



A U S T R A L I A N
U N I V E R S I T I E S
R O C K E T
C O M P E T I T I O N

2024 AURC Registration Information Pack

Version 1.0: 11th December 2023





Revision History

Revision	Description	Date
Version 1.0	Initial Release	11/12/2023

1 Purpose and Scope

The following document contains information about the registration process for the Australian Universities Rocketry Competition 2024. It details the documents that are required to be submitted for a team to be accepted into AURC 2024. Before applying, teams should have read and understood the “2024 AURC Rules” document which is available on the website under “competitor info” <https://aurc.ayaa.com.au/competitor-info/>. If you have any questions regarding this document or about the registration process, please reach out to the AURC Subcommittee on Slack or via email at aurc@ayaa.com.au.

2 Registration Instructions

Teams registering in the 2024 AURC are required to submit the forms listed in Table 1 by the corresponding due date which closes at 11:59pm AEST. Forms requiring a university signature are due later since it is expected academic staff will have limited availability over the summer break. All forms are to be submitted on the AURC website in the portal under the “Competitor” subheading https://aurc.ayaa.com.au/submission_form/. Teams will receive a confirmation email when their entry form is received by the AYAA team.

Table 1: Documents submittable for registration and their due dates

Date Open	Date Due	Item
Monday, 11 th of December 2023	Sunday, 31 st of December 2023	Entry form
Monday, 1 st of January 2024	Monday, 22 nd of January 2024	University Declaration Academic Advisor Waiver Terms and conditions acknowledgement

2.1 Entry Form

Teams must complete and submit the “2024 AURC Entry Form” which is available on the website under “competitor info” <https://aurc.ayaa.com.au/competitor-info/>.

- 1 entry form is required per category.
- All inputs of this document are mandatory. We understand some data may change over time and this is completely acceptable.



As part of the form, you will need to provide preliminary information on your rocket design. AURC rockets must meet the restrictions in the “2024 AURC Rocket Specifications” document which will be released soon. Although these restrictions are not currently available, please take note of the following overall restrictions that will apply to rockets when filling out your entry form.

- **Motor:** One COTS solid rocket motor which appears on the TRA Certified Rocket Motors List
- **Payload:** A functional instrument performing an experiment, measurement or observation during flight.
 - For 5,000 ft AGL flights: in the form of a CanSat cylinder with exterior dimensions of 66 mm diameter and 155 mm length.
 - For 10,000 ft AGL flights: in the form of standard CubeSat configurations (1U – 3U+) and weighing at least 2 Kg.
- **Recovery:** A dual-deploy system initially descending at 20-50 m/s and decreasing to less than 11 m/s.
- **Tests:** It is a requirement that successful recovery deployment is demonstrated before launch.

2.2 University Declaration

Teams must provide a signed letter from the academic institution(s) in which its members are enrolled acknowledging the team’s participation in the AURC 2024. This will confirm that the team in question does in fact represent the academic institution(s) its members claim affiliation with.

- There is no template for this letter, but it must meet the following:
 - The letter is provided on the academic institution’s formal letterhead.
 - The letter notes the position and names of the representatives signing off.
 - The signature shall be that of an academic advisor or other paid, non-student faculty representative authorised to sign on behalf of the school, faculty and/or university.
 - The letter includes the following statement: “I hereby confirm that _(University Rocketry Team Name)_ will be participating in the Australian Universities Rocket Competition 2024 as representatives of _(University Name)_.”
- Academic institutions competing in multiple categories may use one participation letter for both categories.
- In the case of a joint team, comprised of students from multiple academic institutions, each affiliated institution must provide its own letter to the team.

2.3 Academic Advisor Waiver

Teams must complete and submit the “2024 AURC Advisor Waiver” form which is available on the website under “competitor info” <https://aurc.ayaa.com.au/competitor-info/>. This form will require modification to include the academic institution’s formal letterhead but must still have all the text present.

The work surrounding the design of the launch vehicle for the AURC is to be completed by students. As such, to ensure that no team has an unfair advantage, all academic advisors that are affiliated with the team will be required to sign the following waiver and return it to the AURC team.

Teams that have academics actively assisting in the developments of their payload and or project will be at risk of having severe penalties imposed, including disqualification from assessed pieces up to the competition overall. It is the responsibility of all teams to ensure that their advisors are fully aware of the level of support they are allowed to provide to students and for waiver forms to be submitted. If teams are uncertain of the level of support they can request from their advisor, please contact the AURC.