



COMPETITION SCHEDULE

2020

THE AUSTRALIAN
UNIVERSITIES ROCKET
COMPETITION



1 INTRODUCTION

The Australian Universities Rocket Competition is Australia's first national university rocketry competition hosted by the Australian Youth Aerospace Association. Commenced in 2018, the AURC was designed with the aim to provide graduate engineers and scientists with the skills required for the growing aerospace industry in Australia. Furthermore, the AURC aims to encourage student teams to be as multidisciplinary as possible to reflect complex, real life space projects that require a mix of engineers and scientists from different backgrounds.

1.1 Purpose

This document outlines the schedule for deliverables and payment deadlines of the AURC 2020. Student teams must submit the required project deliverables and forms to the event organisers by the specified dates and times outlined in this document, unless otherwise advised by formal notification. Late payments of any fees for the AURC will attract late payment charges. Eventually, payments will not be accepted due to logistic limitations, you will be advised of this date when payment is due. This document will be updated to contain the detailed event schedule of the AURC launch event in the coming months.

1.2 Updates

The **AURC 2020 Competition Schedule** document is a 'live' document and will be updated by the AYAA as needed throughout the year leading up to the AURC. The most recent version will always be maintained on the AURC website.

Student teams should always verify they are working with the correct version by checking the "Effective Date" as seen on the top right of each AURC document, and ensuring the version matches the version displayed on the AYAA website. The AYAA will never revise the Competition Schedule document to reschedule deadlines sooner than they were originally scheduled. Updates to the AURC 2020 Competition Schedule document will be announced via email.

1.3 Fees

Student teams entering the AURC should expect to pay AUD \$1200 per rocket team in addition to an individual participant fee.

- **Entry Deposit:** The entry deposit fee is required to make down payments for facilities, rentals, and any new equipment required before the event. Each team's entry deposit shall be paid as soon as possible after receiving their invoice from the AYAA. *Note: This fee is Non-Refundable.*
- **Competition Fee:** The competition fee is required to pay for event costs that are not directly related to the number of people at the event. Each team's competition fee is to be

paid as soon as possible after receiving their invoice. *Note: This fee is Non-Refundable after the 14th of March 2020.*

- **Participant Fee:** Details regarding the participant fee have been included so teams can make reasonable considerations in time. However, this number has currently not been finalised. The final participant fee shall be set prior to the 1st of November 2020, and clear justification for the cost shall be provided. Regardless, only team members who will be physically attending the final event will be required to pay the participant fee. *Note: This fee is Non-Refundable after the 1st of January 2021.*

2 AURC COMPETITION SCHEDULE

Student teams must meet the required project deliverables and competition fees deadlines, unless formal extensions have been granted. *Note: All times given are Australian Eastern Standard Time (AEST).*

2.1 Fee Schedule

| Date | Deliverable | \$ |
|--|---|------------|
| Sunday, 1 st of December 2019 | Entry Fee (per Team) | 500 |
| Sunday, 1 st of March 2020 | Competition Fee (per Project) | 700 |
| Sunday, 1 st of December 2020 | Participant Fee (per person attending the launch event) | TBC |

2.2 Competition Deliverables Schedule

| Date | Deliverable | Points |
|--|--|--------|
| Monday, 29 th of July 2019 | AURC registration opens Formal registration form will be sent out to successful applicants | N/A |
| Monday, 7 th of October 2019 | AURC registration closes | N/A |
| Friday, 13 th of December 2019 | AMRS L3 Documentation If applicable (use of a M, N or O motor in project) | P/F |
| Friday, 13 th of December 2019 | Progress Report 1 Preliminary Design, Engineering Management, Team Organisation & Safety Standards | 100 |
| Friday, 13 th of December 2019 | Open Rocket Simulation P/F | P/F |
| Friday, 6 th of March 2020 | Progress Report 2 Design Updates, Manufacturing, Testing & Selection and Scientific viability of Payload | 100 |
| Sunday, 31 st of May 2020 | Modelling & Simulation Approach (Report) | 50 |
| Sunday, 5 th of July 2020 | Payload Report | 50 |
| Sunday, 4 th of October 2020 | Progress Report 3 | 100 |
| Sunday, 6 th of December | Modelling & Simulation Results (Report) | 100 |
| Sunday, 7 th of February 2021 | Final Report | 200 |
| Wednesday, the 7 th of April 2021 | Presentation | 150 |
| -- | Scrutineering | P/F |
| -- | Flight | 200 |
| Saturday, the 10 th of April 2021 | Recovery | 100 |
| -- | Payload Inspection | 50 |
| <i>Total available marks:</i> | | 1200 |