

## **For Common Engineering Programme**

NYP's Common Engineering Programme is for you if you are passionate about engineering and want to learn more about the various engineering specialties. The programme runs for one year and introduces you to several engineering disciplines such as aerospace engineering, additive manufacturing, robotics, materials technology, etc. During the programme, you can familiarise yourself with engineering concepts and the polytechnic environment, and proceed to make a well-informed choice when choosing your engineering diploma course.

### **Ideal Applicant:**

Applicants should demonstrate:

- Interest in engineering, especially in pursuing a career in engineering;
- Science/engineering-related experience in a school environment (through a CCA, a community activity, or workshop), or in an external context (perhaps in engineering courses, competitions attended, or online learning sites for engineering);
- Awareness of global engineering trends and news;
- Critical thinking, teamwork and analytical skills; and,
- Problem-solving abilities to develop innovative solutions in the engineering domains.

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, as well as, communication and presentation skills. The duration of the individual interview will be between 15 to 20 minutes.

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

- What are the reasons for choosing this programme?
- Can you share what modules or aspect of this programme attracted you to apply for it?
- Did you do anything to affirm that engineering is a career that is suited for you?
- Share a recent engineering news article which is of interest to you.
- Have you taken part in any competition/CCA/activities that is science/engineering related?

### **2. Portfolio (Optional)**

You should include in your portfolio, any evidence and/or activities (e.g. science & technology or engineering competitions) that showcase your character and involvement relevant to engineering.

Examples of what to include in your portfolio:

- Testimonials
- Certificates (e.g. academic, achievement and/or personal development)
- Awards or participation in science/engineering-related competitions, at school and/or national level
- Evidence of engineering projects, (e.g. coursework or CCA)
- Relevant learning journeys or Applied Learning Modules (ApLM) (previously known as Advanced Elective Modules - AEM)