Understanding Post-Secondary Education Options (Secondary 4NA)

Parent Engagement Webinar
Saturday, 12 March 2022

SEEK|STRIVE|SERVE

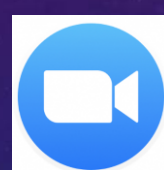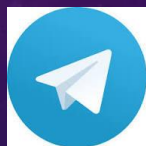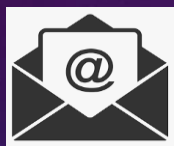# *LOOKING FOR ECG COUNSELLOR, MR CHRISTOPHER TAN?*

ECG e-Services are available by appointment from Mon to Fri (8am to 5:30pm)
Online (Google Meet) OR
Onsite (In School - Mon [HS], Tue [PHS], Wed [SSS], Thu [DSS])

Book appointment using ECG e-Service Request Online Form:
https://go.gov.sg/ecg-service-request

- *ECG e-Counselling/e-Coaching/e-Consultation Services*
  - Individual (1-to-1 session) or Small Group (2 to 3 students)
  - Online Support:
    - Email - **bookmyecgc@gmail.com** or **tan_kok_leong_b@schools.gov.sg**
    - Telegram - **https://t.me/ECGC_Mr_Tan**
    - Appointment arranged via ECG e-Service Request Online Form, Email and/or Telegram
      - Video-conferencing details will be provided via Email

- *ECG e-Workshops/Class e-Talks*
  - Video-conferencing/streaming & e-Workshop/e-Talk details will be provided via Email

ITE Nitec/3-Year Higher Nitec courses

ITE *Higher Nitec* courses

Sec 5

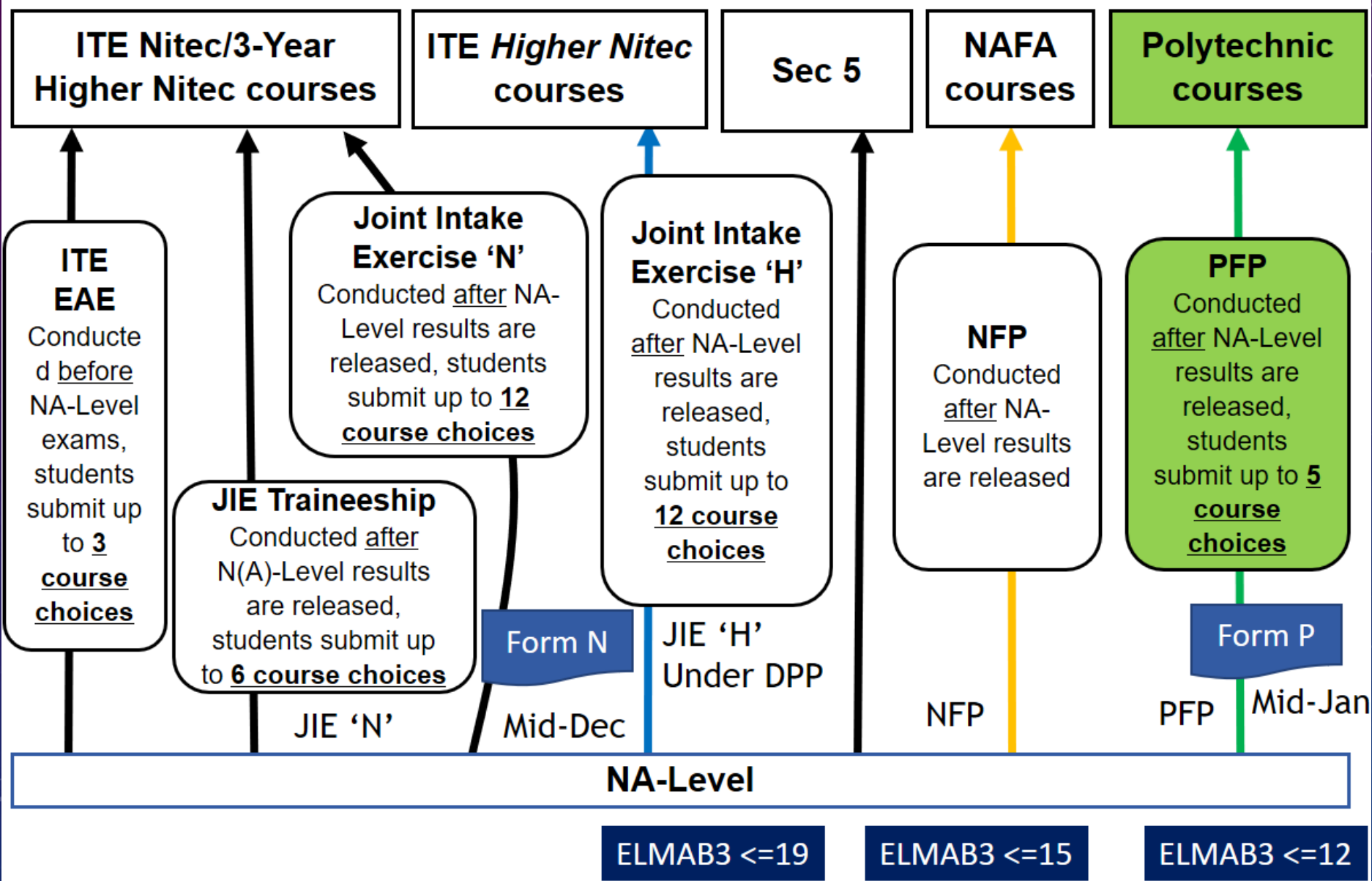**NAFA courses**

Polytechnic courses

ITE EAE
Conducted before NA-Level exams, students submit up to **3 course choices**

Joint Intake Exercise 'N'
Conducted after NA-Level results are released, students submit up to **12 course choices**

Joint Intake Exercise 'H'
Conducted after NA-Level results are released, students submit up to **12 course choices**

NFP
Conducted after NA-Level results are released

PFP
Conducted after NA-Level results are released, students submit up to **5 course choices**

JIE Traineeship
Conducted after N(A)-Level results are released, students submit up to **6 course choices**

Form N

JIE 'H'
Under DPP

Form P

JIE 'N'

Mid-Dec

NFP

PFP

Mid-Jan

NA-Level

ELMAB3 <=19

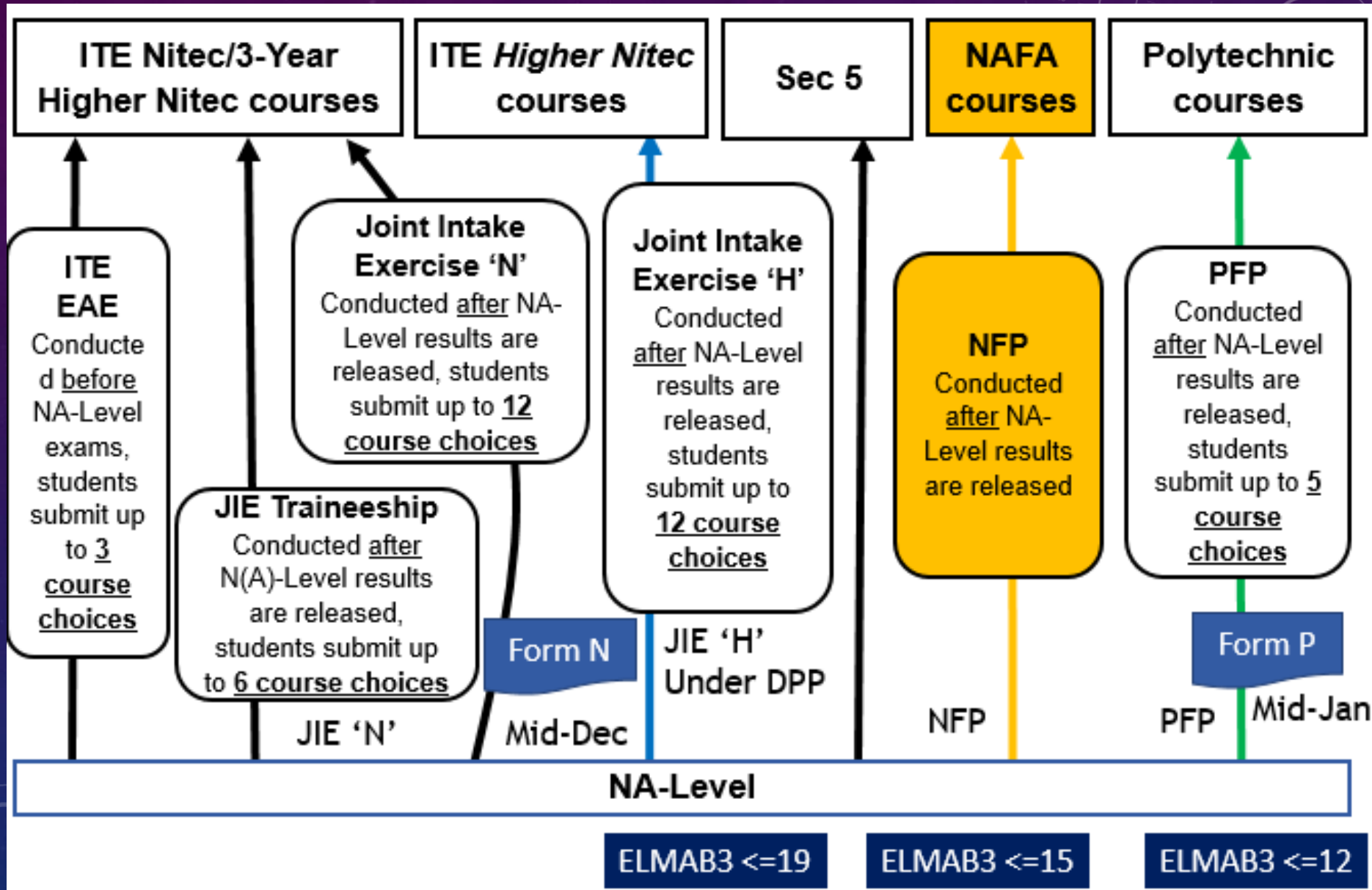ELMAB3 <=15

ELMAB3 <=12

POLY FOUNDATION PROGRAM (PFP)

POLY FOUNDATION PROGRAM (PFP)

i. **ELMAB3** (English, Mathematics, Best 3 Subjects) raw aggregate score of **12 points or better (excluding CCA bonus points)** at the GCE 'N' Level examination; and
ii. the following **subject-specific requirements**:

For Courses featured in Group 1	Minimum Required Grades
English Language Syllabus A	3
Mathematics Syllabus A / Additional Mathematics	3
One of the following relevant subjects: - Design and Technology - Food and Nutrition - Science (Chemistry, Biology) - Science (Physics, Biology) - Science (Physics, Chemistry)	3
Any two other subjects excluding CCA	3

For Courses featured in Group 2	Minimum Required Grades
English Language Syllabus A	2
Mathematics Syllabus A / Additional Mathematics	3
One of the following relevant subjects: - Art - Literature in English - History - Combined Humanities - Geography - Principles of Accounts	3
Any two other subjects excluding CCA	3

NAFA FOUNDATION PROGRAM (NFP)

NAFA FOUNDATION PROGRAM (NFP)

Secondary 4 Normal (Academic) students who attained an

ELMAB3 (English Language, Mathematics, Best 3 other subjects) aggregate score of 15 points or better,

excluding CCA Bonus Points, will be eligible to apply for the course.

In addition to meeting the educational qualification requirements, applicants must pass an **admission test or audition**, depending on their selected course of study. Applicants may be asked to attend an **interview**.

Successful applicants will be given a provisional offer of admission to the diploma courses. Upon the successful completion of the NFP, students will be offered a place in their chosen diploma course.

DIRECT-ENTRY-SCHEME TO POLYTECHNIC PROGRAMME (DPP)
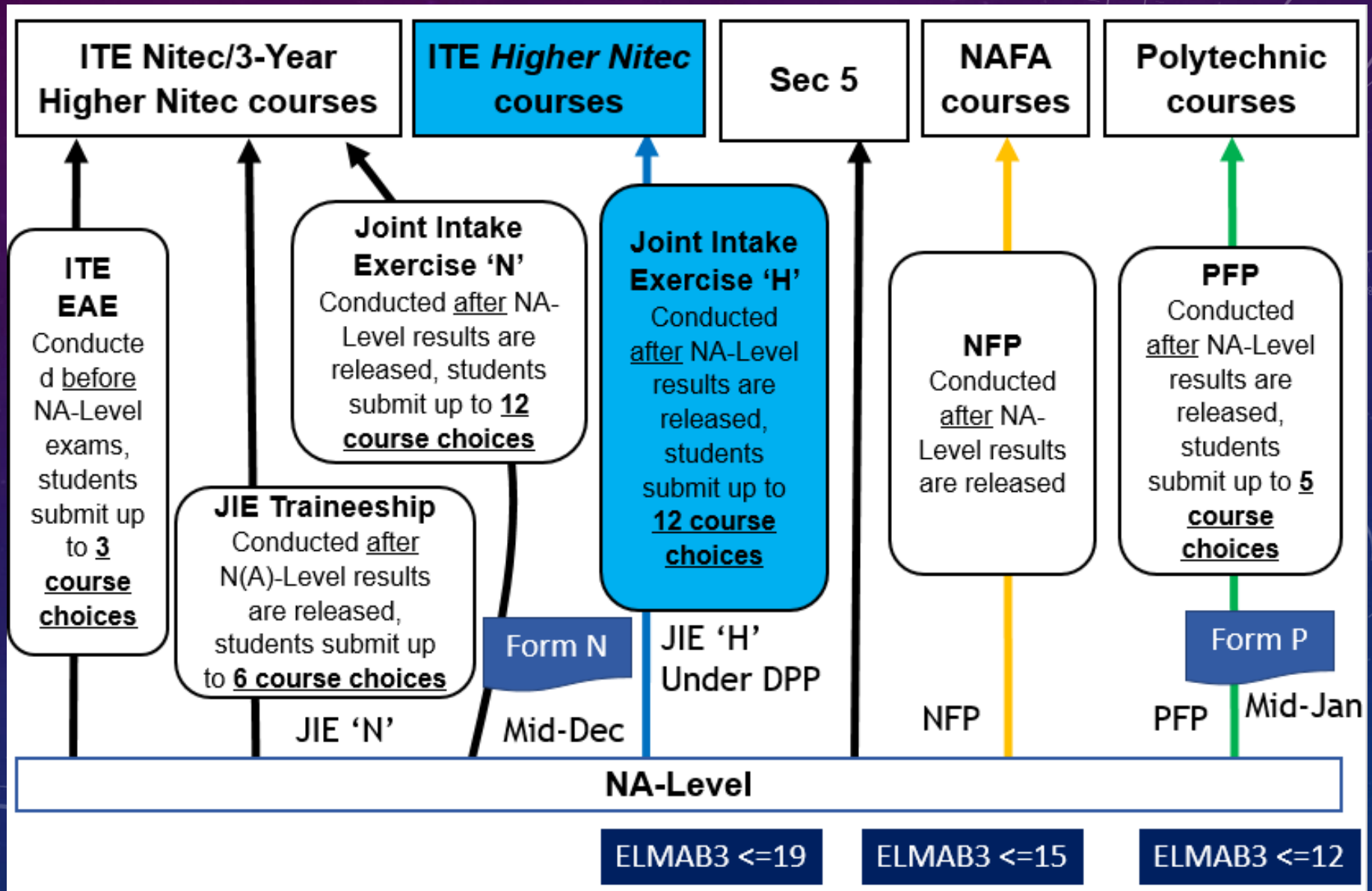
DIRECT-ENTRY-SCHEME TO POLYTECHNIC PROGRAMME (DPP)

a. Obtained an ELMAB3 aggregate of 19 points or better (excluding CCA bonus points); and

b. Met the following course-specific requirements:

For Applied Sciences, Engineering and Info-Communications Technology courses:

GCE N-Level subjects	Minimum Required Grades
English Language Syllabus A	4
Mathematics (Syllabus A/ Additional)	4
Any three other subjects excluding CCA	5

For Business & Services courses:

GCE N-Level subjects	Minimum Required Grades
English Language Syllabus A	3
Mathematics (Syllabus A/ Additional)	4
Any three other subjects excluding CCA	5

LIST OF 2-YEAR *HIGHER NITEC* WITH 10 WEEKS PREPARATORY COURSES OFFERED UNDER JANUARY 2022 JIE 'H'

S/N	2-Year *Higher Nitec* Course	Course Code	College Code
1	Accounting	FPACC	CC-AM CE-SM CW-CK
2	Business Information Systems	FPBIS	CE-SM
3	Chemical Technology	FPCHT	CE-SM
4	Civil & Structural Engineering Design	FPCSE	CE-SM
5	Cyber & Network Security	FPNST	CC-AM CE-SM CW-CK
6	Electronics Engineering	FPECE	CC-AM CE-SM CW-CK
7	Electrical Engineering	FPELE	CE-SM CW-CK
8	Event Management	FPBSE	CC-AM CE-SM
9	Financial Services	FPBNS	CC-AM
10	Games Art & Design	FPGAD	CC-AM
11	Hospitality Operations	FPHPO	CW-CK
12	IT Applications Development	FPIAD	CC-AM CE-SM CW-CK
13	IT Systems & Networks	FPISN	CC-AM CE-SM CW-CK
14	International Logistics	FPLIT	CE-SM
15	Leisure & Travel Operations	FPLTO	CW-CK
16	Mechatronics Engineering	FPMCE	CC-AM CW-CK
17	Mechanical Engineering	FPMEC	CC-AM CE-SM CW-CK
18	Service Management	FPBSC	CW-CK

18 Courses

Subset of
47
Higher Nitec
Courses

Page 77
JIE 2022
Booklet

Qualifying *Higher Nitec* GPA for Progression to Polytechnics under DPP

Courses	Progress to first-year in relevant Polytechnic Diploma course*	Progress to second-year in relevant Polytechnic Diploma course*
Applied Sciences *Higher Nitec* Courses[#]	ITE raw GPA $\geq$ **2.5 points** (excluding CCA bonus points^)	N.A.
Engineering or Info-Communications Technology *Higher Nitec* Courses[#]	ITE raw GPA $\geq$ **2.5 points** (excluding CCA bonus points^)	ITE raw GPA $\geq$ **3.5 points** (excluding CCA bonus points^)
Business & Services *Higher Nitec* Courses	ITE raw GPA $\geq$ **3.0 points** (excluding CCA bonus points^)	N.A.

[#] For *Higher Nitec* courses in Applied Sciences, Engineering or Info-Communications Technology, in addition to meeting the qualifying GPAs, students are required to take up and pass a Mathematics elective at ITE to be eligible for articulation into polytechnic courses under DPP. GCE 'N' (Academic) holders with at least a grade C in GCE 'O' Level Mathematics will be exempted from this requirement.

^ CCA grades will be used for computing the students' net GPA at ITE for selection and posting to a Polytechnic Diploma course.

* DPP students who successfully complete the *Higher Nitec* courses and attain the required minimum qualifying *Higher Nitec* Grade Point Average (GPA) scores are guaranteed a place in the 1st Year relevant polytechnic diploma courses that are mapped to their *Higher Nitec* courses. Students who meet the minimum qualifying GPA for 2nd Year entry are not guaranteed admission into Year 2 of one of the mapped courses. Admission is based on merit, subject to vacancies in the courses.

Higher Nitec DPP Course[2]	Mapped Polytechnic Courses for articulation from Higher Nitec DPP Course	Offered by	Minimum Qualifying GPA[3]	
			Year 1 Entry [4]	Year 2 Entry [5]
Engineering				
Electronics Engineering	Biomedical Engineering	NYP	2.5	-
	Electronic & Computer Engineering (Previously known as Electronic Systems)	NYP	2.5	3.5
	Engineering with Business	NYP	2.5	-
	Nanotechnology & Materials Science	NYP	2.5	-
	Electrical & Electronic Engineering	RP	2.5	3.5
	Green Building Energy Management	RP	2.5	-
	Common Engineering Programme	SP	2.5	-
	Computer Engineering	SP	2.5	3.5
	Electrical & Electronic Engineering	SP	2.5	3.5
	Biomedical Engineering	TP	2.5	-
	Clean Energy	TP	2.5	-
	Common Engineering Programme	TP	2.5	-
	Computer Engineering	TP	2.5	3.5
	Electronics	TP	2.5	3.5
	Green Building & Sustainability	TP	2.5	-
	Integrated Facility Management	TP	2.5	-
	Mechatronics	TP	2.5	3.5
Mechanical Engineering	Aerospace Engineering	NP	2.5	-
	Automation & Mechatronic Systems	NP	2.5	3.5
	Common Engineering Programme	NP	2.5	-
	Electrical Engineering	NP	2.5	-
	Electronic & Computer Engineering	NP	2.5	-
	Marine & Offshore Technology	NP	2.5	-
	Mechanical Engineering	NP	2.5	3.5
	Common Engineering Programme	NYP	2.5	-
	Engineering with Business	NYP	2.5	-

2-Year *Higher Nitec* Courses	Course Code	College Code	2021 JIE 'H' ELMAB3	Entry Requirements
Duration: 2¼ Years *(10 weeks of preparatory course followed by 2 years Higher Nitec training)*				
APPLIED SCIENCES				
Chemical Technology ②	FPCHT	CE-SM	8	A total of 19 points or less for English Language, Mathematics and 3 other subjects (ELMAB3) in the GCE 'N(A)' examinations
ENGINEERING				
Civil & Structural Engineering Design ②	FPCSE	CE-SM	10	For the ELMAB3 aggregate score, you must get:
Electrical Engineering ①②	FPELE	CE-SM	14	• Grade 1-4 in English Language
		CW-CK	14	• Grade 1-4 in Mathematics
Electronics Engineering ①②	FPECE	CC-AM	13	• Grade 1-5 in the 3 other subjects
		CE-SM	15	
		CW-CK	15	
Mechanical Engineering ②	FPMEC	CC-AM	11	
		CE-SM	14	
		CW-CK	14	
Mechatronics Engineering ①②	FPMCE	CC-AM	12	
		CW-CK	14	
INFO-COMMUNICATIONS TECHNOLOGY				
Business Information Systems ②	FPBIS	CE-SM	10	
Cyber & Network Security ②	FPNST	CC-AM	9	
		CE-SM	11	
		CW-CK	11	
Games Art & Design ②	FPGAD	CC-AM	9	
IT Applications Development ②	FPIAD	CC-AM	9	
		CE-SM	11	
		CW-CK	11	
IT Systems & Networks ②	FPISN	CC-AM	10	
		CE-SM	11	
		CW-CK	12	
BUSINESS & SERVICES				
Accounting ②	FPACC	CC-AM	9	A total of 19 points or less for English Language, Mathematics and 3 other subjects (ELMAB3) in the GCE 'N(A)' examinations
		CE-SM	11	
		CW-CK	10	For the ELMAB3 aggregate score, you must get:
Event Management ②	FPBSE	CC-AM	10	• Grade 1-3 in English Language
		CE-SM	11	• Grade 1-4 in Mathematics
Financial Services ②	FPBNS	CC-AM	9	• Grade 1-5 in the 3 other subjects
Hospitality Operations ②	FPHPO	CW-CK	12	
International Logistics ②	FPLIT	CE-SM	11	
Leisure & Travel Operations ②	FPLTO	CW-CK	11	
Service Management ②	FPBSC	CW-CK	12	

Eligible

ELMAB3<=19

Meet Minimum Entry Requirements

Successfully Admitted

Compete using ELMAB3 Including CCA Points

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Successfully Enrolled into DPP in Y2021

Merit
Availability of vacancies

8 ⟷ **15**

Net ELMAB3 aggregate score* of the <u>lowest ranked students</u> who were admitted to courses

Net ELMAB3

Minimum **3**

PFP

12

NFP

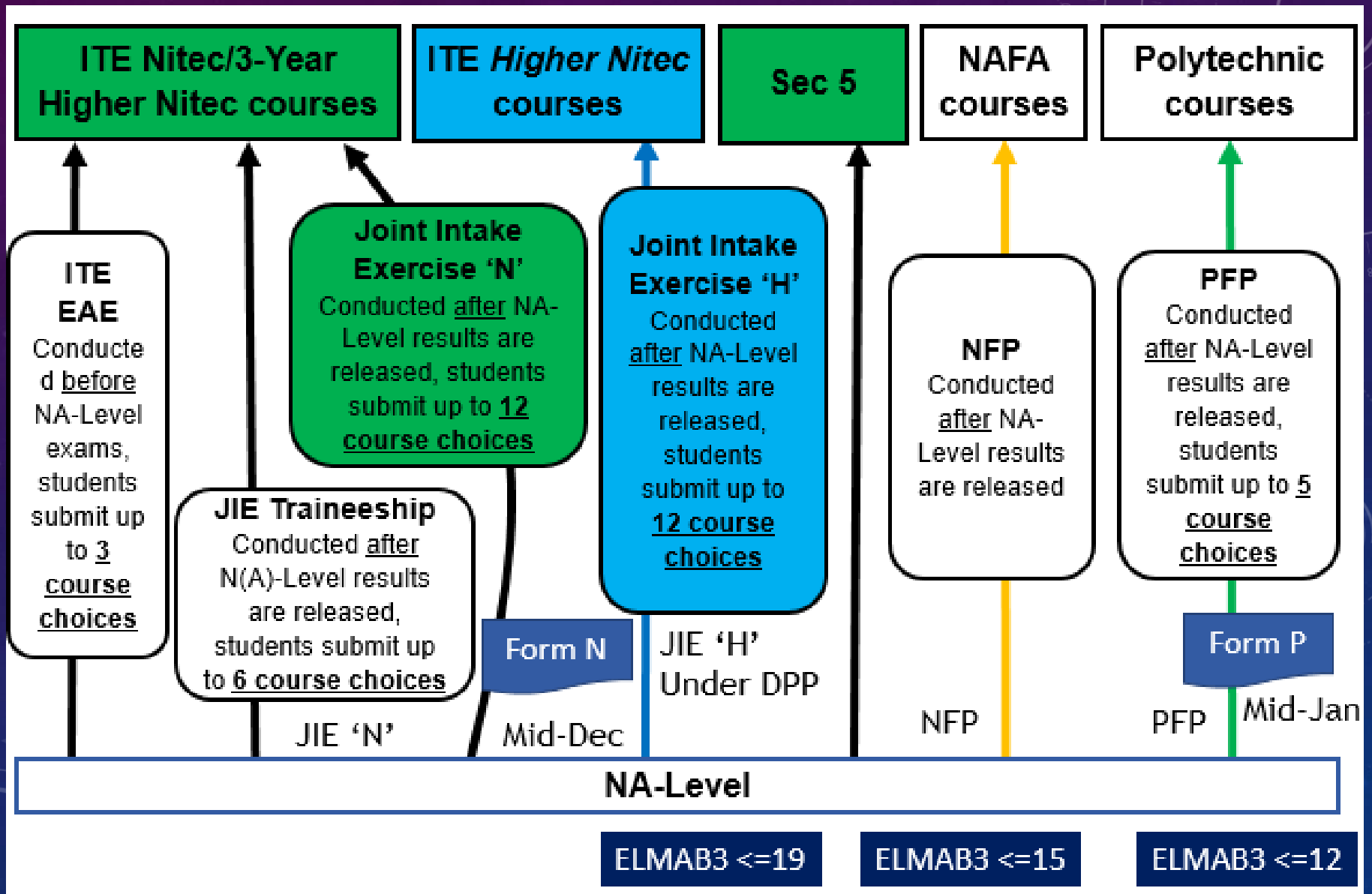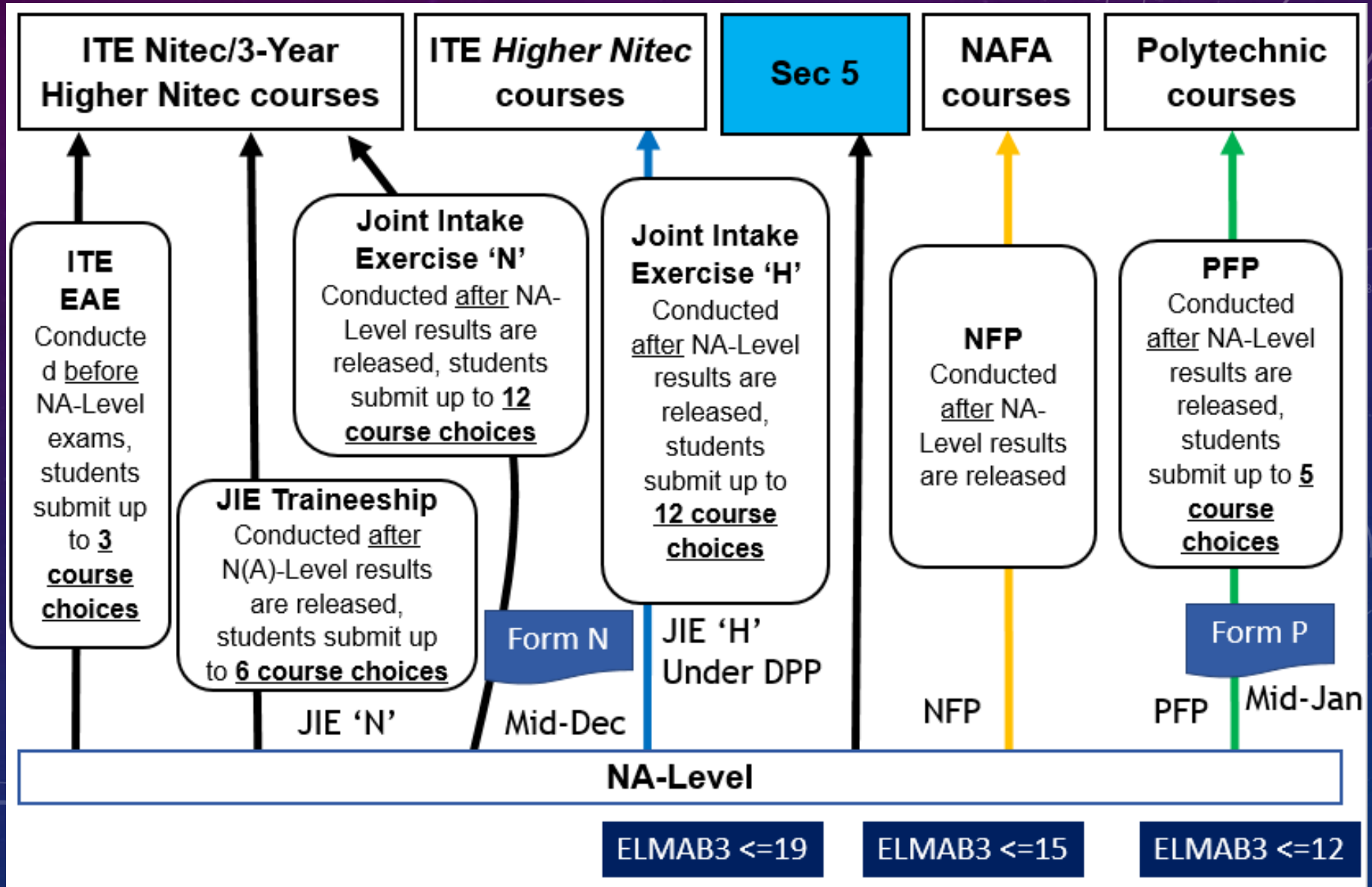8 9 10 11 12 13 14 **15** 16 17 18

DPP

Eligibility (To Apply) <u>does NOT guarantee</u> Course Placement

DPP **19**

* Aggregate scores may vary from previous years, depending on students' exam results & course choices

PLAN A, PLAN B, PLAN C?
OBJECTIVE(S)?

ITE Nitec/3-Year Higher Nitec courses	ITE *Higher Nitec* courses	Sec 5	NAFA courses	Polytechnic courses

ITE EAE
Conducted <u>before</u> NA-Level exams, students submit up to <u>3</u> course choices

Joint Intake Exercise 'N'
Conducted <u>after</u> NA-Level results are released, students submit up to <u>12</u> course choices

Joint Intake Exercise 'H'
Conducted <u>after</u> NA-Level results are released, students submit up to <u>12</u> course choices

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Conducted <u>after</u> NA-Level results are released, students submit up to <u>5</u> course choices

JIE Traineeship
Conducted <u>after</u> N(A)-Level results are released, students submit up to <u>6 course choices</u>

Form N

JIE 'H' Under DPP

Form P

JIE 'N'   Mid-Dec   NFP   PFP   Mid-Jan

NA-Level

ELMAB3 <=19	ELMAB3 <=15	ELMAB3 <=12

SEC 5 - O-LEVEL PATHWAY

SEC 5 SUBJECTS VERSUS ITE MODULES

3-YEAR HIGHER NITEC IN CYBER & NETWORK SECURITY

Broad-based

- English
- Mother Tongue
- Math/A. Math
- Physics/Chemistry/Biology
- SS/Geography/History
- POA
- D&T
- Art

COURSE STRUCTURE

Module Title	Specialisation in specific domains
FOUNDATION MODULES	
Networking Fundamentals	3
Coding for AI	3
Operating System Essentials	3
Digital Media Technologies	3
Fundamentals of Data	3
Introduction to UI/UX	3
Web Development Essentials	3
Cybersecurity Fundamentals	3
CORE MODULES	
Computer Maintenance	3
Networking Technology	3
Enterprise Networking	3
System Administration	3
System Hardening & Infrastructure Services	3
Virtualisation Fundamentals	3
Cloud System Administration	3
Industry Attachment 1	4
SPECIALISATION MODULES	
Infrastructure Security	3
IT Security	3
Security Operations	3
Security Vulnerability Testing	3
Industry Attachment 2	
LIFE SKILLS MODULES	
Refer to page 304	

Transferable Knowledge & Skills for Similar Courses in Polytechnic

Some Pathways and Duration to obtain a Polytechnic Diploma (depends On Students' ITE/Poly[aka GPA]/O-Level Results)

Years	Pathway								
4	PFP	P0	P1	P2	P3				
5	DPP (2-Year Higher Nitec)	H1	H2	P1	P2	P3			
6	3-Year Higher Nitec	H1	H2	H3	P1	P2	P3		
7	Nitec	N1	N2	H1	H2	P1	P2	P3	
5	Nitec	N1	N2	P1	P2	P3			
4	Nitec (e.g. Nursing)	N1	N2	P2	P3				
4	Sec 5	S5	P1	P2	P3				
6	Sec 5	S5	H1	H2	P1	P2	P3		
7	Sec 5	S5	H1	H2	H3	P1	P2	P3	
6	Sec 5	S5	N1	N2	P1	P2	P3		

Polytechnic Diploma

~~ELMAB3~~

ELR2B2 <= 26

Minimum Entry Requirements (MER)

SEC 5 TO POLYTECHNIC – ELR2B2

Minimum Entry Requirements (MER)

ELR2B2

BUSINESS & MANAGEMENT					
Accountancy & Finance	C98	ELR2B2-B	7 to 12	Subject	Grade
				a) English Language	1-6
Banking & Finance	C96	ELR2B2-B	7 to 13	b) Mathematics (Elementary/Additional)	1-6
				c) Any three other subjects:	1-6
Business Management	C94	ELR2B2-B	8 to 16	**Note:** To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-B Aggregate Type on p.27.	

Business Management

Specialisations:
- Customer Relationship and Service Management
- Event Management
- Human Resource Management
- International Business
- E-Commerce and Retail Management
- Marketing & Digital Communications
- Supply Chain Management

https://www.polytechnic.edu.sg/introduction/available-courses

SEC 5 TO POLYTECHNIC – ELR2B2

Polytechnic Courses For Academic year 2020/2021

NYP - Nanyang Polytechnic   NP - Ngee Ann Polytechnic   RP - Republic Polytechnic   SP - Singapore Polytechnic   TP - Temasek Polytechnic

JAE Course Cluster	Course Title	JAE Course Code	Polytechnic	- JAE ELR2B2[1]
Very Low Cut-off for Popular Courses				
APPLIED SCIENCES	Applied Chemistry	S64	SP	4 to 10
APPLIED SCIENCES	Biologics & Process Technology	C49	NYP	8 to 13
APPLIED SCIENCES	Biomedical Engineering	T38	TP	10 to 13
APPLIED SCIENCES	Biomedical Science	N59	NP	3 to 8
APPLIED SCIENCES	Biomedical Science	R14	RP	9 to 12
APPLIED SCIENCES	Biomedical Science	S98	SP	3 to 7
APPLIED SCIENCES	Biotechnology	R16	RP	11 to 17
APPLIED SCIENCES	Chemical & Biomolecular Engineering	N56	NP	4 to 10
APPLIED SCIENCES	Chemical & Pharmaceutical Technology	C73	NYP	10 to 15
APPLIED SCIENCES	Chemical Engineering	S70	SP	5 to 13
APPLIED SCIENCES	Chemical Engineering	T33	TP	3 to 14

https://www.polytechnic.edu.sg/introduction/available-courses

SEC 5 TO HIGHER NITEC (47 X COURSES VS 18 X DPP)

LIST OF 2-YEAR *HIGHER NITEC* COURSES OFFERED UNDER APRIL 2022 JAE INTAKE

S/N	*Higher Nitec* Course	MOE JAE & Combined JAE Appeal	ITE Course Code for Final	ITE College
1	Accounting			
2	AI Applications *(New course*			
3	Architectural Technology			
4	Business Information System:			
5	Broadcast & Media Technolo			
6	Biotechnology			
7	Beauty & Wellness Managem			
8	Early Childhood Education			
9	Cyber & Network Security			
10	Civil & Structural Engineerin			
11	Chemical Technology			
12	Data Engineering			
13	Electronics Engineering			
14	Electrical Engineering			

S/N	*Higher Nitec* Course	MOE JAE & Combined JAE Appeal Course Code ①	ITE Course Code for Final Appeal Phase ①	ITE College Code
32	Mechatronics Engineering	V13 V73	HFMCZ	CC-AM CW-CK
33	Mechanical Engineering	V21 V35 V78	HFMEZ	CC-AM CE-SM CW-CK
34	Motion Graphics	V14	HFMOG	CC-AM
35	Marine & Offshore Technology	V72	HFMOZ	CC-AM
36	Marine Engineering	V71	HFMRZ	CC-AM
37	Offshore & Marine Engineering Design	V75	HFOMZ	CC-AM
38	Performance Production	V97	HFPPZ	CC-AM
39	Passenger Services	V82 V80	HFPSZ	CC-AM CE-SM
40	Retail & Online Business	V66	HFRBZ	CC-AM
41	Robotics & Smart Systems	V98	HFRSS	CC-AM
42	Rapid Transit Engineering	V96	HFRTZ	CW-CK
43	Security System Integration	V77	HF2SI	CW-CK
44	Sport Management	V12 V19 V85	HF2SM	CC-AM CE-SM CW-CK
45	Service Management	V62	HFSVZ	CW-CK
46	Visual Merchandising	V55	HFVMZ	CC-AM
47	Visual Effects	V15	HFVFX	CC-AM

LIST OF 3-YEAR *HIGHER NITEC* COURSES OFFERED UNDER JANUARY 2022 JIE 'O'

S/N	3-Year *Higher Nitec* Course	Course Code	College Code
1	Accounting	HF3AC	CC-AM CE-SM
2	Cyber & Network Security		
3	Electronics Engineering		
4	IT Systems & Networks		
5	Sport Management		

LIST OF 2-YEAR *NITEC* COURSES OFFERED UNDER JANUARY 2022 JIE 'O'

S/N	*Nitec* Course	Course Code	College Code
1	Aerospace Avionics	NFAAZ	CC-AM
2	Asian Culinary Arts	NFACZ	CW-CK
3	Applied Food Science	NFAFZ	CE-SM
4	Aerospace Machining Technology	NFAMZ	CC-AM
5	Aerospace Technology	NFATZ	CC-AM
6	Built Environment (Mechanical & Electrical Services)	NFBEM	CE-SM
7	Business Services	NFBSZ	CC-AM CE-SM
8	Chemical Process Technology	NFCPZ	CE-SM
9	Community Care & Social Services	NFCSZ	CE-SM
10	Digital & Precision Engineering	NFDPE	CC-AM
11	Electrical Technology (Power & Control)	NFELP	CE-SM
12	Hospitality Operations	NFHPO	CW-CK
13	Mechanical Technology	NFMTZ	CC-AM
14	Mechatronics & Robotics	NFMCR	CW-CK
15	Nursing	NFNSZ	CE-SM
16	Opticianry	NFOPZ	CE-SM
17	Pastry & Baking	NFPBZ	CW-CK
18	Retail Services	NFRSZ	CW-CK
19	Travel & Tourism Services	NFTTZ	CW-CK
20	Western Culinary Arts	NFWCZ	CW-CK

BEST 5

ITE NITEC/3-YEAR HIGHER NITEC

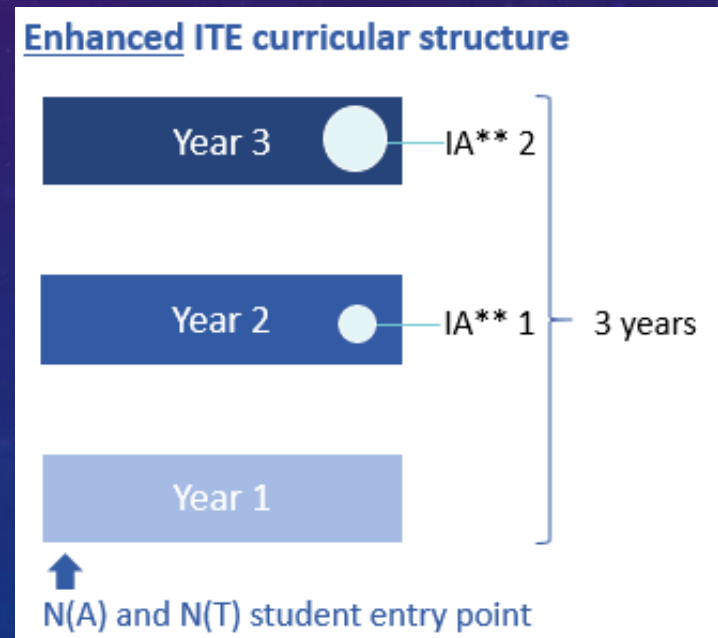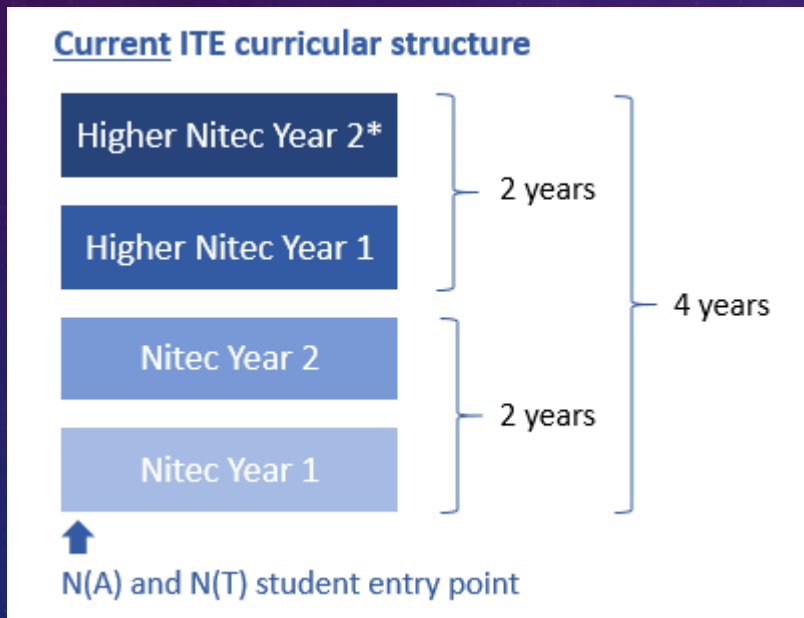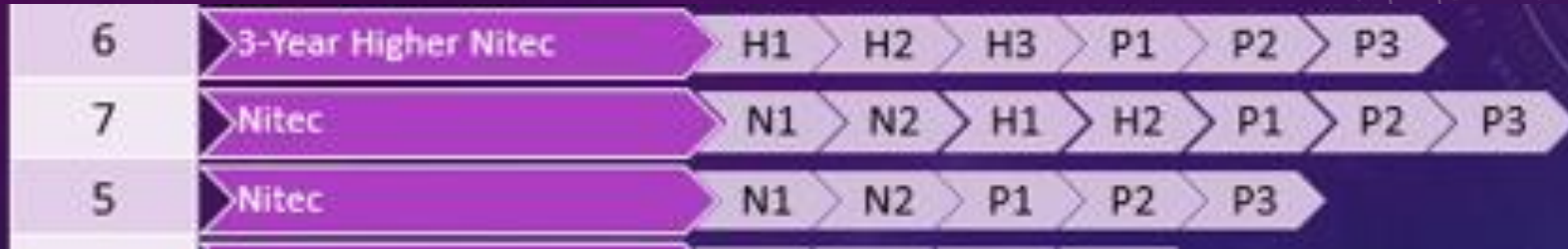# Some Pathways and Duration to obtain a Polytechnic Diploma (depends On Students' ITE/Poly[aka GPA]/O-Level Results)

Years	Pathway							
4	PFP	P0	P1	P2	P3			
5	DPP (2-Year Higher Nitec)	H1	H2	P1	P2	P3		
6	3-Year Higher Nitec	H1	H2	H3	P1	P2	P3	
7	Nitec	N1	N2	H1	H2	P1	P2	P3
5	Nitec	N1	N2	P1	P2	P3		
4	Nitec (e.g. Nursing)	N1	N2	P2	P3			
4	Sec 5	S5	P1	P2	P3			
6	Sec 5	S5	H1	H2	P1	P2	P3	
7	Sec 5	S5	H1	H2	H3	P1	P2	P3
6	Sec 5	S5	N1	N2	P1	P2	P3	

Polytechnic Diploma

ITE HAS REDESIGNED THE CURRICULUM TO OFFER 3-YEAR CURRICULUM (IN Y2022)

6	3-Year Higher Nitec	H1	H2	H3	P1	P2	P3
7	Nitec	N1	N2	H1	H2	P1	P2	P3
5	Nitec	N1	N2	P1	P2	P3

Current ITE curricular structure

Higher Nitec Year 2* ⎱ 2 years
Higher Nitec Year 1 ⎰

Nitec Year 2 ⎱ 2 years
Nitec Year 1 ⎰

4 years

↑
N(A) and N(T) student entry point

Enhanced ITE curricular structure

Year 3 ○ — IA** 2
Year 2 ○ — IA** 1
Year 1

3 years

↑
N(A) and N(T) student entry point

Nitec (2 years) → Higher Nitec (2 years)   3-Year Higher Nitec (3 years)

SEC 4NA: 8 X 3-YEAR HIGHER NITEC

LIST OF 3-YEAR *HIGHER NITEC* COURSES
OFFERED UNDER JANUARY 2022 JIE 'N'

S/N	3-Year *Higher Nitec* Course	Course Code	College Code
1	Accounting	HF3AC	CC-AM CE-SM CW-CK
2	Business Information Systems	HF3BI	CE-SM
3	Cyber & Network Security	HF3CN	CC-AM CE-SM CW-CK
4	Electronics Engineering	HF3EC	CC-AM CE-SM CW-CK
5	IT Applications Development	HF3IA	CC-AM CE-SM CW-CK
6	IT Systems & Networks	HF3IS	CC-AM CE-SM CW-CK
7	Security System Integration	HF3SI	CW-CK
8	Sport Management	HF3SM	CC-AM CE-SM CW-CK

ELMAB3

BEST 4

ENHANCED FLEXIBILITY, INDUSTRY READINESS AND SUPPORT

- Enhancing students' career readiness and resilience for the future economy

- Recognizing diversity and providing more flexibility and opportunities for all

- Building stronger and more integrated support systems for all students

https://for.edu.sg/moe-support-for-poly-ite

https://for.edu.sg/cna-support-for-poly-ite

EXAMPLE OF A TYPICAL 3-YEAR CURRICULUM

3-Year Higher Nitec in IT Systems & Networks

Examples of broad sector foundation modules in Year 1:

- Coding for AI
- Cybersecurity Fundamentals
- Fundamentals of data
- Digital media technologies
- Web development

Year 2 cluster specialisation modules

Year 3 career specialisation modules

John will have a better grasp of skills needed for adjacent job opportunities in the IT sector other than his core trade.

Year 1: Broad-based foundation modules that expose students to different aspects of the sector

EXAMPLE OF A TYPICAL 3-YEAR CURRICULUM

3-Year Higher Nitec in IT Systems & Networks

Higher Nitec in IT Systems & Networks (3-years)

3-month IA in Year 2

IAs are integrated and build on each other.

6-month IA in Year 3

Year 2 & 3: Integrated IA experience offers students opportunity to learn more from workplace and mentors

SEC 4NA: 8 X 3-YEAR HIGHER NITEC

**LIST OF 3-YEAR *HIGHER NITEC* COURSES
OFFERED UNDER JANUARY 2022 JIE 'N'**

S/N	3-Year *Higher Nitec* Course	Course Code	College Code
1	Accounting	HF3AC	CC-AM CE-SM CW-CK
2	Business Information Systems	HF3BI	CE-SM
3	Cyber & Network Security	HF3CN	CC-AM CE-SM CW-CK
4	Electronics Engineering	HF3EC	CC-AM CE-SM CW-CK
5	IT Applications Development	HF3IA	CC-AM CE-SM CW-CK
6	IT Systems & Networks	HF3IS	CC-AM CE-SM CW-CK
7	Security System Integration	HF3SI	CW-CK
8	Sport Management	HF3SM	CC-AM CE-SM CW-CK

ELMAB3

BEST 4

LIST OF 2-YEAR *NITEC* COURSES OFFERED UNDER JANUARY 2022 JIE 'N'

S/N	2-Year *Nitec* Course	Course Code	College Code
1	Aerospace Avionics	NFAAZ	CC-AM
2	Aerospace Machining Technology	NFAMZ	CC-AM
3	Aerospace Technology	NFATZ	CC-AM
4	Applied Food Science	NFAFZ	CE-SM
5	Architectural Technology	NFATN	CC-AM
6	Asian Culinary Arts	NFACZ	CW-CK
7	Automotive Technology	NFATV	CW-CK
8	Beauty & Wellness	NFBWZ	CE-SM
9	Built Environment (Mechanical & Electrical Services)	NFBEM	CE-SM / CW-CK
10	Built Environment (Vertical Tran...		
11	Business Services		
12	Chemical Process Technology		
13	Community Care & Social Servic...		
14	Digital & Precision Engineering		

24	Mechanical Technology	NFMTZ	CC-AM CE-SM CW-CK
25	Mechatronics & Robotics	NFMCR	CC-AM CW-CK
26	Nursing	NFNSZ	CE-SM
27	Opticianry	NFOPZ	CE-SM
28	Pastry & Baking	NFPBZ	CW-CK
29	Product Design	NFPRD	CC-AM
30	Rapid Transit Technology	NFRTZ	CW-CK
31	Retail Services	NFRSZ	CC-AM CE-SM CW-CK
32	Travel & Tourism Services	NFTTZ	CW-CK
33	Urban Greenery & Landscape	NFUGL	CE-SM
34	Video Production	NFVPZ	CC-AM
35	Visual Communication	NFVCZ	CC-AM
36	Western Culinary Arts	NFWCZ	CW-CK

BEST 4

ELMAB3

Some Pathways and Duration to obtain a Polytechnic Diploma (depends On Students' ITE/Poly[aka GPA]/O-Level Results)

Years	Pathway	Stages
4	PFP	P0 > P1 > P2 > P3
5	DPP (2-Year Higher Nitec)	H1 > H2 > P1 > P2 > P3
6	3-Year Higher Nitec	H1 > H2 > H3 > P1 > P2 > P3
7	Nitec	N1 > N2 > H1 > H2 > P1 > P2 > P3
5	Nitec	N1 > N2 > P1 > P2 > P3
4	Nitec (e.g. Nursing)	N1 > N2 > P2 > P3
4	Sec 5	S5 > P1 > P2 > P3
6	Sec 5	S5 > H1 > H2 > P1 > P2 > P3
7	Sec 5	S5 > H1 > H2 > H3 > P1 > P2 > P3
6	Sec 5	S5 > N1 > N2 > P1 > P2 > P3

Polytechnic Diploma

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	
Materials Science	RP	R17	S&T	-	-	-	-	3.5	3.900 to 4.000	r1
Nursing	NYP	C97	Non S&T	3.5	3.600 to 3.699	3	3.000 to 3.499	-	-	c3, c4
Nursing	NP	N69	Non S&T	3.5	3.500 to 3.599	3	3.000 to 3.499	-	-	n7, n9
Outdoor & Adventure Learning	RP	R33	Non S&T	-	-	-	-	3.5	3.800 to 3.899	r2, r5
Pharmaceutical Science	RP	R22	Non S&T	-	-	-	-	3.5	3.900 to 4.000	r1, r3
Social Sciences in Gerontology	TP	T53	Non S&T	-	-	-	-	3.5	-	
Sport & Exercise Science	RP	R26	Non S&T	-	-	-	-	3.5	3.800 to 3.899	
Sport Management	RP	R27	Non S&T	-	-	-	-	3.5	3.800 to 3.899	
Wellness & Hospitality Business	RP	R44	Non S&T	-	-	-	-	3.5	3.700 to 3.799	r6

Bishan Park Sec → ITE Nitec Nursing → NYP Nursing → NUS Medicine

Source: *The Straits Times*, pB1
Date: 18 May 2019

NUS
National University of Singapore

From ITE to NUS medicine: Ex-dropout makes the grade

23-year-old, who had quit secondary school, is first ITE grad to be accepted by med school

Amelia Teng
Education Correspondent

The long shot has come good.

Mr Nicholas Chan, 23, is the first Institute of Technical Education (ITE) graduate to make it to the National University of Singapore's Yong Loo Lin School of Medicine, which this year had about 280 places for some 2,000 applicants.

Far from being a straight-A student, he had quit secondary school, taken the O levels as a private candidate, then trained as a nursing student in ITE, and then Nanyang Polytechnic (NYP).

"I freaked out and I lost it," said Mr Chan, when he logged on to the admissions portal for universities earlier this month to check if his application was successful. He even took a video of himself clicking "yes" to the offer that night, just because he could not believe that he had been accepted.

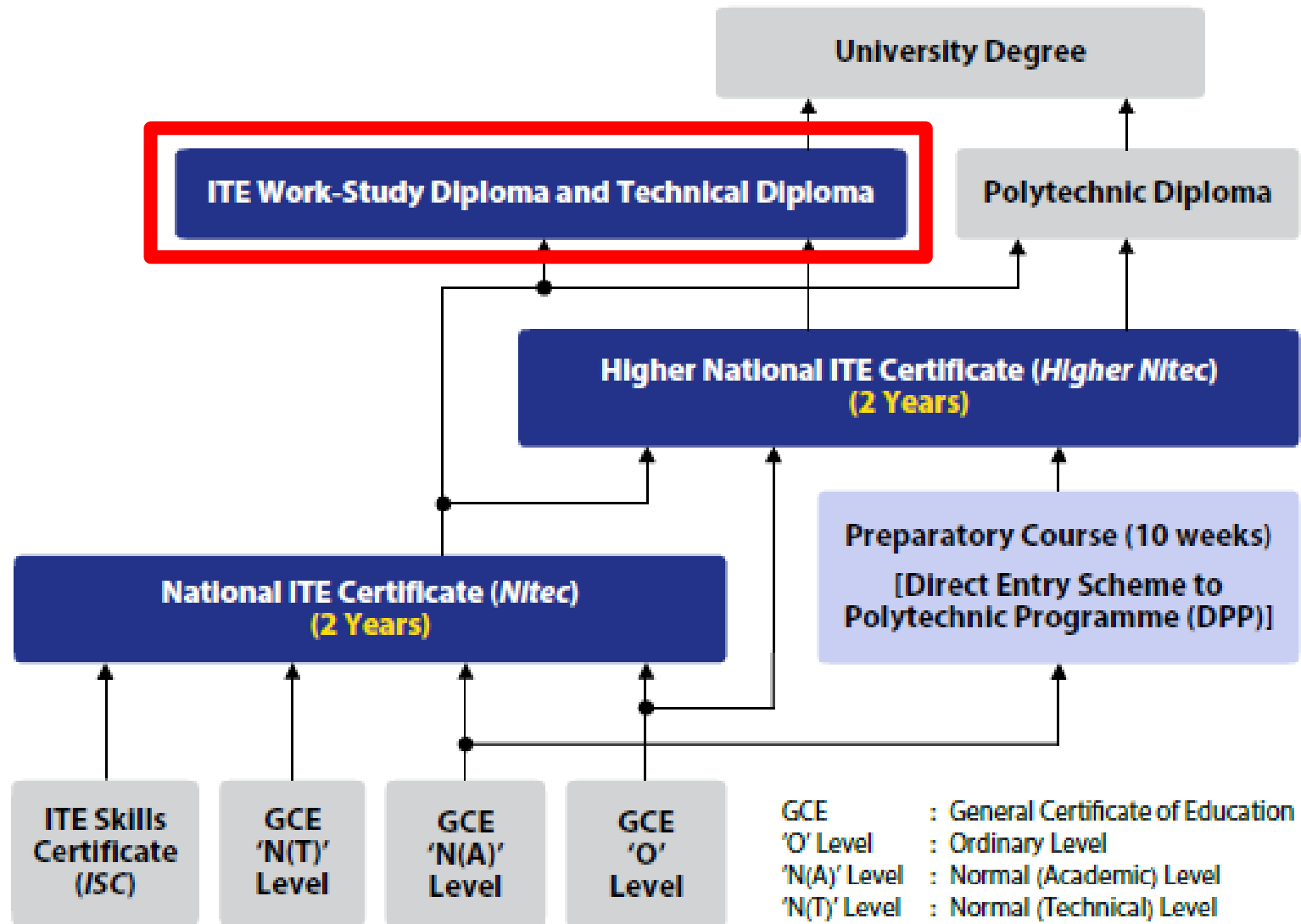His application to the medical school last year was rejected.

"I was just being realistic. I'm far from the best person to apply. I knew it was a long shot, and to get it was really unreal."

The younger of two brothers had

PROGRESSION CHART

ITE graduates who excel in their course of study may apply for progression* to a higher level

University Degree

ITE Work-Study Diploma and Technical Diploma

Polytechnic Diploma

**Higher National ITE Certificate (*Higher Nitec*)
(2 Years)**

**National ITE Certificate (*Nitec*)
(2 Years)**

**Preparatory Course (10 weeks)
[Direct Entry Scheme to Polytechnic Programme (DPP)]**

ITE Skills Certificate (*ISC*)

GCE 'N(T)' Level

GCE 'N(A)' Level

GCE 'O' Level

GCE	: General Certificate of Education
'O' Level	: Ordinary Level
'N(A)' Level	: Normal (Academic) Level
'N(T)' Level	: Normal (Technical) Level

* Progression is based on merit

NUS | Office of Admissions
National University of Singapore

Polytechnic Diploma from Singapore
Admission Requirements

▶ **Apply Now**   ⑦ **Ask Admissions**   ☑ **Status Check**   🔖 **Bookmark**   🖨 **Print**

Admissions Requirements

Subject Pre-requisites

Application Forms and Procedures

Module Exemptions for Polytechnic Students

Applicants, regardless of nationality, may apply with a Diploma from one of following Polytechnics or institution in Singapore:

- Nanyang Polytechnic
- Ngee Ann Polytechnic
- Republic Polytechnic
- Singapore Polytechnic
- Temasek Polytechnic
- BCA Academy
- LASALLE College of the Arts
- Nanyang Academy of Fine Arts (NAFA)
- Institute of Technical Education (Work-Study Diploma [WSDip])

University Degree

ITE Work-Study Diploma and Technical Diploma   **Polytechnic Diploma**

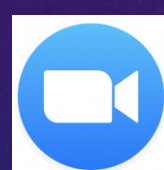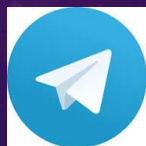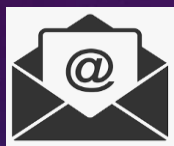# LOOKING FOR ECG COUNSELLOR, MR CHRISTOPHER TAN?

ECG e-Services are available by appointment from Mon to Fri (8am to 5:30pm)
Online (Google Meet) OR
Onsite (In School - Mon [HS], Tue [PHS], Wed [SSS], Thu [DSS])

Book appointment using ECG e-Service Request Online Form:
https://go.gov.sg/ecg-service-request

- *ECG e-Counselling/e-Coaching/e-Consultation Services*
  - Individual (1-to-1 session) or Small Group (2 to 3 students)
  - Online Support:
    - Email - **bookmyecgc@gmail.com** or **tan_kok_leong_b@schools.gov.sg**
    - Telegram - **https://t.me/ECGC_Mr_Tan**
    - Appointment arranged via ECG e-Service Request Online Form, Email and/or Telegram
      - Video-conferencing details will be provided via Email

- *ECG e-Workshops/Class e-Talks*
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Survey

https://go.gov.sg/sec4n5webinar