



ENGINEERING COMMON PROGRAMME (N71)





get the best of engineering

Aerospace Technology, Electronic & Computer Engineering, Mechatronic Engineering, Biomedical Engineering... so many exciting engineering courses at Ngee Ann – Which one to choose? Where do your interests lie?

If only you could have some time to first immerse yourself in engineering, understand it, and then decide later exactly which area you would like to specialise in...

Well, now you can, with our exclusive Engineering Common Programme (ECP).

The School of Engineering offers you the Engineering Common Programme that will give you the flexibility to make your choice only at the end of the first semester. After you have a better understanding of engineering, you can choose to join one of the following engineering courses:

- **Aerospace Electronics**
Turbo thrust your future by getting a solid foundation in avionics. Learn the fundamentals of aerospace technology, aircraft navigation and communication systems
- **Aerospace Technology**
The sky's the limit – focus on design and manufacturing of aircraft components, in addition to maintenance, repair and overhaul of aircraft systems
- **Audio-visual Technology**
Be at the heart of the media, entertainment and MICE (Meetings, Incentives, Conventions and Exhibitions) industries as an audio technologist or an audio-video technical professional



- **Biomedical Engineering**
Plug into the worlds of engineering and life sciences - be the bridge between these two disciplines by developing highly specialised medical devices and equipment
- **Electrical Engineering**
Harness the power of electrical engineering, the backbone technology of diverse industries, and be trained in electrical, electronic and computer engineering
- **Electronic & Computer Engineering**
Immerse yourself in the world of computer architecture, interface & design, and digital communication systems
- **Mechanical Engineering**
Where there is a need to invent, improve or re-design equipment in any field of technology, you will be there as a mechanical engineer
- **Marine & Offshore Technology**
Get a headstart with the only naval architecture course in Singapore for design and construction of oil rigs and ships
- **Mechatronic Engineering**
Be at the cutting edge of technology by integrating electronics, mechanics and software design to develop smart products and machines in every possible industry from medicine to agriculture and automobile

For more information, log on to <http://soe.np.edu.sg/soe>

Why choose ECP?

The Engineering Common Programme provides you with a firm foundation and an initial understanding of engineering and career options to assist you in identifying which engineering discipline is the right fit for you. During the first semester of Year 1, you will have ample time to explore the nine available diploma courses before choosing what you would like to study in the second semester[^].

With such freedom and flexibility, this specially-designed programme is like no other. It is also the first of its kind to allow you to choose from a wide range of engineering courses at the end of your first semester.

The modules offered will not only provide you with a practice-centred foundation to engineering but will also expose you to the breadth of engineering. All modules taken in the first semester are also offered in the nine courses stated above. (A listing of the modules offered in the first semester can be found in any of the websites of the nine courses.)

During the first semester you will be taken care of by the Multidiscipline Engineering Division (MDE) to help you settle into campus life. You will also have the opportunity to bond with your peers, regardless of their future area of study. You will also be able to attend a wide range of student development programmes such as Image Enhancement Workshops, Musical & Arts Appreciation, and Overseas Adventure Camps, amongst many others.

Get the best of engineering with our exclusive Engineering Common Programme!

[^] The outcome of your choice will depend on your academic results and the number of vacancies.

What are the Entry Requirements?

To be eligible for consideration, candidates must have the following GCE 'O' Level examinations (or equivalent) results:

Subject	'O' Level Grade
English	1-7**
Mathematics (Elementary/Additional)	1-6
Science (with Physics or Chemistry or Biology component) or Design & Technology	1-6

The aggregate computation for selection is based on grades obtained for English, Mathematics, Science or Design & Technology and two other subjects.

** Candidates with English as a second language (EL2) must have attained a minimum grade of 6.

Candidates with severe vision deficiency should not apply for the course. Those with colour appreciation deficiency may be considered, subject to an in-house test.



How to apply

An example

Chuan Meng : Hey Samantha, I'm applying to study Electronic & Computer Engineering at Ngee Ann Polytechnic. How about you?

Samantha : I'm keen on Engineering too, but am not sure which course is best for me.

Chuan Meng : Then you should apply for the Engineering Common Programme (ECP) at Ngee Ann where you'll take a broad range of Engineering modules in the first semester, and then decide which area to pursue after that.

Samantha : Wow! Sounds cool! How do I apply for it?

Chuan Meng : During the Joint Admissions Exercise, just indicate the course code N71-Engineering Common Programme as your First Choice. Then you can decide after one year which course you want to take.

If you opt for N71 as your First Choice, be sure to add a specific Ngee Ann Polytechnic engineering course as your Second Choice, so as to enhance your chance of being posted to your desired engineering course here.

Choice of Courses

- 1st Choice : N71 – Engineering Common Programme
- 2nd Choice : N65 – Aerospace Technology
- 3rd choice : N50 – Mechatronic Engineering
- 4th choice : N44 – Electronic and Computer Engineering
- 5th choice :
- 6th choice :
- 7th choice :
- 8th choice :
- 9th choice :
- 10th choice :
- etc..

* Student can fill up to 12 choices in the JAE application.

CONTACT US

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School of Engineering
Dr Ho Siong Lin
Tel: 6 460 8205
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Join Us

If you took the 2007 GCE 'O' Level examinations as a school candidate, you may apply on-line through the Joint Admissions Exercise (JAE). Details will be available in the JAE information booklet which you will receive when collecting your results.

Applicants who are not eligible to apply under the JAE and holders of other qualifications may refer to our website at <http://www.np.edu.sg/aa/info.html> for application details.

Fees

S\$2,100 per academic year (for local students)