



UNSW Course Outline

ELEC9771 Project Report A - 2024

Published on the 05 Sep 2024

General Course Information

Course Code : ELEC9771

Year : 2024

Term : Term 3

Teaching Period : T3

Is a multi-term course? : No

Faculty : Faculty of Engineering

Academic Unit : School of Electrical Engineering & Telecommunications

Delivery Mode : In Person

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 project is an inquiry-based learning course that allows a team of students to combine engineering principles learned over their previous years of study and professional experience and apply them to innovatively solve problems, such as developing a specific design or process and/or investigating a hypothesis. Projects can take many forms, such as the design and

construction of experimental equipment or a theoretical investigation.

The projects that students undertake are complex, open-ended problems that allow room for their creativity and the acquisition, analysis, and interpretation of results. There are multiple possible solutions or conclusions at the outset and sufficient complexity to require a degree of project planning from the students. The project requires students to formulate problems in scientific or engineering terms, manage a technical project and find solutions by applying scientific and engineering methods.

This is the first course in the two-course project structure, carried out over two terms. The course is normally undertaken in the last year of the Master of Engineering Science program. Students undertake directed laboratory and research work on an approved topic under the guidance of an academic supervisor. Students must form a team, and identify a supervisor and project prior to enrolling in this course. A suitable co-supervisor may be required where the work is carried out externally.

Course Aims

The course aims to enable students to: (a) develop critical thinking and knowledge in the academic and professional literature on a particular topic; (b) formulate problems in technical terms, manage the project, and find solutions by applying engineering and/or scientific methods; (c) demonstrate their ability to work as a team in a research and development environment; (d) communicate knowledge, skills, and ideas to professional and lay audiences.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Develop a design or a process or investigate a hypothesis following industry and professional engineering standards.
CLO2 : Apply scientific and engineering methods to solve an engineering problem.
CLO3 : Analyse data objectively using quantitative and mathematical methods.
CLO4 : Demonstrate written communication in professional and lay domains.
CLO5 : Work collaboratively in a team-based environment.

Course Learning Outcomes	Assessment Item
CLO1 : Develop a design or a process or investigate a hypothesis following industry and professional engineering standards.	• Project Report
CLO2 : Apply scientific and engineering methods to solve an engineering problem.	• Project Report
CLO3 : Analyse data objectively using quantitative and mathematical methods.	• Project Report
CLO4 : Demonstrate written communication in professional and lay domains.	• Project Report
CLO5 : Work collaboratively in a team-based environment.	• Project Report

Learning and Teaching Technologies

Moodle - Learning Management System

Other Professional Outcomes

Engineers Australia (EA), Professional Engineer Stage 1 Competencies

The Course Learning Outcomes (CLOs) contribute to your development of the following EA competencies:

PE1: Knowledge and Skill Base:

PE1.1 Comprehensive, theory-based understanding of underpinning fundamentals: n/a

PE1.2 Conceptual understanding of underpinning maths, analysis, statistics, computing: CLO 2, 3, 4

PE1.3 In-depth understanding of specialist bodies of knowledge: CLO 1, 2

PE1.4 Discernment of knowledge development and research directions: CLO 6

PE1.5 Knowledge of engineering design practice: CLO 1, 8

PE1.6 Understanding of scope, principles, norms, accountabilities of sustainable engineering practice: n/a

PE2: Engineering Application Ability:

PE2.1 Application of established engineering methods to complex problem solving: CLO 3, 4

PE2.2 Fluent application of engineering techniques, tools and resources: CLO 3, 4

PE2.3 Application of systematic engineering synthesis and design processes: CLO 1, 3

PE2.4 Application of systematic approaches to the conduct and management of engineering projects: CLO 5, 7

PE3: Professional and Personal Attributes:

PE3.1 Ethical conduct and professional accountability: CLO 7

PE3.2 Effective oral and written communication (professional and lay domains): CLO 5

PE3.3 Creative, innovative and pro-active demeanour: CLO 5, 6

PE3.4 Professional use and management of information: CLO 7, 8

PE3.5 Orderly management of self, and professional conduct: CLO 8

PE3.6 Effective team membership and team leadership: CLO 7

Targeted Graduate Capabilities

Electrical Engineering and Telecommunications programs are designed to address the following targeted capabilities, which were developed by the School in conjunction with the requirements of professional and industry bodies:

- The ability to apply knowledge of basic science and fundamental technologies;
- The skills to communicate effectively, not only with engineers but also with the wider community;
- The capability to undertake challenging analysis and design problems and find optimal solutions;
- Expertise in decomposing a problem into its constituent parts and in defining the scope of each part;
- Working knowledge of how to locate required information and use information resources to their maximum advantage;
- Proficiency in developing and implementing project plans, investigating alternative solutions, and critically evaluating differing strategies;
- An understanding of the social, cultural, and global responsibilities of the professional engineer;
- The ability to work effectively as an individual or in a team;
- An understanding of professional and ethical responsibilities;

- The ability to engage in lifelong independent and reflective learning.

UNSW Graduate Capabilities

The course delivery methods and course content directly or indirectly address a number of core UNSW graduate capabilities, as follows:

- Developing scholars who have a deep understanding of their discipline, mostly through self-study with little guidance from staff.
- Developing rigorous analysis, critique, and reflection, as well as the ability to apply knowledge and skills to solve problems encountered in the course of project work.
- Developing capable independent and collaborative enquiry through self-study and information gathering spanning the duration of the course.
- Developing digital and information literacy and lifelong learning skills through the literature review and selective gathering of background technical information required for the project.
- Developing ethical practitioners who are collaborative and effective team workers through group activities and seminars.
- Developing independent, self-directed professionals who are enterprising, innovative, creative, and responsive to change through challenging design and project tasks.
- Developing citizens who can apply their discipline in other contexts are culturally aware and environmentally responsible through interdisciplinary tasks, seminars, and group activities.

Additional Course Information

How to nominate a project topic:

The Moodle portal "EET School Thesis/Project" helps you find a supervisor and register a project topic to work on. This should be done well before the start of the term. Follow these steps:

- Go to <https://moodle.telt.unsw.edu.au/course/view.php?id=20890> and enrol yourself as a student; the self-enrolment key is **EETTPstudent**.
- From here, you can view the research profiles of prospective supervisors and topics by clicking on the "**Research Topics**" icon. Please note that the topics list is only indicative and may not show all available topics. Supervisors may have other new topics in mind, or you may want to propose a topic that matches the supervisor's interests and expertise.

When you have found a supervisor with a topic that suits your interests, you are required to contact this person to discuss your intention. If you both agree to team up, ask the supervisor to email you to confirm approval of the topic title. You can then proceed to register your topic:

- Go into Moodle's "EET School Thesis/Project," click the "Select Your Supervisor" icon, and then click "**Select Supervisor**". Find your supervisor's name and click the action box to become a member.
- From the home page, click the "**Select Your Supervisor**" icon, then click "**Register Topic**" and "**Add Entry**" and enter your details and topic title.

- You now have formally secured a supervisor with a specific topic to work on in the forthcoming term. Furthermore, you must enrol in the appropriate thesis course code on myUNSW, as you would normally enrol in other courses. This will give you access to the main Moodle for this course: "ELEC9771-Project Report A - 2024 - T3".

Risk Management:

Your thesis work may involve practical experiments in the laboratory or only using office computers. Regardless of the nature of your thesis work, you must do a risk assessment before commencing. The Risk Management Form has to be completed online via <https://safesys.unsw.edu.au> and signed off by you, and approved by your supervisor. The system will generate a unique Risk Management Document Number for identification.

Note that when you submit your thesis report, you will be asked to state your Risk Management Document Number and also, if applicable, to indicate that appropriate ethics approvals have been obtained.

Written report:

A written report of about 5000 words is also required. This is to be submitted by 11 am on **Thursday, 14th November 2024**, by uploading the report as one single pdf formatted file. This file should include, as the first page, a scanned image of the report cover sheet. The report cover sheet can be downloaded from the course website. The report must also include an Appendix for a scanned copy of the completed Risk Assessment Form. If using double space and size 12 font, a typical report is about 15 to 25 pages (everything included: graphs, figures, diagrams, and attached forms).

As with the seminar, the preliminary report should have the following elements:

- Abstract / Table of contents / Introduction / Body / Conclusion (these do not necessarily constitute Chapter titles).
- Project definition, which includes the problem statement, and motivation for trying to solve this particular problem, possible solutions to the problem along with their pros and cons and challenges.
- Literature review.
- Description of preliminary work - although much of the design and synthesis will be carried out in MEngSc Project B, it would be expected that preliminary work will be carried out in MEngSc Project A.
- Outline and timetable schedule for work in MEngSc Project B in the following term. This should be more than just a simple Gantt chart. This should include a description of the work required to be carried out in MEngSc Project B, and possible perceived problems or risks you

may encounter which could change the schedule and planned work.

The report must be individually written even though the students work in a group on the same topic. Submission is via Moodle.

If Things Go Wrong:

If you start having serious problems, don't ignore them or stop working; the problems won't go away. Talk over your worries with your supervisor to see what you can do to get going again. If you are still not able to resolve the problems, then see the Project Coordinator, the Director of Academic Studies in EE&T or the Student Counseling and Careers Unit. The Learning Centre also offers advice and support on these matters. Often, some advice or perhaps reducing the scope of the project can get you working effectively for the rest of the year.

Ethics approval:

The project work may require ethics approval. Does your project involve other people doing something for you? If so, it may require ethics approval. The basic principle is that if you want people to provide you with something, even if just 5 min of their time to answer questions, then you should (i) treat them with suitable dignity and (ii) ensure any possibility that they may be badly affected is absolutely minimised. When research at UNSW involves people, then it comes under the oversight of the UNSW Ethics Committee, which must give approval before it proceeds.

You will need to get approval if your project involves any of the following (more than one may apply):

- a survey, even if done online
- an interview, focus group, or other such ‘qualitative’ method
- data-mining, when individual identities might be revealed
- behavioural observation, e.g. people using something, choices people make, online activities
- recording or photography of people, even if in public spaces
- experiments on human reactions (or other abilities)
- human performance, e.g. running, falling, playing music
- testing a device
- tasting or smelling, e.g. foods
- and, of course, drug trials, body tissues, and other medical activities.
- experiments on animals

If your project requires approval, discuss this with your supervisor first.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Project Report Assessment Format: Individual Short Extension: Yes (7 days)	100%	Start Date: Not Applicable Due Date: 14/11/2024 11:00 AM

Assessment Details

Project Report

Assessment Overview

Students work together in a group on a topic, but each will submit an individually written report (about 5000 words). The student's performance in writing the report will be assessed based on the quality of the following specific elements in the report:

- Abstract / Table of contents / Introduction / Body / Conclusion (these do not necessarily constitute Chapter titles).
- Project definition includes the problem statement and motivation for trying to solve this particular problem, possible solutions, and their pros and cons and challenges.
- Literature review.
- Description of preliminary work – although much of the design and synthesis will be carried out in Project B, it would be expected that preliminary work will be completed in Project A.
- Outline and timetable schedule for work in Project B in the following term. This should be more than just a simple Gantt chart. This should include a description of the work required to be carried out in Project B and possible perceived problems or risks you may encounter which could change the schedule and planned work.

This assignment is submitted through Turnitin, and students can see Turnitin similarity reports. The report will be assessed only by the project supervisor and feedback on the progress given either verbally or through comments posted on Moodle.

Course Learning Outcomes

- CLO1 : Develop a design or a process or investigate a hypothesis following industry and professional engineering standards.
- CLO2 : Apply scientific and engineering methods to solve an engineering problem.
- CLO3 : Analyse data objectively using quantitative and mathematical methods.
- CLO4 : Demonstrate written communication in professional and lay domains.
- CLO5 : Work collaboratively in a team-based environment.

Assessment information

Policy for lateness in report submission:

The penalty is detailed below:

- If the report is not submitted by the due date, it will be marked %Üunsatisfactory%Û .
- If there is a delay in submission due to unforeseen reasons (e.g., medical issues), prior permission should be obtained from the project coordinator, with the consent of the supervisor, at least two weeks before the due date. A maximum late submission of 4 weeks is then allowed at the discretion of the project coordinator, but should only be granted in exceptional circumstances. As per normal, students can also apply through myUNSW for special consideration.

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can 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](#).

General Assessment Information

Report - Satisfactory/Unsatisfactory by Project Supervisor.

Risk management and ethics approval, if required.

Grading Basis

Satisfactory

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 0 : 2 September - 8 September	Group Activity	<ul style="list-style-type: none"> Prior to the start of the term, students form a group, select a project topic, and obtain approval from an academic supervisor. If unable to form the group or/and obtain approval from a supervisor, the students cannot enroll in the project and should apply for project substitution. Weekly meetings during the term with the supervisor for technical guidance on project work (typically 1 hour). Individual team meetings with the group members for 1 hour every week. The meeting minutes must be recorded and submitted to the supervisor for assessment. Laboratory work during the term is subject to arrangement with technical staff.
Week 1 : 9 September - 15 September	Group Activity	<ul style="list-style-type: none"> 4pm Friday: deadline for registering your thesis topic and supervisor name via Moodle portal "EET School Thesis/Project". Meet with the supervisor to discuss: (i) problem statement, (ii) methodologies/hypothesis, (iii) software/hardware requirement, and (iv) keywords for literature review. Meet with the team to: (i) understand problem statement, (ii) assign responsibilities for each team member, (iii) commence learning the required software, (iv) plan for lab access where required, (v) record the team meeting minutes and duration of the meeting (min 1 hour). Enter the details in the EET database Read the course outline Commence working in the research direction.
Week 2 : 16 September - 22 September	Group Activity	<ul style="list-style-type: none"> Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary, (v) record the team meeting minutes and duration of the meeting (min 1 hour). Continue working in the research direction and set the initial milestones.
Week 3 : 23 September - 29 September	Group Activity	<ul style="list-style-type: none"> Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary, (v) record the team meeting minutes and duration of the meeting (min 1 hour). Continue working in the research direction and set the initial milestones.
Week 4 : 30 September - 6 October	Group Activity	<ul style="list-style-type: none"> Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary, (v) record the team meeting minutes and duration of the meeting (min 1 hour). Continue working in the research direction and set the initial milestones.
Week 5 : 7 October - 13 October	Group Activity	<ul style="list-style-type: none"> Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary, (v) record the team meeting minutes and duration of the meeting (min 1 hour). Continue working in the research direction and set the initial milestones.
Week 6 : 14 October - 20 October	Group Activity	<ul style="list-style-type: none"> Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary

		<ul style="list-style-type: none"> (v) record the team meeting minutes and duration of the meeting (min 1 hour). • Continue working in the research direction and set the initial milestones.
Week 7 : 21 October - 27 October	Group Activity	<ul style="list-style-type: none"> • Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. • Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary, (v) record the team meeting minutes and duration of the meeting (min 1 hour). • Continue working in the research direction and set the initial milestones.
Week 8 : 28 October - 3 November	Group Activity	<ul style="list-style-type: none"> • Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. • Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary, (v) record the team meeting minutes and duration of the meeting (min 1 hour). • Continue working in the research direction and set the initial milestones.
Week 9 : 4 November - 10 November	Group Activity	<ul style="list-style-type: none"> • Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. • Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary, (v) record the team meeting minutes and duration of the meeting (min 1 hour). • Continue working in the research direction and set the initial milestones.
Week 10 : 11 November - 17 November	Group Activity	<ul style="list-style-type: none"> • Meet with the supervisor to: (i) discuss refining problem statement, (ii) discuss methodologies/hypothesis, (iii) report at least one key literature (iv) discuss the unique scope for individual team members, (v) organise lab access where required. • Meet with the team to: (i) reflect on the feedback from the supervisor (ii) discuss the methodology to address individual scope (iii) continue learning the required software, (iv) plan schedule for joint lab work where necessary, (v) record the team meeting minutes and duration of the meeting (min 1 hour). • Continue working in the research direction and set the initial milestones. • 11:00 am Thursday: deadline for submission of the (individual) report via Moodle and group meeting minutes to the supervisor.)

Attendance Requirements

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

General Schedule Information

See the Course Schedule Table above.

Course Resources

Prescribed Resources

Recommended text(s):

Reading materials are specified by the supervisor (related to a particular project topic).

Online resources: Moodle

As a part of the teaching component, Moodle will be used to disseminate materials, host forums: <https://moodle.telt.unsw.edu.au/login/index.php>. All information about this course is available from this link which is regularly updated.

Mailing list

Announcements concerning course information will be given on Moodle and/or via email (which will be sent to your student email address).

Course Evaluation and Development

This course is under constant revision in order to improve the learning outcomes for all students. Please forward any feedback (positive or negative) on the course to the course convener or via the Course and Teaching Evaluation and Improvement Process. You can also provide feedback to ELSOC who will raise your concerns at student focus group meetings.

In our efforts to provide a rich and meaningful learning experience, we have continued to evaluate and modify our delivery and assessment methods. The assessment criteria and marking guidelines have been extensively revised together with clearly defined policies on handling marking differences and late submission of work. Course administration is now via Moodle where students can access online databases, find supervisors to sign up a topic, obtain course material and submit their work for assessment.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Hassan Habibi Gharakheili		Room 417, ElecEng building (G17)	+61 (2) 9385 5176		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 Plagiarism

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

General Conduct and Behaviour

Consideration and respect for the needs of your fellow students and teaching staff is an expectation. Conduct which unduly disrupts or interferes with a class is not acceptable and students may be asked to leave the class.

Use of AI for assessments

Your work must be your own. If you use AI in the writing of your assessment, you must acknowledge this and your submission must be substantially your own work. More information can be found on this [website](#).

Workplace Health & Safety (WHS)

WHS for students and staff is of utmost priority. Most courses involve laboratory work. You must follow the [rules about conduct in the laboratory](#). About COVID-19, advice can be found on this [website](#).

School Contact Information

Consultations: Lecturer consultation times will be advised during the first lecture. You are welcome to email the tutor or laboratory demonstrator, who can answer your questions on this course and can also provide you with consultation times. ALL email enquiries should be made from your student email address with ELEC/TELEXXXX in the subject line; otherwise they will not be answered.

Keeping Informed: Announcements may be made during classes, via email (to your student email address) and/or via online learning and teaching platforms – in this course, we will use Moodle <https://moodle.telt.unsw.edu.au/login/index.php>. Please note that you will be deemed to have received this information, so you should take careful note of all announcements.

Student Support Enquiries

[For enrolment and progression enquiries please contact Student Services](#)

Web

[Electrical Engineering Homepage](#)