

F. A. Q. related to Engineering Summer Units

What is a Summer unit?

Summer units carry the same credit value (6 credit points) as regular semester units. However, they are delivered in an intensive format (as short as 6 weeks), meaning you will experience approximately double the weekly workload.

Typically, students can expect two workshops (4 hours per week) and two laboratory sessions (4 hours per week) each week (a total of up to 10 contact hours per week), along with an additional 14 hours of independent study each week.

Is enrolling in a summer unit a necessity or requirements?

No. There is no necessity, compulsion or requirement to enrol in a summer unit. It is entirely optional. If you pass every unit, you can complete your studies on time in 8 semesters. Summer units could offload some of the study load in the regular semesters.

Why enrol into a Summer unit?

By taking a Summer unit, you can choose to underload in a future semester (for example, in your final semester when workload is most demanding, or during your exchange semester at Clayton). In particular, if you have not completed ENG1012 or ENG1014 (both of which are core units) or need to repeat either of them, the Summer offering provides an excellent opportunity to do so earlier. If you are looking for an elective to satisfy the elective requirements in Level 1 or Level 2, ENG1813 is an option.

Why is the published teaching period 8 weeks for ENG1012/ENG1014 (from 30 Nov 2026 to 22 Jan 2027)?

There will be a 2 week mid-semester break from 21 Dec 2026 until 3 Jan 2027.

When is the Census date? (i.e. last day to withdraw without financial penalty)

Summer units have non-standard teaching and assessment dates which differ from the standard teaching period dates. Please refer to the respective Summer unit (ENG1012, ENG1014 or ENG1813) for principal dates such as census date etc. here: [2026 Units with non-standard dates - Current students](#)

When is the Final Assessment?

Summer A: The Final assessment period is 1 - 12 Feb 2027. Results are released on 1 March 2027.

When is the Defer/Supplementary Final Assessment?

Summer A: The Defer/Supplementary Final Assessment period is 22 - 25 March 2027.

Will I be able to enrol into units that require the Summer unit as pre-requisite?

Results for the Summer unit will be released on 1 March 2027, which coincides with the start of Semester 1, 2027. Therefore, any necessary changes to your enrollment can still be made within the first day of Week 1.

Can I enrol in more than one Summer unit?

While enrolling in more than one summer unit is *not recommended* due to the fast pace and heavy workload, students may do so if they are confident in managing their time and schedule effectively.

How do I enrol into the Summer unit?

Enrol unit via [WES](#) or complete the [SORS Enrolment Amendment Form](#)

When are the fees due for a Summer A unit?

Please check with the finance department in Building 2.

If I am an international student, can I enrol in a Summer unit?

If you have a valid student pass for the entire duration of the Summer unit, you may enrol in a summer unit.

If I am on a scholarship, bursaries, discount or study loan, will I continue to enjoy the financial assistance for a summer unit?

Please direct your inquiries to the Scholarship Office by submitting a ticket via [AskMira](#) or walk-in to Student Hub.

Unit Specific F. A. Q.: ENG1014 Engineering Numerical Analysis

I have only completed ENG1090 Foundation Mathematics, and not ENG1005 Engineering Mathematics. Can I still enrol into ENG1014?

Yes! The co-requisite of ENG1005 for ENG1014 has been removed since 2025. You may also refer to the [Handbook](#) for the unit here.

What is the assessment pattern for ENG1014?

ENG1014 is a 50% continuous assessment + 50% final assessment unit.

You will complete the 50% continuous assessment in 6 weeks and the final assessment during the final assessment period.

The continuous assessment pattern will look like this:

1. 11 x Weekly Quiz - 0%
2. 02 x Consolidation tests - 0%
3. 10 x Laboratory sessions - 0%
4. 05 x Portfolio - 40% (8% each - Competency Hurdle)

5. 01 x Coding Competency Test - 0 (Competency Hurdle)
6. 01 x Assignment - 10%
7. 01 x Interview - 10% (Competency Hurdle)
8. Final Exam - 40%

The Unit Schedule is as below:

Week	Contact hours	Laboratory	Quiz	Portfolio	Other Assessment	Weightage (%)
1 (23/11/26)	W1a - 2 hrs W1b - 2 hrs	Lab 0 - 2 hrs Lab 1 - 2 hrs	Quiz 1a Quiz 1b		-	0
2 (30/11/26)	W2a - 2 hrs W2b - 2 hrs	Lab 2 - 2 hrs Lab 3 - 2 hrs	Quiz 2a Quiz 2b	Portfolio 1		8%
3 (7/12/26)	W3a - 2 hrs W3b - 2 hrs	Lab 4 - 2 hrs Lab 5 - 2 hrs	Quiz 3a Quiz 3b	Portfolio 2	Consolidation Test 1	8%
4 (14/12/26)	W4a - 2 hrs W4b - 2 hrs	Lab 6 - 2 hrs Lab 7 - 2 hrs	Quiz 4a Quiz 4b	Portfolio 3	Consolidation Test 2	8%
Semester Break - 21/12/26						
Semester Break - 28/12/26						
5 (4/1/27)	W5a - 2 hrs W5b - 2 hrs	Lab 8 - 2 hrs Lab 9 - 2 hrs	Quiz 5a Quiz 5b	Portfolio 4	Coding Competency Test	8%
6 (11/1/27)	W6a - 2 hrs W6b - 2 hrs	Lab 10 - 2 hrs	Quiz 6a	Portfolio 5		8%
7 (18/1/27)					Assignment Interview	10% 10%
SwotVac - 25/1/27						
Exam (1/2/27)					Final Exam	40%

What units can I enrol into in Semester 1 2026 after completing ENG1014 (Summer unit)?

If you have completed ENG1005 and ENG1014 (Summer unit), you will meet the prerequisite for [ENG2005 Advanced Engineering Mathematics](#), which you can enrol in during Semester 1, 2026. ENG2005 is a core unit for all Engineering specialisations in Year 2.

Alternatively, you may also choose to enrol in other Year 2 core units, depending on your Engineering specialisation. For further advice on unit enrolment, please consult your Course Director for your specialisation:

<https://www.monash.edu.my/engineering/about-us/all-staff/course-coordinators>

Unit Specific F. A. Q.: ENG1012 Engineering Design

What is the assessment pattern for ENG1012?

ENG1012 is a 100% continuous assessment unit.

The continuous assessment pattern will look like this:

1. 10x weekly worksheet, totalling to 20% (weekly submission)
2. 5x Moodle Quizzes, totaling to 20% (competency hurdle)
3. 1 x project, totaling to 50% (video report, 30% + interview, 20%)
4. 1 x personal reflection, 10%

The Unit Schedule is as below:

Week commencing	Week	Contact hours	Assessments	Assessment weightage (%)
Week 1	23 Nov 2026	2 hr Workshop 2 hr Practical	Worksheet 1 submission	1.5
Week 2	30 Nov 2026	4 hr Workshop 4 hr Practical	Worksheet 2 submission Worksheet 3 submission	4
Week 3	7 Dec 2026	2 hr Workshop 2 hr Practical	Worksheet 4 submission Moodle Quiz 1	7.5
Week 4	14 Dec 2026	4 hr Workshop 4 hr Practical	Worksheet 5 submission Worksheet 6 submission	5
	21 Dec 2026	Semester Break		
	28 Dec 2026	Semester Break		
Week 5	4 Jan 2027	2 hr Workshop 2 hr Practical	Worksheet 7 Submission Moodle quiz 2	7.5
Week 6	11 Jan 2027	4 hr Workshop 4 hr Practical	Worksheet 8 submission Worksheet 9 submission Moodle Quiz 3	8
Week 7	18 Jan 2027	2 hr Workshop 2 hr Practical	Worksheet 10 submission Moodle Quiz 4	6.5
Week 8	25 Jan 2027	2 hr Workshop	Video presentation submission	30
week 9	1 Feb 2027	2 hr Workshop 4 hr Practical	Personal reflection + Interview	30

Unit Specific F. A. Q.: ENG1813 Next-Gen Uncrewed Vehicle

When does the class run?

Classes for ENG1813 will run for six weeks, starting on 16 November 2026. This is followed by a two-week assessment period (covering Test 2, practical assessment, presentation, and project demonstration). The unit will conclude on 8 January 2027. (See [handbook](#) entry for ENG1813 for more details)

What is the assessment pattern for ENG1813?

ENG1813 is a 100% continuous assessment unit (no final exam). You will be assessed through quizzes, lab activities, a team-based drone prototyping project, individual written assignments, and online tests. The tentative breakdown is:

Fundamentals quiz – 15%

Lab activities – 15%

Drone project (demo + report) – 25%

Ethical and societal impacts assignment – 10%

Test 1 & Test 2 – 35%

Is ENG1813 considered an elective unit?

Yes, ENG1813 is an elective unit and can also be counted towards the First Year breadth study unit.

What will I learn in this unit?

You will learn how to design, build, and test IoT-enabled drones that can collect and analyse real-time data. The unit integrates drone operation, IoT, and AI-assisted analytics, giving you hands-on experience in building systems that can perform autonomous or semi-autonomous tasks safely and efficiently.

Is this a programming-heavy unit?

ENG1813 includes drone operation rules and regulations, drone assembly using a provided drone kit, and programming (MicroPython) to control the drone. Approximately 60–70% of the lab practical & project involves programming, with the remaining focus on drone hardware, operation, and flight control.

Do I need prior experience with drones or IoT?

No prior experience is required. The unit begins with introductory sessions covering basic drone operation, IoT architecture, and safety regulations. Students from all engineering disciplines are welcomed.

What skills will I gain?

You will develop skills in systems integration, robotics, IoT, data analytics, teamwork, and practical problem solving. These are highly relevant for future units or specialisations in mechatronics, robotics, autonomous systems, or embedded systems.