

## Course and Entry Requirements For Nitec Graduates

Applicable to Nitec graduates attaining the following ITE qualifications:

- Nitec in Machine Building Technology
- Nitec in Machine Technology

To be eligible for consideration for admission to the various polytechnic courses, you must achieve the minimum **NET** Grade Point Average (GPA) (including CCA bonus points) in your Nitec course for the different polytechnic course durations as shown in **Table 1** below.

Some polytechnic courses also have additional prerequisites, in addition to the course entry requirements. You must fulfil the additional prerequisites to be considered for the relevant courses. Please refer to the footnotes, if any, for the additional prerequisites.

The JPAE GPA Band in the table(s) below shows the GPA band in which the average (for the last 3 consecutive years) NET GPA of the lowest ranked students who was posted to these courses falls in. These bands are meant as a reference for applicants applying to these courses, and do not constitute the admission GPA for subsequent admission exercises.

If a polytechnic course is newly offered under JPAE **or** a polytechnic course has no ITE intake for the last 3 consecutive years, the JPAE GPA Band is denoted as “-”.

Applying for S&T courses listed in the table(s) below may award you 0.1 BM bonus points to your GPA. Refer to "Before You Apply" page for the eligibility criteria.

Admission into the courses of your choice is based on merit and subject to the availability of vacancies.

**Table 1 - Eligibility Criteria For Admission To Polytechnic Courses**

Polytechnic Course	Offered By	Course Code	Course Group	2.0 Years		2.5 Years		3.0 Years		Refer to footnote
				Min GPA	Average JPAE GPA Band	Min GPA	Average JPAE GPA Band	Min GPA	Average JPAE GPA Band	
Advanced & Digital Manufacturing	NYP	C62	S&T	-	-	-	-	3.5	3.800 to 3.899	
Aeronautical Engineering	SP	S88	S&T	-	-	-	-	3.5	3.900 to 4.000	s1
Aerospace Engineering	NYP	C26	S&T	-	-	-	-	3.5	-	c1
Aerospace Engineering	RP	R40	S&T	-	-	-	-	3.5	3.800 to 3.899	r1, r3, r5, r8
Aerospace Engineering	TP	T51	S&T	-	-	-	-	3.5	3.900 to 4.000	t2, t3, t4, t7
Applied AI & Analytics	RP	R13	S&T	-	-	-	-	3.5	3.700 to 3.799	

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Aviation Management	RP	R39	S&T	-	-	-	-	3.5	3.900 to 4.000	
Business Process & Engineering Management	RP	R11	S&T	-	-	-	-	3.5	3.700 to 3.799	
Common Engineering Programme	NYP	C42	S&T	-	-	-	-	3.5	3.800 to 3.899	c9
Common Engineering Programme	NP	N71	S&T	-	-	-	-	3.5	3.600 to 3.699	n1, n2, n4
Common Engineering Programme	RP	R42	S&T	-	-	-	-	3.5	3.500 to 3.599	r8
Common Engineering Programme	SP	S40	S&T	-	-	-	-	3.5	3.800 to 3.899	
Common Engineering Programme	TP	T56	S&T	-	-	-	-	3.5	3.700 to 3.799	t6
Common ICT Programme	RP	R58	S&T	-	-	-	-	3.5	3.600 to 3.699	
Cybersecurity & Digital Forensics	RP	R55	S&T	-	-	-	-	3.5	3.800 to 3.899	
Electrical & Electronic Engineering	RP	R50	S&T	-	-	-	-	3.5	3.500 to 3.599	r8
Electronic & Computer Engineering	NYP	C89	S&T	-	-	-	-	3.5	3.900 to 4.000	c2
Engineering	RP	R56	S&T	-	-	-	-	3.5	3.600 to 3.699	
Enterprise Cloud Computing & Management	RP	R12	S&T	-	-	-	-	3.5	3.700 to 3.799	
Financial Technology	RP	R18	S&T	-	-	-	-	3.5	3.800 to 3.899	
Information Technology	RP	R47	S&T	-	-	-	-	3.5	3.600 to 3.699	r11

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Integrated Community Care	RP	R45	Non S&T	-	-	-	-	3.5	3.800 to 3.899	r1, r3, r5
Mechanical Engineering	NP	N41	S&T	-	-	-	-	3.5	3.700 to 3.799	n1, n4, n5
Mechanical Engineering	SP	S91	S&T	-	-	-	-	3.5	3.800 to 3.899	s2
Mechatronics	TP	T66	S&T	-	-	-	-	3.5	3.900 to 4.000	t1, t3, t4, t7
Mechatronics & Robotics	NP	N50	S&T	-	-	-	-	3.5	3.800 to 3.899	n1, n2, n4, n5
Mechatronics & Robotics	SP	S73	S&T	-	-	-	-	3.5	3.900 to 4.000	s2
Mobility & Robotic Systems	RP	R54	S&T	-	-	-	-	3.5	3.500 to 3.599	
Outdoor Education	RP	R33	Non S&T	-	-	-	-	3.5	3.800 to 3.899	r2, r4
Robotics & Mechatronics	NYP	C87	S&T	-	-	-	-	3.5	3.900 to 4.000	c2
Sonic Arts	RP	R24	Non S&T	-	-	-	-	3.5	3.900 to 4.000	r3
Sports & Health	RP	R43	Non S&T	-	-	-	-	3.5	3.800 to 3.899	r1, r3, r5
Supply Chain Management	RP	R21	S&T	-	-	-	-	3.5	3.700 to 3.799	
Sustainable Built Environment	RP	R61	S&T	-	-	-	-	3.5	3.600 to 3.699	

## **Footnotes:**

### **c1**

Applicants with colour vision deficiency, hearing and/or other physical impairment may encounter difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Nanyang Polytechnic for more information.

### **c2**

Applicants with colour vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with this condition are highly encouraged to contact Nanyang Polytechnic for more information.

### **c3**

Application for 2.5 years nursing course is in Mar 2025 and the course commencement date is in Oct 2025.

Applicants applying for 2.5 years Nursing course (C97) using HNITEC in Paramedics & Emergency Care (IT62) or HNITEC in Elder Care (IT79) must also have a NITEC in Nursing.

### **c4**

Course commencement date for 2 and 3 years nursing course is in April 2025.

Applicants applying for 2 years Nursing course (C97) using HNITEC in Paramedics & Emergency Care (IT62) or HNITEC in Elder Care (IT79) must also have a NITEC in Nursing.

### **c5**

Applicants with colour vision deficiency will be required to attend an interview to determine their suitability for admission to the course.

### **c6**

All Higher Nitec graduates applying for Direct Entry to Year 2 must have passed ITE Bridging Mathematics programme (BM1) or obtained at least a C6 grade in GCE 'O' level Mathematics.

### **c7**

All prospective healthcare students must be fully vaccinated against COVID-19 with a vaccine regime recognised in Singapore. Those who are medically-ineligible will be subject to prevailing MOH and healthcare institutions' guidelines. Those who are medically eligible and choose to remain unvaccinated may not be able to access the healthcare and community care settings to complete their clinical posting and meet the clinical training requirement necessary for graduation. All applicants for the Diploma in Nursing have to pass a medical examination and be certified to be able to perform patient care activities in a safe and effective manner in accordance to the Singapore Nursing Board's Fitness to Practice Advisory.

<https://www.healthprofessionals.gov.sg/snb/registration-enrolment/application-for-registration-enrolment/local-graduates>

### **c8**

Applicants with colour vision deficiency, severe vision deficiency or hearing deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Nanyang Polytechnic for more information.

**c9**

Please note that Diploma in Infocomm & Media Engineering (DIME) is no longer a constituent diploma for Common Engineering Programme (CEP) from the AY2025 Intake. Students who are interested in DIME would not be able to progress to DIME from CEP and should apply for DIME directly.

**n1**

Applicants with severe vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.

**n2**

Applicants with colour vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.

**n3**

Applicants with hearing deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.

**n4**

Applicants with profound hearing deficiency, uncontrolled epilepsy and/or severe physical impairments may encounter difficulties meeting the course requirements and expectations. Interested applicants with any of these conditions are advised to contact Ngee Ann Polytechnic for more information.

**n5**

Applicants with the following Higher NITEC certificates with a GPA of > 3.5 applying for the respective courses may be granted direct entry to the 2nd year of a 3-year course provided that they pass Bridging Maths 1 at ITE or obtain at least a C6 grade in GCE 'O' level Mathematics.

- Higher NITEC in Mechanical Engineering, Higher NITEC in Mechatronics Engineering applying for Mechanical Engineering (N41), Mechatronics and Robotics (N50).
- Higher NITEC in Electro-Mechanical Engineering, Higher NITEC in Mechatronics Engineering, Higher NITEC in Electrical Engineering, Higher NITEC in Electronics Engineering applying for Electronic & Computer Engineering (N44), Electrical Engineering (N43).
- Higher NITEC in Aerospace Engineering applying for mechanical option of the Aerospace Engineering (N65). This option is available only after admission.
- Higher NITEC in Marine & Offshore Technology, Higher NITEC in Marine Offshore Engineering, Higher NITEC in Offshore & Marine Engineering Design, Higher NITEC in Marine Engineering applying for Offshore & Sustainable Engineering (N42).

**n6**

Applicants applying for Nursing (N69) from the NITEC in Nursing, Higher NITEC in Paramedic & Emergency Care (+ NITEC in Nursing), Higher NITEC in Elder Care with GPA of 3.5 will be granted entry to 2nd year with exemption of Year 1.

Applicants applying for Nursing (N69) from the NITEC in Nursing with GPA 3.0 to less than 3.5, Higher NITEC in Paramedic & Emergency Care (+ NITEC in Nursing), Higher NITEC in Elder Care with GPA 2.0 to less than 3.5 will be granted entry to first year with exemption of first 6 months in Year 1 (Course commences in Semester 2).

Applicants applying for Nursing (N69) from the Higher NITEC in Biotechnology, Higher NITEC in Paramedic & Emergency Care (without NITEC in Nursing) must have minimum GPA 3.0.

**n7**

Applicants applying for Nursing (N69), Early Childhood Development & Education (N96) or Tamil Studies with Early Education (N95), have to pass a medical examination and must be free from physical handicap.

- Applicants applying for Nursing (N69) must be fully vaccinated against COVID-19 with a vaccine regime recognised in Singapore. Those who are medically-ineligible will be subject to prevailing MOH and healthcare institutions' policies. Those who are medically eligible and choose to remain unvaccinated may not be able to access the healthcare and community care settings to complete their clinical posting and meet the clinical training requirement necessary for graduation. All applicants for the Diploma in Nursing have to pass a medical examination and be certified to be able to perform patient care activities in a safe and effective manner in accordance to the Singapore Nursing Board's Fitness to Practice Advisory. <https://www.healthprofessionals.gov.sg/snb/registration-enrolment/application-for-registration-enrolment/local-graduates>
- Applicants applying for Early Childhood Development & Education (N96) or Tamil Studies with Early Education (N95), have to pass a pre-admission medical examination to enter the course. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children. More details on the medical examination can be found at [bit.ly/NIECmedical](http://bit.ly/NIECmedical).

**n8**

Applicants with severe physical impairments applying for Diploma in Optometry (N83) may encounter difficulties meeting the course requirements and expectations. Please refer to the Optometrists & Opticians Board (OOB) Professional Practice Code and Guidelines on "Fitness to Practice" for guidance. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.

**n9**

Applicants applying for Real Estate Business (N48) or Hotel & Leisure Facilities Management (N40) from the Higher NITEC in Facility Management will be granted module exemption for Fire Safety Management module provided they are issued with the Fire Safety Manager Certificate.

**n10**

Applicants holding Higher NITEC certificate applying for Early Childhood Development & Education (N96) or Tamil Studies with Early Education (N95) must obtain at least a C6 grade in English Language (EL1) in the GCE 'O' Level examinations. In addition, applicants applying for (N95) must also obtain a minimum B4 in Higher Tamil or minimum B3 in Tamil in the GCE 'O' Level examinations. Applicants admitted to N96 or N95 and who are keen to register as pre-school teachers after graduation must ensure that they obtain a minimum of B4 in their GCE 'O' Level English Language (English as a First Language) or any of the English Language Acceptable Alternatives (ELAA). Applicants who do not meet the English Language requirement must ensure that they do so within 2 years of their registration as pre-school teachers. The diploma is awarded by the National Institute of Early Childhood Development in collaboration with Ngee Ann Polytechnic.

**r1**

It should be noted that candidates with visual impairment may encounter difficulties meeting the course requirements and expectations. Applicants with mild visual impairment who are interested to apply for the following Diploma Programmes may be assessed on a case-by-case basis to determine their suitability for the programmes.

**r2**

Applicants should be confident in water while wearing personal flotation devices. This is because the course includes participation in water-based activities. For more clarifications and information, please check directly with Republic Polytechnic.

**r3**

It should be noted that candidates with colour appreciation deficiency, profound hearing loss, uncontrolled epilepsy and/or physical impairments may encounter difficulties meeting the course requirements and expectations. For more clarifications and information, please check directly with Republic Polytechnic.

**r4**

In line with industry requirements, applicants who are interested in applying for the Diploma in Outdoor Education (R33) should ensure that they do not have profound mobility, hearing, and visual impairments, as well as neurodiversity such as autism spectrum disorder. They should not have any chronic health conditions such as asthma, epilepsy, skin disorder, high blood pressure, heart problems and schizophrenia. For more clarifications and information, please check directly with Republic Polytechnic.

**r5**

It should be noted that students with mobility challenges may encounter difficulties meeting the course requirements and expectations. For further clarification and information, please check directly with Republic Polytechnic.

**r6**

It should be noted that applicants with hearing impairment may encounter difficulties meeting the course requirements and expectations, and may be assessed on a case-by-case basis to determine their suitability for the programme. For more clarifications and information, please check directly with Republic Polytechnic.

**r7**

Students admitted to the Common Business Programme (R57) must ensure that they satisfy the requirements of the respective diplomas, before they can be streamed to the respective courses.

**r8**

Applicants with mild colour vision deficiency may be assessed on a case-by-case basis to determine their suitability for the courses.

**r9**

Students admitted to the Common Sports and Health Programme (R63) must ensure that they satisfy the requirements of the respective diplomas before they can be streamed to the respective courses. Students opting to stream into the Diploma in Outdoor Education (R33) are required to pass a stipulated discipline module and/or a general module for the diploma in lieu of fully meeting their minimum entry requirements.

**r10**

Students admitted to the Common Arts, Media and Design Programme (R65) must ensure that they satisfy the requirements of the respective diplomas before they can be streamed to the respective courses. Those opting to stream into the Diploma in Design (R67) or the Diploma in Sonic Arts (R24) are required to pass the introductory elective module for the diploma in lieu of fully meeting their minimum entry requirements.

**r11**

Applicants with severe colour vision deficiency may encounter difficulties in some modules with high reliance on colour usage. Such candidates may be required to attend an interview to determine their suitability for admission to the course. For more clarifications and information, please check directly with Republic Polytechnic.

**r12**

Applicants with GPA 3.5 or more and passed the Bridging Maths 1 (BM1) programme or have obtained at least a C6 grade in GCE 'O' Level Mathematics, may be admitted to the 2nd year of the course.

**s1**

Applicants should not be suffering from severe vision deficiency (including colour vision), acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

**s2**

Applicants should not be suffering from severe vision deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

**s3**

Applicants who have colour vision deficiency, and wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), may encounter difficulties meeting the course requirements and expectations. This condition is required by the Energy Market Authority (EMA) of Singapore. In addition, applicants should not be suffering from severe vision deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

**s4**

All candidates must pass the colour vision test as per The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).

**s5**

Applicants with severe physical impairment may encounter difficulties meeting the course requirements and expectations. Please refer to the Optometrists & Opticians Board (OOB) Professional Practice Code and Guidelines on "Fitness to Practice" for guidance. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.

**s6**

Applicants with GPA of 3.5 or more and passed the Bridging Maths 1 (BM1) programme, or have obtained at least C6 grade in GCE 'O' Level Mathematics, may be admitted to the 2nd year of the course.

**t1**

Applicants with severe colour vision deficiency may have difficulties meeting the course requirements and expectations. Interested applicants with severe colour vision deficiency are highly encouraged to contact Temasek Polytechnic for more information.

**t2**

Applicants with mild or severe colour vision deficiency may have difficulties meeting the course requirements and expectations. Interested applicants with mild or severe colour vision deficiency are highly encouraged to contact Temasek Polytechnic for more information.



**t3**

Applicants with uncontrolled epilepsy or profound hearing loss may have difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Temasek Polytechnic for more information.

**t4**

Applicants with severe visual impairment may have difficulties meeting the course requirements and expectations. Interested applicants with severe visual impairment are highly encouraged to contact Temasek Polytechnic for more information.

**t5**

Applicants applying for the Diploma in Early Childhood Development & Education [T68] have to pass a pre-admission medical examination to enter the course. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children.

**t6**

The first year in T56 (Common Engineering Programme) is common to all students and they will opt for and stream to one of the following 7 diplomas. Students must ensure that they satisfy the requirements as stated in the footnotes under the respective courses.

At the end of Semester 1.1

- Diploma in Aerospace Electronics (Refer to footnote t2, t3, t4, t7)
- Diploma in Aerospace Engineering (Refer to footnote t2, t3, t4, t7)
- Diploma in Business Process & Systems Engineering (Refer to footnote t1, t4)

At the end of Semester 1.2

- Diploma in Biomedical Engineering (Refer to footnote t1, t3, t4, t7)
- Diploma in Computer Engineering (Refer to footnote t1, t3, t4, t7)
- Diploma in Electronics (Refer to footnote t1, t3, t4, t7)
- Diploma in Mechatronics (Refer to footnote t1, t3, t4, t7)

**t7**

Applicants with physical impairment or are physically dependent on mobility equipment may have difficulties meeting the course requirements and expectations. Applicants with impaired or limited motor functions may be assessed on a case-by-case basis to determine their suitability for the course. Interested applicants with physical impairment are highly encouraged to contact Temasek Polytechnic for more information.

**t8**

Applicants with GPA of 3.5 or more and passed the Bridging Maths 1 (BM1) programme or have obtained at least a C6 grade in GCE 'O' Level Mathematics, may be admitted to the 2nd year of the course.

**t9**

The first year in T01 (Common Business Programme) is common to all students and they will opt for and stream to one of the following 7 diplomas. Students must ensure that they satisfy the requirements as stated in the footnotes under the respective courses.

At the end of Semester 1.1

- Diploma in Culinary & Catering Management (Refer to footnote t3, t4)

At the end of Semester 1.2

- Diploma in Accountancy & Finance
- Diploma in Business
- Diploma in Hospitality & Tourism Management
- Diploma in International Trade & Logistics (Refer to footnote t3, t4)
- Diploma in Law & Management (Refer to footnote t10)
- Diploma in Marketing

**t10**

Applicants applying for T09 (Diploma in Law & Management) or T40 (Diploma in Communications & Media Management) must obtain at least a B4 grade in English Language (EL1) in the GCE 'O' Level examination.

**t11**

The first year in T63 (Common ICT Programme) is common to all students and they will opt for one of the following diplomas at the end of Semester 2. Students must ensure that they satisfy the requirements as stated in the footnotes under the respective courses.

- Diploma in Applied Artificial Intelligence (Refer to footnote t4)
- Diploma in Big Data & Analytics (Refer to footnote t4)
- Diploma in Cybersecurity & Digital Forensics (Refer to footnote t4)
- Diploma in Immersive Media & Game Development (Refer to footnote t4)
- Diploma in Information Technology (Refer to footnote t4)

**t12**

This diploma is awarded by the National Institute of Early Childhood Development in collaboration with Temasek Polytechnic.

**t13**

All applicants with Higher Nitec certificate applying for T68 (Diploma in Early Childhood Development & Education) must obtain at least a C6 grade in English Language (EL1) in the GCE 'O' Level examination. Applicants admitted to the Diploma in Early Childhood Development & Education [T68] and are keen to register to be certified by the Early Childhood Development Agency (ECDA) as an L2 English Language Preschool Teacher (deployable to teach up to kindergarten level) after graduation must obtain a minimum of B4 in their GCE O-Level English Language (EL1) or an English Language Acceptable Alternatives (ELAA). Applicants who do not meet the English Language requirement would be given up to 2 years from their registration as pre-school teachers to do so.

**t14**

The first year in T70 (Common Science Programme) is common to all students. Students will opt for and be streamed to one of the following diplomas at the end of the Semester 2. Students must ensure that they satisfy the requirements as stated in the footnotes under the respective courses.

- Diploma in Chemical Engineering (Refer to footnote t1, t4)
- Diploma in Food, Nutrition & Culinary Science (Refer to footnote t1, t4)
- Diploma in Medical Biotechnology (Refer to footnote t1, t4)
- Diploma in Pharmaceutical Science (Refer to footnote t1, t4)
- Diploma in Veterinary Technology (Refer to footnote t1, t4)

**t15**

The first year in T71 (Common Design Programme) is common to all students. Students will opt for and be streamed to one of the following diplomas at the end of Semester 1.1. Students must ensure that they satisfy the requirements as stated in the footnotes under the respective courses.

- Diploma in Communication Design (Refer to footnote t2, t4)
- Diploma in Digital Film and Television (Refer to footnote t2, t4)
- Diploma in Fashion Management & Design (Refer to footnotes t2, t4)
- Diploma in Interior Architecture & Design (Refer to footnote t2, t4)
- Diploma in Product Experience & Design (Refer to footnote t2, t3, t4)