

## COURSES AND ENTRY REQUIREMENTS FOR ITE-ITC/ HIGHER NITEC HOLDERS

To be eligible for consideration for admission to the various courses in the polytechnics, applicants must obtain the minimum GPA (inclusive of CCA bonus points) as stated in the table below. Admission is based on academic merit and subject to vacancies available.

ITE Qualification	Courses Offered By The Polytechnics	Offered By	Course Code	Min GPA for Entry to		Refer to footnote
				Year 1	Year 2	
ITE-ITC/ Higher NITEC Electro-Mechanical Engineering IT21	Aeronautical Engineering	SP	S88	2.0	3.5	s3, s4
	Aeronautical & Aerospace Technology	NYP	C51	2.5	3.5	c1
	Aerospace Avionics	RP	R20	2.0	-	
	Aerospace Electronics	SP	S90	2.0	-	s3, s4
	Aerospace Electronics	NP	N75	2.0	-	n1, n2, n3, n4
	Aerospace Engineering	RP	R40	2.0	-	
	Aerospace Technology	NP	N65	2.0	-	n1, n2, n3, n4
	Automation & Mechatronic Systems	NP	N50	2.0	-	n1, n2, n3, n4
	Biomedical Electronics	RP	R15	2.0	-	
	Biomedical Engineering	NYP	C71	2.5	3.5	
	Bioengineering	SP	S58	2.0	3.5	s2, s4
	Business Applications	RP	R18	2.0	-	
	Business Information Systems	RP	R13	2.0	-	
	Business Intelligence & Analytics	TP	T57	2.5	-	t1
	Civil Aviation	RP	R39	2.0	-	
	Clean Energy	SP	S45	2.0	-	s3
	Clean Energy Management	NP	N84	2.0	-	n1, n2, n3
	Common Engineering Programme	RP	R42	3.0	-	r1
	Computer Engineering	SP	S53	2.0	3.5	s5
	Cyber & Digital Security	TP	T15	2.5	-	t1
	Digital Forensics	TP	T55	2.5	-	t1
	Digital Entertainment Electronics	RP	R38	2.0	-	
	Electrical Engineering	NP	N43	2.0	3.5	n1, n2
	Electrical & Electronic Engineering	SP	S99	2.0	3.5	s1
	Electronic & Computer Engineering	NP	N44	2.0	3.5	n1, n2
	Engineering with Business	SP	S42	2.0	-	
	Environmental Science	RP	R29	2.0	-	
	Financial Business Informatics	TP	T17	2.5	-	
	Financial Informatics	NP	N81	2.0	-	n1
	Game & Entertainment Technology	TP	T16	2.5	-	t1
	Health Management and Promotion	RP	R43	2.0	-	
	Healthcare Administration	RP	R45	2.0	-	
	Hotel & Leisure Facilities Management	NP	N40	2.0	-	n1, n2, n3
	Industrial and Operations Management	RP	R11	2.0	-	
	Information Technology	NP	N54	2.0	-	n1
	Information Technology	RP	R12	2.0	-	
	Information Technology	TP	T30	2.5	-	
	Integrated Events & Project Management	SP	S50	2.0	-	
	Interactive and Digital Media	RP	R31	2.0	-	
	Interactive Media	SP	S57	2.0	-	
	Interactive Media Informatics	TP	T34	2.5	-	t2
	IT Service Management	RP	R23	2.0	-	
Manufacturing Engineering	NYP	C88	2.5	3.5		
Marine & Offshore Technology	NP	N42	2.0	-	n1, n3, n4	
Marine Engineering	SP	S63	2.0	-	s1, s4	
Maritime Business	SP	S74	2.0	-		
Materials Science	RP	R17	2.0	-		

ITE Qualification	Courses Offered By The Polytechnics	Offered By	Course Code	Min GPA for Entry to		Refer to footnote
				Year 1	Year 2	
ITE-ITC/ Higher NITEC Electro-Mechanical Engineering IT21	Mechanical Engineering	NP	N41	2.0	-	n1, n3, n4
	Mechanical Engineering	SP	S91	2.0	3.5	s2, s4
	Mechatronics and Robotics	SP	S73	2.0	3.5	s2, s4
	Mechatronics Engineering	NYP	C87	2.5	3.5	c2
	Mechatronics/ Aerospace Engineering	TP	T06	2.5	-	t3, t7
	Micro and Nanotechnology	RP	R30	2.0	-	
	Mobile & Network Services	TP	T42	2.5	-	t1
	Mobile Software Development	RP	R47	2.0	-	
	Nanotechnology & Materials Science	NYP	C50	2.5	3.5	
	Network Systems & Security	NP	N64	3.0	-	n1,n2, n4, n5
	Outdoor and Adventure Learning	RP	R33	2.0	-	r2
	Product & Industrial Design	TP	T35	2.5	-	t2, t3
	Product Design & Innovation	NP	N68	2.0	-	n1, n4
	Renewable Energy Engineering	RP	R41	2.0	-	
	Sports and Exercise Sciences	RP	R26	2.0	-	
	Sports and Leisure Management	RP	R27	2.0	-	
	Sports Coaching	RP	R49	2.0	-	r3
	Supply Chain Management	RP	R21	2.0	-	

**Notes :**

- c1 Applicants applying these courses must ensure that they do not suffer from either colour appreciation deficiency or hearing deficiency.  
c2 Applicants applying for these courses must ensure that they do not suffer from colour appreciation deficiency.
- n1 Applicants with severe vision deficiency should not apply for these courses.  
n2 Applicants must ensure that they do not suffer from colour appreciation deficiency. For N40, N43, N44, N50, N55, N64, N74, N76, N78, N82, N84 and N92, applicants with colour appreciation deficiency may be considered subject to an in-house test.  
n3 Applicants must ensure that they do not suffer from hearing deficiency.  
n4 For those with GPA of  $\geq 3.5$ , 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.  
n5 Applicants with GPA  $\geq 3.5$  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.
- r1 The Common Engineering Programme allows a student to take a common course of study in the first semester and will subsequently be streamed into one of the following Engineering diplomas:
- Aerospace Avionics
  - Aerospace Engineering
  - Biomedical Electronics
  - Civil Aviation
  - Digital Entertainment Electronics
  - Industrial and Operations Management
  - Micro and Nanotechnology
  - Renewable Energy Engineering
  - Supply Chain Management.
- r2 If shortlisted, applicants would be required to pass a medical examination by a certified medical general practitioner as a condition for enrolling into the course.  
r3 Students enrolled in this diploma will have to produce documentary proof of school representation in sports recognised by the Singapore Schools Sports Council or its equivalent.
- s1 Applicants must ensure that they do not suffer from colour appreciation deficiency.  
s2 Applicants must ensure that they do not suffer from hearing deficiency.  
s3 Applicants must ensure that they do not suffer from either colour appreciation deficiency or hearing deficiency.  
s4 Applicants must ensure they do not suffer from medical conditions such as epilepsy. In the interest of general safety, admission of these applicants to a particular course is at the discretion of the Polytechnic.  
s5 Applicants suffering from impairments must be prepared to appear for interviews and to undergo any manual dexterity or aptitude tests.
- t1 Applicants with complete Colour Appreciation Deficiency are not eligible to apply.  
t2 Applicants with partial or complete Colour Appreciation Deficiency are not eligible to apply.  
t3 For safety reasons, applicants applying for these courses must ensure that they do not suffer from medical conditions such as epilepsy or hearing impairment.  
t7 The first semester in the following courses is common to all students and they will opt for one of the diplomas at the end of Semester 1 or 2.  
T05 - Diploma in Aerospace Electronics, Diploma in Electronics, Diploma in Media & Communication Technology, Diploma in Computer Engineering, or Diploma in Microelectronics  
T06 - Diploma in Aerospace Engineering or Diploma in Mechatronics  
Students opting for T50 (Diploma in Aerospace Electronics) or T51 (Diploma in Aerospace Engineering) must ensure that they satisfy the requirements as stated in the footnotes under the respective courses (i.e. T50 and T51).