15 Session 4 Tue 1600-1800: GP16 - GP20
Week 10 : 30 September - 4 October	Lecture	Wed and Fri (02 & 04 Oct): Boundary layers & viscous flows Lecturer: JZ
	Tutorial	Thu 1000-1200 hours: Tutorial 9 Fri 1600-1800 hours:Tutorial 9 Repeat
	Laboratory	Simulation Lab 2 (Aviation Studio, G20, Building 17) Session 1 Mon 1400-1600: GP21 - GP25 Session 2 Mon 1600-1800: GP26 - GP28
Week 11 : 7 October - 11 October	Assessment	Wed (09 Oct): Class Test 2
Week 12 : 14 October - 18 October	Lecture	Wed and Fri (16 & 18 Oct): Speed of Sound; Energy Equation; Compressible Airspeed, airfoil CofP & compressibility; Supersonic wave drag & sweep; Lecturer: JZ
	Tutorial	Thu 1000-1200 hours: Tutorial 10 Fri 1600-1800 hours:Tutorial 10 Repeat
Week 13 : 21 October - 25 October	Lecture	Wed and Fri (23 & 25 Oct): Course review Lectuer(s): JZ / SR
	Tutorial	Thu 1000-1200 hours: Tutorial 11 Fri 1600-1800 hours:Tutorial 11 Repeat

Attendance Requirements

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

General Schedule Information

Lectures are on **Wednesdays at 1000-1200 hours in Lecture Theatre North 10** and on **Fridays at 1200-1400 hours in Lecture Theatre North 9**.

Tutorials will be held on Thursdays at 1000-1200 hrs (except Week 1 and Week 11) in Room 152, Building 15 (Session 1) and Fridays at 1600-1800 hrs (except Weeks 1 and 11) in Room 152, Building 15 (Repeat Session). **Attending one of the tutorials sessions every week is mandatory**.

Laboratories will be held on Mondays, Tuesdays and Thursdays across Weeks 4-10 in the Aviation Studio (G20, Building 17) or in the low-speed Wind Tunnel Laboratory (Building 18, in Weeks 6 & 7). In the laboratory weeks, each week may comprises five sessions as follows.

- **Session 1 (S1) Mondays 1400-1600**
- **Session 2 (S2) Mondays 1600-1800**
- **Session 3 (S3) Tuesdays 1400-1600**

- **Session 4 (S4) Tuesdays 1600-1800**
- **Session 5 (S5) Thursdays 1600-1800**

Students will need to form small groups of three for the laboratory activities in the course. Each laboratory session will be small group learning activity that will run concurrently. Groups will be allocated on Moodle prior to the semester. There is no margin for changing groups or missing laboratories.

Other Information

All students are required to wear appropriate footwear while in laboratories. This means covered shoes in all laboratories. Students who do not have appropriate footwear will be asked to leave the laboratory space.

Course Resources

Prescribed Resources

Prescribed textbook: Anderson, J. D. Jr. & Bowden M. L. "*Introduction to Flight*", 9th edition, McGraw-Hill. The course will follow the text very closely and it is the only material allowed in class tests.

Examples and assessment questions are frequently drawn from, or based on, the text. Students will also need the solutions to the text, copies of which have been requested at the COOP and can be purchased on-line at:

https://testbanklive.com/download/introduction-to-flight-8th-edition-anderson-solutions-manual/

Other texts, papers, and websites will be mentioned during the course. The lecturer will be free to use the most appropriate material for the subject at hand. The students will ultimately be responsible for the material presented in class, through Moodle, and required reading.

Additional Costs

Not applicable.

Course Evaluation and Development

One of the key priorities in the 2025 Strategy for UNSW is a drive for academic excellence in education. One of the ways of determining how well UNSW is progressing towards this goal is by listening to our own students. Students will be asked to complete the myExperience survey

towards the end of this course.

Students can also provide feedback during the semester via: direct contact with the lecturer, the “On-going Student Feedback” link in Moodle, Student-Staff Liaison Committee meetings in schools, informal feedback conducted by staff, and focus groups. Student opinions really do make a difference. Refer to the Moodle site for this course to see how the feedback from previous students has contributed to the course development.

Important note: Students are reminded that any feedback provided should be constructive and professional and that they are bound by the Student Code of Conduct Policy

https://www.unsw.edu.au/planning-assurance/conduct-integrity/conduct-unsw/student-conduct-integrity/student-code-conduct

Your feedback matters!

We've used your feedback to make some improvements.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Jisheng Zhao		Room 365, Building 21	+61 2 5114 5307	I am usually available for consultation during normal working hours. Please email me to make an appointment.	No	Yes
Lecturer	Sridhar Ravi		Room 211, Building 17		I am usually available for consultation during normal working hours. Please email me to make an appointment.	No	No
Demonstrator	Pete Norford				I am usually available for consultation during normal working hours. Please email me to make an appointment.	No	No
Tutor	Luke Pollock				I am usually available for consultation during normal working hours. Please email me to make an appointment.	No	No
	Samuel Cousens					No	No