

COURSES AND ENTRY REQUIREMENTS FOR ITE HIGHER NITEC/INDUSTRIAL TECHNICIAN CERTIFICATE HOLDERS

All eligible Higher NITEC/ITC/CBS holders must have a minimum GPA of 2.0. Admission is based on academic merit and subject to vacancies available.

ITE Qualification	Courses Offered By The Polytechnics	Offered By	Course Code	Duration (Years)	
				GPA ≥ 3.5	2 ≤ GPA < 3.5
Higher NITEC/ Industrial Technician Certificate Electro-Mechanical Engineering IT21	Aeronautical Engineering ⚡ & ^	SP	S88	2	3
	Aerospace Avionics	RP	R20	3	3
	Aerospace Electronics ⚡ ^	SP	S90	3	3
	Aerospace Electronics @+ ⚡	NP	N75	3 ⚡	3
	Aerospace Engineering (Quality Systems)	RP	R40	3	3
	Aerospace Technology @+ ⚡	NP	N65	3 ⚡	3
	Biomedical Electronics	RP	R15	3	3
	Bioengineering ⚡ &	SP	S58	2	3
	Biotechnology	RP	R16	3	3
	Business Applications	RP	R18	3	3
	Business Information Systems	RP	R13	3	3
	Civil Aviation	RP	R39	3	3
	Clean Energy ⚡ ^	SP	S45	3	3
	Clean Energy Management @ +	NP	N84	2	3
	Common Engineering Programme	RP	R42	3	3
	Computer Engineering ♦	SP	S53	2	3
	Cyber & Digital Security ⚡ ⊕	TP	T15	3	3
	Design for Interactivity	RP	R36	3	3
	Digital Animation	SP	S35	3	3
	Digital Entertainment Electronics	RP	R38	3	3
	Digital Media	SP	S57	3	3
	Electrical Engineering @+	NP	N43	2	3
	Electrical & Electronic Engineering ^	SP	S99	2	3
	Electronic & Computer Engineering @+	NP	N44	2	3
	Engineering with Business	SP	S42	3	3
	Environmental Science	RP	R29	3	3
	Financial Business Informatics ⚡ ⊕	TP	T17	3	3
	Financial Informatics +	NP	N81	3	3
	Games Design	RP	R35	3	3
	Game & Entertainment Technology ⚡ ⊕	TP	T16	3	3
Health Management and Promotion	RP	R43	3	3	

Notes :

- ⚡ Applicants must attain a minimum GPA of 3.0 points.
- ⚡ Admission will be to the 3-year programmes with module exemptions for relevant modules in which an applicant has scored at least a 'C' grade in the ITE examinations. Module exemptions will be at the discretion of the Polytechnic.
- @ Applicants applying for these courses must ensure that they do not suffer from colour appreciation deficiency. For N40, N43, N44, N50, N55, N74 and N76, applicants with colour appreciation deficiency may be considered subject to an in-house test.
- + Applicants with severe vision deficiency should not apply for these courses.
- ⚡ Applicants must ensure that they do not suffer from hearing deficiency.
- ^ Applicants applying for these courses must ensure that they do not suffer from partial or complete colour appreciation deficiency.
- ♦ Applicants who are suffering from impairments must be prepared to appear for interviews and to undergo any manual dexterity or aptitude tests.
- & Applicants must ensure they do not suffer from medical conditions such as epilepsy. In the interest general safety, admission of these applicants to a particular course is at the discretion of the Polytechnic.
- ⊕ Applicants applying for these courses must ensure that they do not suffer from complete colour appreciation deficiency. Applicants with partial colour appreciation deficiency may apply. Applicants who do not satisfy the pre-requisite may lead to non-acceptance to the course of study.
- ⊕ Applicants applying for these courses must ensure that they do not suffer from colour appreciation deficiency. Applicants who do not satisfy the pre-requisite may lead to non-acceptance to the course of study

TP – Subject Exemption

Applicants with good grades in the relevant subjects at their ITE Higher Nitec qualification may apply and be granted subject exemption on a subject by subject basis. This is only applicable to applicants who have already accepted the course offered and enrolled at the polytechnic.

Eligible students seeking exemptions may refer to school website or consult the school advisors or Course Manager for application details during orientation.

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				GPA ≥ 3.5	2 < GPA < 3.5
Higher NITEC/ Industrial Technician Certificate Electro-Mechanical Engineering IT21	Industrial and Operations Management	RP	R11	3	3
	Infocomm Security Management	SP	S54	3	3
	Information Technology +	NP	N54	3	3
	Information Technology	RP	R12	3	3
	Information Technology	SP	S69	3	3
	Information Technology ◊Ⓣ	TP	T30	3	3
	IT Service Management	RP	R23	3	3
	Integrated Events & Project Management	SP	S50	3	3
	Interactive and Digital Media	RP	R31	3	3
	Interactive Media Informatics ◊Ⓣ	TP	T34	3	3
	Leisure & Business Facilities Management @Ⓢ+	NP	N40	3	3
	Marine & Offshore Technology Ⓢ+	NP	N42	3Ⓢ	3
	Marine Engineering ^ &	SP	S63	3	3
	Maritime Business	SP	S74	3	3
	Materials Science	RP	R17	3	3
	Mechanical Engineering Ⓢ+	NP	N41	3Ⓢ	3
	Mechanical Engineering Ⓢ &	SP	S91	2	3
	Mechatronic Engineering @Ⓢ+	NP	N50	3Ⓢ	3
	Mechatronics and Robotics Ⓢ & ^	SP	S73	2	3
Micro and Nanotechnology	RP	R30	3	3	
Mobile & Network Services◊Ⓣ	TP	T42	3	3	
Multimedia & Animation @Ⓢ+	NP	N55	3	3	

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- + Applicants with severe vision deficiency should not apply for these courses.
- Ⓢ Applicants must ensure that they do not suffer from hearing deficiency.
- ^ Applicants applying for these courses must ensure that they do not suffer from partial or complete colour appreciation deficiency.
- α Applicants granted direct entry to Year 2 of the Marine & Offshore Technology course (N42) are required to take a Year 1 module, Navel Architecture 1.
- ~ Applicants with GPA>=3.5 who have successfully completed the Cisco Certified Network Associate (CCNA) course at ITE or the local secondary schools will be granted exemption for relevant modules if they pass a practical test on a module that is equivalent to their highest completed CCNA module.
- Admission to the 3-year programmes with module exemptions for relevant modules will be granted to applicants with GPA from 3.0 to less than 3.5. Applicants may complete the 3-year programmes in 2.5 year.
- ① Applicants applying for these courses must ensure that they do not suffer from complete colour appreciation deficiency. Applicants with partial colour appreciation deficiency may apply. Applicants who do not satisfy the pre-requisite may lead to non-acceptance to the course of study.
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- ③ For safety reasons, applicants applying for these courses must ensure that they do not suffer from medical conditions such as epilepsy or hearing impairment.
- Applicants with colour appreciation deficiency will be required to attend an interview to determine their suitability for admission to the course.

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Higher NITEC/ Industrial Technician Certificate Electro-Mechanical Engineering IT21	Network Systems & Security @~+	NP	N64	3 [⊖]	-
	New Media	RP	R19	3	3
	Outdoor and Adventure Learning	RP	R33	3	3
	Product & Industrial Design [⊖] @ [Ⓜ]	TP	T35	3	3
	Product Design & Innovation +	NP	N68	3 [⊖]	3
	Renewable Energy Engineering	RP	R41	3	3
	Sonic Arts	RP	R24	3	3
	Sports and Exercise Sciences	RP	R26	3	3
	Sports and Leisure Management	RP	R27	3	3
	Supply Chain Management	RP	R21	3	3
	Technology and Arts Management	RP	R25	3	3
	Visual Effects and Motion Graphics ■	SP	S39	3	3

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