



ENGG8099

Engineering Internship

Session 2, In person-placement, On location 2026

School of Engineering

Contents

<u>General Information</u>	2
<u>Learning Outcomes</u>	2
<u>General Assessment Information</u>	3
<u>Assessment Tasks</u>	4
<u>Delivery and Resources</u>	6
<u>Policies and Procedures</u>	7

Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff

Subhas Mukhopadhyay

subhas.mukhopadhyay@mq.edu.au

Suzanne Schibeci

suzanne.schibeci@mq.edu.au

Credit points

10

Prerequisites

100cp at 6000 level and above, with a WAM of at least 85 and approval by special permission

Corequisites

Co-badged status

ENGG4099

Unit description

Engineering Industry Practice gives you the opportunity to connect what you learn in class with real-world engineering. Through a structured industry partner involvement in this unit, you will apply your engineering knowledge in a professional workplace while gaining valuable hands-on experience.

During the industry focused learning, you will work alongside industry professionals and contribute to solving practical engineering challenges. This unit helps you experience how engineering works in real organizations, while developing important professional skills such as communication, teamwork, and problem-solving.

By the end of the unit, you will have gained practical industry experience, built professional connections, and developed skills that will support your transition from university to a career in engineering.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Apply theoretical engineering knowledge in a real-world professional setting,

enhancing their problem-solving and practical skills

ULO2: Foster experiential learning by immersing in engineering projects including engagement in various phases of project development, from conception to implementation

ULO3: Apply skills developed in professionalism, communication, teamwork, and project management in a professional workplace setting through exposure to workplace dynamics

ULO4: Synthesize transformational skills from various engineering disciplines, industry sectors, and company cultures to help make informed career decisions

ULO5: Display comprehension of occupational health and safety concerns and a high ethical standard within engineering workplaces

General Assessment Information

ALL students are required to submit their final report via Turnitin (in the assessment submission space on iLearn). If the student has an approved local or regional activity, they are required to email FSE PACE **their final report only** to pace.science@mq.edu.au. FSE PACE will check iParticipate for actioned timesheets and the completed student evaluation.

If you have any questions about the above assessment update, please contact the PACE team at pace.science@mq.edu.au.

Submission links and due dates can also be found in the **ENGG4099/ENGG8099** iLearn site under the **Key Dates** section.

Completion

If you commenced a placement in Session 2, 2019 or later, please refer to the **ENGG8099 Fact Sheet** on iLearn for information on tracking and reporting your activity (only the report, item 3 below, is required to be submitted via iLearn).

Successful completion of this unit requires submission of the above documents by the specified deadline. To pass the unit, students must satisfactorily complete each of the three assessment tasks.

Students submitting an incomplete or unsatisfactory submission will be given **one (and only one)** opportunity to resubmit revised document(s) before the specified deadline. If the second submission is also unsatisfactory and/or incomplete, the student may receive a **Fail (F)** or **Continuing (K)** grade. No further resubmissions will be permitted during that session. The student must then resubmit the required documents and complete the unit in a future session.

Late submissions will not be accepted unless there are exceptional circumstances. For example, students who miss the Session 1 submission deadline must submit their documents to the **Winter Vacation ENGG8099** iLearn submission site, where they will be assessed and graded at the end of the Winter Vacation session. Students should be aware that this may delay graduation or completion of their degree requirements. Meeting deadlines is an essential professional expectation in industry; therefore, submission deadlines will be strictly enforced.

Marks

All submissions will be assessed at the end of the session during the examination marking period, and grades will be released in accordance with the University's standard grade release schedule. Requests for early marking or grading will not be considered unless there are exceptional circumstances.

Students who satisfactorily complete all unit requirements will receive an **S (Satisfactory)** grade.

A student who neither completes the requirements for **ENGG8099** in the enrolled session nor fails the unit will receive a **K (Continuing)** grade. This allows the enrolment to remain active until the requirements for **ENGG8099** are completed in a future session, provided this occurs within **two years** of the initial enrolment. The University reserves the right to amend this time limit.

Assessment Tasks

Name	Weighting	Hurdle	Due	Groupwork/Individual	Short Extension	AI Approach
<u>Internship Journal</u>	30%	No	06/11/2026	Individual	Yes	Open
<u>Final Industry Reflective Practice Report</u>	50%	No	06/11/2026	Individual	Yes	Open
<u>Industry Supervisor Evaluation</u>	20%	No	06/11/2026	Individual	No	Observed

Internship Journal

Assessment Type ¹: Professional task

Indicative Time on Task ²: 20 hours

Due: **06/11/2026**

Weighting: **30%**

Groupwork/Individual: Individual

Short extension ³: Yes

AI Approach: Open

You will submit a journal documenting daily activities, challenges, and lessons learned.

On successful completion you will be able to:

- Apply theoretical engineering knowledge in a real-world professional setting, enhancing their problem-solving and practical skills
- Foster experiential learning by immersing in engineering projects including engagement in various phases of project development, from conception to implementation
- Apply skills developed in professionalism, communication, teamwork, and project

management in a professional workplace setting through exposure to workplace dynamics

- Synthesize transformational skills from various engineering disciplines, industry sectors, and company cultures to help make informed career decisions
- Display comprehension of occupational health and safety concerns and a high ethical standard within engineering workplaces

Final Industry Reflective Practice Report

Assessment Type ¹: Written Submission

Indicative Time on Task ²: 10 hours

Due: **06/11/2026**

Weighting: **50%**

Groupwork/Individual: Individual

Short extension ³: Yes

AI Approach: Open

You will submit a comprehensive report detailing the industry and professional experience.

On successful completion you will be able to:

- Apply theoretical engineering knowledge in a real-world professional setting, enhancing their problem-solving and practical skills
- Foster experiential learning by immersing in engineering projects including engagement in various phases of project development, from conception to implementation
- Apply skills developed in professionalism, communication, teamwork, and project management in a professional workplace setting through exposure to workplace dynamics
- Synthesize transformational skills from various engineering disciplines, industry sectors, and company cultures to help make informed career decisions

Industry Supervisor Evaluation

Assessment Type ¹: Experiential task

Indicative Time on Task ²: 5 hours

Due: **06/11/2026**

Weighting: **20%**

Groupwork/Individual: Individual

Short extension ³: No

AI Approach: Observed

You will undertake industry activities, during which your on-site supervisor will provide feedback and evaluation.

On successful completion you will be able to:

- Apply theoretical engineering knowledge in a real-world professional setting, enhancing their problem-solving and practical skills
- Foster experiential learning by immersing in engineering projects including engagement in various phases of project development, from conception to implementation
- Apply skills developed in professionalism, communication, teamwork, and project management in a professional workplace setting through exposure to workplace dynamics
- Synthesize transformational skills from various engineering disciplines, industry sectors, and company cultures to help make informed career decisions
- Display comprehension of occupational health and safety concerns and a high ethical standard within engineering workplaces

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- [Academic Success](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation.

³ An automatic short extension is available for some assessments. Apply through the [Service Connect Portal](#).

Delivery and Resources

ENGG4099 is a PACE unit. PACE stands for Professional and Community Engagement. By connecting students with partner organisations, PACE gives Macquarie students the chance to contribute their academic learning, enthusiasm and fresh perspective to the professional workplace.

- PACE is Macquarie's way of integrating practical experience into your degree so it gives you the chance to work with different communities, and ultimately gives you the edge in your career.
- PACE is a key component of the University's strategic direction, emphasising the University's commitment to excellence in research, learning and teaching, and community engagement. It is the third pillar of the undergraduate curriculum; People, Planet and Participation.
- PACE units provide an academic framework through which students can engage with the

community, learn through participation, develop their capabilities and build on the skills that employers value. By completing a PACE unit, students develop all these skills and capabilities, and also gain academic credit towards their degree.

- In this unit, you will undertake a PACE activity – the experiential component of a PACE unit whereby students engage with the community through Participation. The activity may be carried out in a variety of modes such as block (a concentrated period) or over the course of the whole semester (e.g. limited hours per week), depending on the design of the unit. Similarly, the timing of the PACE activity for each student or group of students may be different depending on arrangements with a community-based partner.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://policies.mq.edu.au) (<https://policies.mq.edu.au>). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies](https://students.mq.edu.au/support/study/policies) (<https://students.mq.edu.au/support/study/policies>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central](https://policies.mq.edu.au) (<https://policies.mq.edu.au>) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit connect.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

Academic Success

[Academic Success](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Ask a Study Coach](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)
- [Student Advocacy](#) provides independent advice on MQ policies, procedures, and processes

Student Enquiries

Got a question? Ask us via the [Service Connect Portal](#), or contact [Service Connect](#).

IT Help

For help with University computer systems and technology, visit <https://students.mq.edu.au/support/technology/service-desk>.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.

Unit information based on version 2026.04 of the [Handbook](#)