

For Diploma in Aeronautical & Aerospace Technology

NYP's Diploma in Aeronautical & Aerospace Technology is the diploma for you if you want to learn more about aircrafts and aerial vehicles. The diploma will enable you to build a strong foundation in engineering fundamentals, and equip you with knowledge in aerospace, operating principles of aircraft, structures and systems. You will perform maintenance, repair and overhaul (MRO) activities and design and manufacture aerospace parts.

Ideal Applicant:

Applicants should demonstrate:

- Interest in aeronautical and aerospace technology, especially in pursuing a career in maintenance, repair & overhaul (MRO), aerospace industry, aerial vehicles, design and manufacturing of parts, etc.;
- Experience in a school environment (e.g. through a CCA, community activity or a class leadership position) where you learned and worked on aero models, mechanical models, mechanisms, or in an external context (e.g. Youth Flying Club, aero-modelling events, space events, aerospace career events or online learning sites for mechanical and Aerospace topics); and,
- Leadership, teamwork and critical thinking skills to develop innovative and creative solutions that solve problems in the aerospace domain.

Shortlisted applicants will be assessed as follows:

1. Interview

If you are shortlisted, you will be invited for an interview to share more about your passion for the course with a panel of interviewers. You will be assessed on your interest, aptitude, and achievements in both engineering and non-engineering domains. The duration of the individual interview will be about 15 minutes.

Some of the questions which you may be asked during the interview include:

- How did you realise that you wanted to pursue a career in the Aerospace industry?
- Share your experience and participation in any aerospace/engineering related activities in the last year and how it has benefitted you.
- What are some of the special skills or talents you possess in working with mechanical components, designing, or solving engineering problems? And how these may help you in your journey in the course?
- Share with us your career aspirations and how the course can help you fulfil them.

2. Portfolio (Optional)

You should include in your portfolio any evidence and/or activities (e.g. aerospace, engineering competitions) that showcase your character and involvement relevant to aerospace or engineering (such as hands-on skills, aero-modelling, mechanical knowledge etc.).

Examples of what to include in your portfolio:

- Testimonials
- Certificates (e.g. academic, achievement and/or personal development)
- Awards or participation in engineering, at school and/or national level

- Evidence of mechanical projects done, (e.g. coursework or CCA)
- Relevant learning journeys or Applied Learning Modules (ApLM) (previously known as Advanced Elective Modules - AEM)
- Evidence of leadership activities or roles
- Participation in CCAs