

## **F. A. Q. related to Engineering Summer Unit**

### ***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 six-week format, 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 ENG1014 (which is a core unit) or need to repeat it, the Summer offering provides an excellent opportunity to do so earlier.

### ***Why is the published teaching period 8 weeks for ENG1014 (from 15 Dec 2025 to 6 Feb 2026)?***

There will be a 2 week mid-semester break from 22 Dec 2025 until 2 Jan 2026.

### ***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 (ENG1014 or ENG1813) for principal dates such as census date etc. here: [2025 Units with non-standard dates - Current students](#)

### ***When is the Final Assessment?***

Summer A: The Final assessment period is 2 - 13 Feb 2026. Results are released on 2 March 2026.

### ***When is the Defer/Supplementary Final Assessment?***

Summer A: The Defer/Supplementary Final Assessment period is 23 - 27 March 2026.

### ***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 2 March 2026, which coincides with the start of Semester 1, 2026. 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?***

This is not recommended. As summer units run at a higher pace, it would be challenging to manage the timetable and workload if you enrol in more than one summer unit.

### ***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**

### ***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. 2x weekly quizzes, totalling to 5%
2. 2x consolidation tests, totaling to 10%
3. 5x laboratory exercises, totaling to 25%
4. 1x assignment, totaling to 10%

### ***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.: ENG1813 Next-Gen Uncrewed Vehicle**

### ***When does the class run?***

Classes for ENG1813 will run for six weeks, starting on 18 November 2025. This is followed by a two-week assessment period (covering Test 2, practical assessment, presentation, and project demonstration). The unit will conclude on 10 January 2026. (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?***

No, programming is only one part of the unit. You will be introduced to basic coding (Arduino/ESP32) for sensor integration and telemetry but the main focus is system design, teamwork, and data analysis rather than advanced programming.

### ***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.