UNSW Course Outline

AERO4110 Aerospace Design 2 - 2024

Published on the 03 Sep 2024

General Course Information

Course Code : AERO4110
Year : 2024
Term : Term 3
Teaching Period : T3
Is a multi-term course? : No
Faculty : Faculty of Engineering
Academic Unit : School of Mechanical and Manufacturing Engineering
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : Kensington
Campus : Sydney
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

This course is a capstone aerospace design project. In design teams, students develop a preliminary design of an aircraft to meet a given request for proposal. The course aims to give a holistic approach to the aerospace design process. Students are required to consider the

requirements of several disciplines including conceptual design, configuration, weights, sizing, payload, aerodynamics, propulsion, structures, systems, stability and control, performance, and cost. The course will give students the opportunity to integrate these elements into a single congruous design of an aircraft. Teamwork, report writing, and presentation skills are a focus to develop important professional skills for industry.

Students are expected to have a sound understanding of aerospace regulations, aerodynamics, flight performance, propulsion, structural design and analysis, materials, computer aided design, flight dynamics, and aerospace systems prior to attempting this course.

Course Aims

This course is a capstone aerospace design project to enable students to demonstrate their learning from across their aerospace program. The course aims to give a holistic approach to the aerospace design process. Student teams aim to produce a congruous preliminary aircraft design to meet request for proposal and regulatory requirements. This involves considering the requirements of several aerospace disciplines including conceptual design, configuration, weights, sizing, payload, aerodynamics, propulsion, structures, systems, stability and control, performance, and cost. The course aims to have each student cooperatively contributing to an engineering team, and professionally communicating their technical work.

Relationship to Other Courses

Prerequisites

- AERO3110 Aerospace Design 1
- AERO3410 Aerospace Structures
- AERO3630 Aerodynamics
- AERO3660 Flight Performance and Propulsion
- MMAN3200 Linear Systems and Control
- At least 144 Units completed in AEROAH stream

Assumed Knowledge

Students are expected to have a sound understanding of aerospace regulations, aerodynamics, flight performance, propulsion, structural design and analysis, materials, computer aided design, flight dynamics, and aerospace systems prior to attempting this course.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Produce a preliminary aircraft design to meet request for proposal and regulatory requirements.
CLO2 : Apply aerospace cross-disciplinary principles appropriately for a congruous design.
CLO3 : Demonstrate professional conduct, cooperatively manage and effectively contribute to an engineering team.
CLO4 : Professionally communicate design concepts and information.

Course Learning Outcomes	Assessment Item
CLO1 : Produce a preliminary aircraft design to meet request for proposal and regulatory requirements.	• Progress Design Reports (2) • Final Design Report
CLO2 : Apply aerospace cross-disciplinary principles appropriately for a congruous design.	• Progress Design Reports (2) • Final Design Report
CLO3 : Demonstrate professional conduct, cooperatively manage and effectively contribute to an engineering team.	• Presentation • Progress Design Reports (2) • Final Design Report
CLO4 : Professionally communicate design concepts and information.	• Presentation • Progress Design Reports (2) • Final Design Report

Learning and Teaching Technologies

Moodle - Learning Management System | Microsoft Teams | Microsoft Stream

Other Professional Outcomes

Engineers Australia Stage 1 Competencies

The Course Learning Outcomes map to the following Engineers Australia Stage 1 Competencies.

Knowledge and skill base

PE1.3 In-depth understanding of specialist bodies of knowledge within the engineering discipline

PE1.4 Discernment of knowledge development and research directions within the engineering discipline

PE1.5 Knowledge of engineering design practice and contextual factors impacting the engineering discipline

PE1.6 Understanding of the scope, principles, norms, accountabilities and bounds of sustainable engineering practice in the specific discipline

Engineering application ability
PE2.1 Application of established engineering methods to complex engineering problem solving
PE2.3 Application of systematic engineering synthesis and design processes
PE2.4 Application of systematic approaches to the conduct and management of engineering projects

Professional and personal attributes
PE3.2 Effective oral and written communication in professional and lay domains
PE3.3 Creative, innovative and pro-active demeanour
PE3.4 Professional use and management of information
PE3.5 Orderly management of self, and professional conduct
PE3.6 Effective team membership and team leadership

Additional Course Information

Platforms and Communication

Aerospace Design 2 will use a combination of Microsoft Teams and Moodle. The primary communication channel will be Microsoft Teams. Please ensure you check Teams regularly for any important announcements. Questions are best addressed in class or via Teams. We will do our best to respond to all queries within two business days.

Class Times

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

Lectures - Around 2 hours / week - Online Videos (Weeks 1-9)

Studio Classes (Workshops) - Tuesday 3-5pm (Weeks 1-10) & Friday 12-1pm (Weeks 1-9)

Presentations - Friday 10am-6pm (Week 10)

Field Trip - Wednesday & Thursday Week 6

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Progress Design Reports (2) Assessment Format: Group	30%	Due Date: Progress Report 1 - Monday Week 4 11:50pm; Progress Report 2 - Monday Week 8 11:50pm
Presentation Assessment Format: Group	20%	Due Date: 15/11/2024 09:00 AM
Final Design Report Assessment Format: Group	50%	Due Date: 25/11/2024 04:00 PM

Assessment Details

Progress Design Reports (2)

Assessment Overview

Two progress reports regarding aerospace design project. 30 pages maximum (per Progress Report). Maximum pages excludes front matter, references and appendices.

Marking:

1. The team assessments will be marked according to the Progress Report 1 and Progress Report 2 Rubrics. Written feedback is provided online and can be discussed in class.

2. The team assessment mark will be moderated by marker assessment of individual contributions, peer evaluation, and academic review to give an individual mark for the assessment.

3. For each assessment, an individual statement of claim of contributions must be submitted electronically by the assessment due date. Failure to submit an individual statement of claim for the assessment will result in an individual penalty of 10% of the maximum mark possible for the assessment (the penalty is applied to the individual mark).

4. For each assessment, a peer evaluation must be completed electronically. Peer evaluations must be completed within one week following the assessment due date. Failure to complete the peer evaluation by the required deadline for the assessment will result in an individual penalty of 10% of the maximum mark possible for the assessment (the penalty is applied to the individual mark).

Course Learning Outcomes

- CLO1 : Produce a preliminary aircraft design to meet request for proposal and regulatory requirements.
- CLO2 : Apply aerospace cross-disciplinary principles appropriately for a congruous design.
- CLO3 : Demonstrate professional conduct, cooperatively manage and effectively contribute to an engineering team.
- CLO4 : Professionally communicate design concepts and information.

Detailed Assessment Description

Two progress reports regarding the aerospace design project - Teamwork.

Progress Report 1 (15%) - Due 11:50pm Monday Week 4

Progress Report 2 (15%) - Due 11:50pm Monday Week 8

Marks returned: Two weeks after submission.

Deadline for absolute fail: Five (5) days after relevant due date.

Assessment Length

30 pages maximum (per Progress Report)

Submission notes

Submission via Moodle.

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.
For more information on Generative AI and permitted use please see here.

For this assessment task, you may use standard word processing and referencing software in preparing your assessments, but not generative AI. You are permitted to use standard editing and referencing functions in word processing software, this is limited to basic spelling and grammar checking, formatting of mathematical equations, and reference citation generation (for

example Zotero, Mendeley and EndNote).

Presentation

Assessment Overview

Team presentation to peers and industry representatives of preliminary aircraft design. Presentation includes a team oral presentation to industry, including slides, approximately 20-30 minutes long (see assessment document to confirm length), a brochure (maximum 2 A4 pages), and a scale model of your final design.

Marking:

1. The team assessment will be marked according to the Presentation Rubric. Feedback is verbal questions and comments received in class from the audience.

2. The team assessment mark will be moderated by marker assessment of individual contributions, peer evaluation, and academic review to give an individual mark for the assessment.

3. For each assessment, an individual statement of claim of contributions must be submitted electronically by the assessment due date. Failure to submit an individual statement of claim for the assessment will result in an individual penalty of 10% of the maximum mark possible for the assessment (the penalty is applied to the individual mark).

4. For each assessment, a peer evaluation must be completed electronically. Peer evaluations must be completed within one week following the assessment due date. Failure to complete the peer evaluation by the required deadline for the assessment will result in an individual penalty of 10% of the maximum mark possible for the assessment (the penalty is applied to the individual mark).

Course Learning Outcomes

- CLO3 : Demonstrate professional conduct, cooperatively manage and effectively contribute to an engineering team.
- CLO4 : Professionally communicate design concepts and information.

Detailed Assessment Description

Presentations will commence at 10am on Friday of Week 10. Presentation slides, and a soft copy of your brochure, must be submitted electronically via Moodle by 9am Friday Week 10 (15th November). Multiple hard copies of your brochure should be brought to your presentations (from

10am Friday Week 10) to physically provide to course staff and industry guests.

Each team is required to produce a scale model of their final aircraft, which must be physically presented at the Presentations (10am Friday Week 10). Students are encouraged to use the UNSW MakerSpaces to manufacture their models.

If you would like to use the UNSW MakerSpaces to construct your aircraft model, be sure to complete the following MakerSpace training early in Term:

- Makerspace Safety Induction Badge
- MakerSpace 3D Printing Module: https://www.making.unsw.edu.au/learn/3d-printing-with-fdm-and-thermoplastics/

There will be a session on 3D Printing booked with MakerSpace staff during Term for additional information which the team member(s) making your model will need to attend (Friday, Week 7, 1:30-3:30pm).

Marks returned: Release of final results. (Feedback is verbal questions and comments received in class from the audience on Presentation day.)

Deadline for absolute fail: N/A

Assessment Length

Presentation 27 mins (including questions), Brochure and Model

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.
For more information on Generative AI and permitted use please see here.

For this assessment task, you may use standard word processing and referencing software in preparing your assessments, and PowerPoint and Canva templates, but not generative AI. You are permitted to use standard editing and referencing functions in word processing software, this

is limited to basic spelling and grammar checking, formatting of mathematical equations, and reference citation generation (for example Zotero, Mendeley and EndNote).

Final Design Report

Assessment Overview

Final report on aerospace design project.

100 pages maximum. Maximum pages excludes front matter, references and appendices.

Marking:

1. The team assessment will be marked according to the Final Design Report Rubric.

2. The team assessment mark will be moderated by marker assessment of individual contributions, peer evaluation, and academic review to give an individual mark for the assessment.

3. For each assessment, an individual statement of claim of contributions must be submitted electronically by the assessment due date. Failure to submit an individual statement of claim for the assessment will result in an individual penalty of 10% of the maximum mark possible for the assessment (the penalty is applied to the individual mark).

4. For each assessment, a peer evaluation must be completed electronically. Peer evaluations for the Final Design Report must be completed by the advised deadline. Failure to complete the peer evaluation by the required deadline for the assessment will result in an individual penalty of 10% of the maximum mark possible for the assessment (the penalty is applied to the individual mark).

Course Learning Outcomes

- CLO1 : Produce a preliminary aircraft design to meet request for proposal and regulatory requirements.
- CLO2 : Apply aerospace cross-disciplinary principles appropriately for a congruous design.
- CLO3 : Demonstrate professional conduct, cooperatively manage and effectively contribute to an engineering team.
- CLO4 : Professionally communicate design concepts and information.

Detailed Assessment Description

Peer evaluations for the Final Design Report must be completed by 4:00pm Monday December 2nd.

Marks returned: Release of final results.

Deadline for absolute fail: Five (5) days after relevant due date.

Assessment Length

100 pages maximum

Submission notes

Submission via Moodle.

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.
For more information on Generative AI and permitted use please see here.

For this assessment task, you may use standard word processing and referencing software in preparing your assessments, but not generative AI. You are permitted to use standard editing and referencing functions in word processing software, this is limited to basic spelling and grammar checking, formatting of mathematical equations, and reference citation generation (for example Zotero, Mendeley and EndNote).

General Assessment Information

All assessments are team assessments. Each team will have 7-8 members.

Weekly design meetings must be documented with minutes. Minutes should be uploaded in a timely manner to a folder located in the Files tab of the Meetings channel in your designated Microsoft Teams team.

Re-weighting is not an option for the school.

No Generative AI Assistance

Assessments in this course are designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.

For assessments in this course, you may use standard word processing and referencing software in preparing your assessments, but not generative AI. You are permitted to use standard editing and referencing functions in word processing software, this is limited to basic spelling and grammar checking, formatting of mathematical equations, and reference citation generation (for example Zotero, Mendeley and EndNote).

Please note that your submission will be passed through an AI-generated text detection tool. If your marker has concerns that your work contains passages of AI-generated text, you may be asked to explain your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to the School Ethics Officer or UNSW Conduct & Integrity Office for investigation of academic misconduct and possible penalties.

Grading Basis

Standard

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 9 September - 15 September	Lecture	A: Introduction and RFPs B: Design Process C: Conceptual Design and Configuration (Jane's All the World's Aircraft, Raymer Ch 2)
Week 2 : 16 September - 22 September	Lecture	A: Existing Aircraft Comparisons & Weight Sizing (Roskam Part I Ch 2, Raymer Ch 6, §19.3)
Week 3 : 23 September - 29 September	Lecture	A: T/W, W/S, Sizing (Raymer Ch 5, Ch 6, §19.4 & §19.5)
Week 4 : 30 September - 6 October	Lecture	A: Aerodynamics (Raymer Ch 4, §7.8, §7.9)
	Assessment	Progress Report 1 (Team) - Due Monday Week 4
Week 5 : 7 October - 13 October	Lecture	A: Configuration & Payload (Raymer Ch 7, Ch 8, Ch 9) B: Propulsion Integration (Raymer Ch 10)
Week 6 : 14 October - 20 October	Fieldwork	HARS Aviation Museum (Albion Park NSW)
Week 7 : 21 October - 27 October	Lecture	A: Structures (Raymer Ch 14) B: Materials (Raymer Ch 14)
Week 8 : 28 October - 3 November	Lecture	A: Weight & Balance (Raymer Ch 15) B: Stability & Control (Raymer Ch 16, Roskam Part V)
	Assessment	Progress Report 2 (Team) - Due Monday Week 8
Week 9 : 4 November - 10 November	Lecture	A: Performance (Raymer Ch 17) B: Cost Analysis (Raymer Ch 18, Roskam Part VIII)
Week 10 : 11 November - 17 November	Assessment	Presentation (Team) - Friday Week 10

Attendance Requirements

Students are expected to watch all lecture videos.

Attendance is required at all Studio Classes (Workshops). You must attend at least 80% of the Workshops in which you are enrolled for the duration of the session. If you do not meet attendance requirements you may fail the course. Your attendance will impact the assessment of your contributions to your team and the project.

You must be available for all assessments. Your Design Presentations will be held on Friday, November 15th from 10am-6pm, you must be present for the entire duration.

Course Resources

Prescribed Resources

- Daniel P. Raymer, Aircraft Design: A Conceptual Approach, Fifth Edition, AIAA Education Series, 2012

Recommended Resources

Leganto Reading List available via the course Moodle. UNSW Library website: https://www.library.unsw.edu.au/ Moodle: https://moodle.telt.unsw.edu.au/login/index.php

- Jan Roskam, Airplane Design Parts I-VIII, DARcorporation
- Jane's All the World's Aircraft (online database available via UNSW Library)
- Federal Aviation Regulations, FAR 23, Airworthiness Standards: Normal Category Airplanes
- Federal Aviation Regulations, FAR 25, Airworthiness Standards: Transport Category Airplanes
- Ian Moir and Allan Seabridge, Aircraft Systems – Mechanical, electrical, and avionics subsystems integration, Third Edition, AIAA Education Series 2008
- Ian Moir and Allan Seabridge, Design and Development of Aircraft Systems, Second Edition, AIAA Education Series 2013
- Barnes W. McCormick, Aerodynamics, Aeronautics, and Flight Mechanics, Second Edition, Wiley 1995
- John D. Anderson Jr., Introduction to Flight, Seventh Edition, McGraw Hill Higher Education 2012
- John D. Anderson Jr., Fundamentals of Aerodynamics, Sixth Edition, McGraw Hill Higher Education 2016
- M. V. Cook, Flight Dynamics Principles : A Linear Systems Approach to Aircraft Stability and Control, Third Edition, Butterworth-Heinemann 2013
- FAA-H-8083 Aviation Maintenance Technician Handbook - Airframe
- Jean-Claude Flabel, Practical Stress Analysis for Design Engineers, First Edition, Lake City Publishing Company 1997
- E. F. Bruhn, Analysis and Design of Flight Vehicle Structures, Jacobs Publishing, Inc. 1973

- Michael C. Y. Niu, Airframe Structural Design, Second Edition, Hong Kong Conmilit Press Ltd. 2006
- DOT/FAA/AR-MMPDS, Metallic Materials Properties Development and Standardization (MMPDS), (previously MIL-HDBK-5)
- CMH-17, Composite Materials Handbook, (previously MIL-HDBK-17)

Course Evaluation and Development

Feedback on the course is gathered periodically using various means, including the UNSW myExperience process, informal discussion between course staff and students, and the School's Student/Staff meetings. Your feedback is taken seriously, and continual improvements are made to the course based, in part, on such feedback.

In this course, recent improvements resulting from student feedback include:

- Various aerospace academic staff attending some Workshop classes to provide additional specialist technical support.
- Weekly demonstrator meetings to be consistent day but alternating times for each team, to enable improved use of demonstrator and meeting time.
- Final Design Report due date is in Week 12 to maximise the time available for the project, and to allow industry feedback from the Design Presentations to be incorporated.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Dr Sonya A Brown		Ainsworth 408D	Teams		No	Yes

Other Useful Information

Academic Information

I. Special consideration and supplementary assessment

If you have experienced an illness or misadventure beyond your control that will interfere with your assessment performance, you are eligible to apply for Special Consideration prior to, or within 3 working days of, submitting an assessment or sitting an exam.

Please note that UNSW has a Fit to Sit rule, which means that if you sit an exam, you are declaring yourself fit enough to do so and cannot later apply for Special Consideration.

For details of applying for Special Consideration and conditions for the award of supplementary assessment, please see the information on UNSW's Special Consideration page.

II. 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

III. Equity and diversity

Those students who have a disability that requires some adjustment in their teaching or learning environment are encouraged to discuss their study needs with the course convener prior to, or at the commencement of, their course, or with the Equity Officer (Disability) in the Equitable Learning Services. Issues to be discussed may include access to materials, signers or note-takers, the provision of services and additional exam and assessment arrangements. Early notification is essential to enable any necessary adjustments to be made.

IV. Professional Outcomes and Program Design

Students are able to review the relevant professional outcomes and program designs for their streams by going to the following link: https://www.unsw.edu.au/engineering/student-life/student-resources/program-design.

Note: This course outline sets out the description of classes at the date the Course Outline is published. The nature of classes may change during the Term after the Course Outline is published. Moodle or your primary learning management system (LMS) should be consulted for the up-to-date class descriptions. If there is any inconsistency in the description of activities between the University timetable and the Course Outline/Moodle/LMS, the description in the Course Outline/Moodle/LMS applies.

Academic Honesty and Plagarism

UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW students have a responsibility to adhere to this principle of academic integrity. Plagiarism undermines academic integrity and is not tolerated at UNSW. *Plagiarism at UNSW is defined as using the words or ideas of others and passing them off as your own.*

Plagiarism is a type of intellectual theft. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement. UNSW has produced a website with a wealth of resources to support students to understand and avoid plagiarism, visit: student.unsw.edu.au/plagiarism. The Learning Centre assists students with understanding academic integrity and how not to plagiarise. They also hold workshops and can help students one-on-one.

You are also reminded that careful time management is an important part of study and one of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting and the proper referencing of sources in preparing all assessment tasks.

Repeated plagiarism (even in first year), plagiarism after first year, or serious instances, may also be investigated under the Student Misconduct Procedures. The penalties under the procedures can include a reduction in marks, failing a course or for the most serious matters (like plagiarism in an honours thesis or contract cheating) even suspension from the university. The Student Misconduct Procedures are available here:

www.gs.unsw.edu.au/policy/documents/studentmisconductprocedures.pdf

Submission of Assessment Tasks

Work submitted late without an approved extension by the course coordinator or delegated authority is subject to a late penalty of five percent (5%) of the maximum mark possible for that assessment item, per calendar day.

The late penalty is applied per calendar day (including weekends and public holidays) that the assessment is overdue. There is no pro-rata of the late penalty for submissions made part way through a day. This is for all assessments where a penalty applies.

Work submitted after five days (120 hours) will not be accepted and a mark of zero will be

awarded for that assessment item.

For some assessment items, a late penalty may not be appropriate. These will be clearly indicated in the course outline, and such assessments will receive a mark of zero if not completed by the specified date. Examples include:

- Weekly online tests or laboratory work worth a small proportion of the subject mark;
- Exams, peer feedback and team evaluation surveys;
- Online quizzes where answers are released to students on completion;
- Professional assessment tasks, where the intention is to create an authentic assessment that has an absolute submission date; and,
- Pass/Fail assessment tasks.

Faculty-specific Information

Engineering Student Support Services – The Nucleus - enrolment, progression checks, clash requests, course issues or program-related queries

Engineering Industrial Training – Industrial training questions

UNSW Study Abroad – study abroad student enquiries (for inbound students)

UNSW Exchange – student exchange enquiries (for inbound students)

UNSW Future Students – potential student enquiries e.g. admissions, fees, programs, credit transfer

Phone

(+61 2) 9385 8500 – Nucleus Student Hub

(+61 2) 9385 7661 – Engineering Industrial Training

(+61 2) 9385 3179 – UNSW Study Abroad and UNSW Exchange (for inbound students)

School-specific Information

Short Extensions

Short extensions are not currently applicable to Mechanical and Manufacturing Engineering Courses.

Review of Results

If you believe that there has been a marking error, you can request a review of results. Review of results cannot be used to get feedback.

If you would like feedback for assessments, you are welcome to contact the course convenor directly.

Use of AI

The use of AI is prohibited unless explicitly permitted by the course convenor. Please respect this and be aware that penalties will apply when unauthorised use is detected, such as through Turnitin. If the use of generative AI, such as ChatGPT, is allowed in a specific assessment, they must be properly credited, and your submissions must be substantially your own work.

Final Exam in Exam Period

For courses with a centrally timetabled final exam, students must be available for the entire exam period from Mon-Sat until your exact exam date is confirmed.

School Contact Information

Location

UNSW Mechanical and Manufacturing Engineering

Ainsworth building J17, Level 1

Above Coffee on Campus

Hours

9:00–5:00pm, Monday–Friday*

*Closed on public holidays, School scheduled events and University Shutdown

Web

School of Mechanical and Manufacturing Engineering

Engineering Student Support Services

Engineering Industrial Training

UNSW Study Abroad and Exchange (for inbound students)

UNSW Future Students

Phone

(+61 2) 9385 8500 – Nucleus Student Hub

(+61 2) 9385 7661 – Engineering Industrial Training

(+61 2) 9385 3179 – UNSW Study Abroad and UNSW Exchange (for inbound students)

(+61 2) 9385 4097 – School Office**

**Please note that the School Office will not know when/if your course convenor is on campus or available

Email

Engineering Student Support Services – current student enquiries

- e.g. enrolment, progression, clash requests, course issues or program-related queries

Engineering Industrial Training – Industrial training questions

UNSW Study Abroad – study abroad student enquiries (for inbound students)

UNSW Exchange – student exchange enquiries (for inbound students)

UNSW Future Students – potential student enquiries

- e.g. admissions, fees, programs, credit transfer

School Office – School general office administration enquiries

- NB: the relevant teams listed above must be contacted for all student enquiries. The School will only be able to refer students on to the relevant team if contacted

Important Links

- Student Wellbeing
- Urgent Mental Health & Support
- Equitable Learning Services
- Faculty Transitional Arrangements for COVID-19
- Moodle
- Lab Access
- Computing Facilities
- Student Resources
- Course Outlines
- Makerspace
- UNSW Timetable
- UNSW Handbook