

Education and Career Guidance

Normal Technical Students

HOUGANG
SECONDARY SCHOOL



Mr Elangovan
Year Head

Education and Career Guidance - ECG



Changes in the World of Work Today



Evolving Global Trends



**Increasing Digitalisation
&
Other Disruptions**



**Shifting Values of
Work & Aspirations**

SCHOOL'S VISION
**NUTURING EMPOWERED,
FUTURE-READY HOUGEANS
OF CHARACTER & PURPOSE**

Secondary 1

ECG awareness - Who am I?
Discovering one's values,
interests, personalities & skills
(VIPS)

- Through CCE lessons
- (DISC profiling using Myskillsfuture)

Secondary 2

Discovering one's VIPS - Who am I

- CCE Lessons, RIASEC code
- Learn-A-Skill Workshop during Inspire Series 1
- Career Life Game and Finance Literacy
- Subject talks
- Experience ITE for N(T) student

Secondary 3

Discovering pathways - Where do i want to go?

- Building portfolio
- APLM@ Poly / school (for all)
- SHE programme (for females)
- Work Experience programme (for interested)

Secondary 4 &5

Being prepared for National Exams and Aptitude Based Assessments - How do I get there?

- CCE lessons on resume writing, jie and JAE trial
- Poly Open House
- Careers Day Talks by External professionals
- EAE interviews
- ECG advising
- Preparing of portfolios for EAE during SIL

Supporting our student's ECG Journey



Everyone is unique

Everyone is unique with our own values, interests, strengths, personality and skills.



Explore & Empower

There are many different careers in the world of work to explore and I can make informed decisions about my education and career choices.



Grow & Contribute

Each of us can use our strengths, abilities and passion to work towards our goals and contribute meaningfully to the community.

THE FUTURE OF OUR CHILDREN

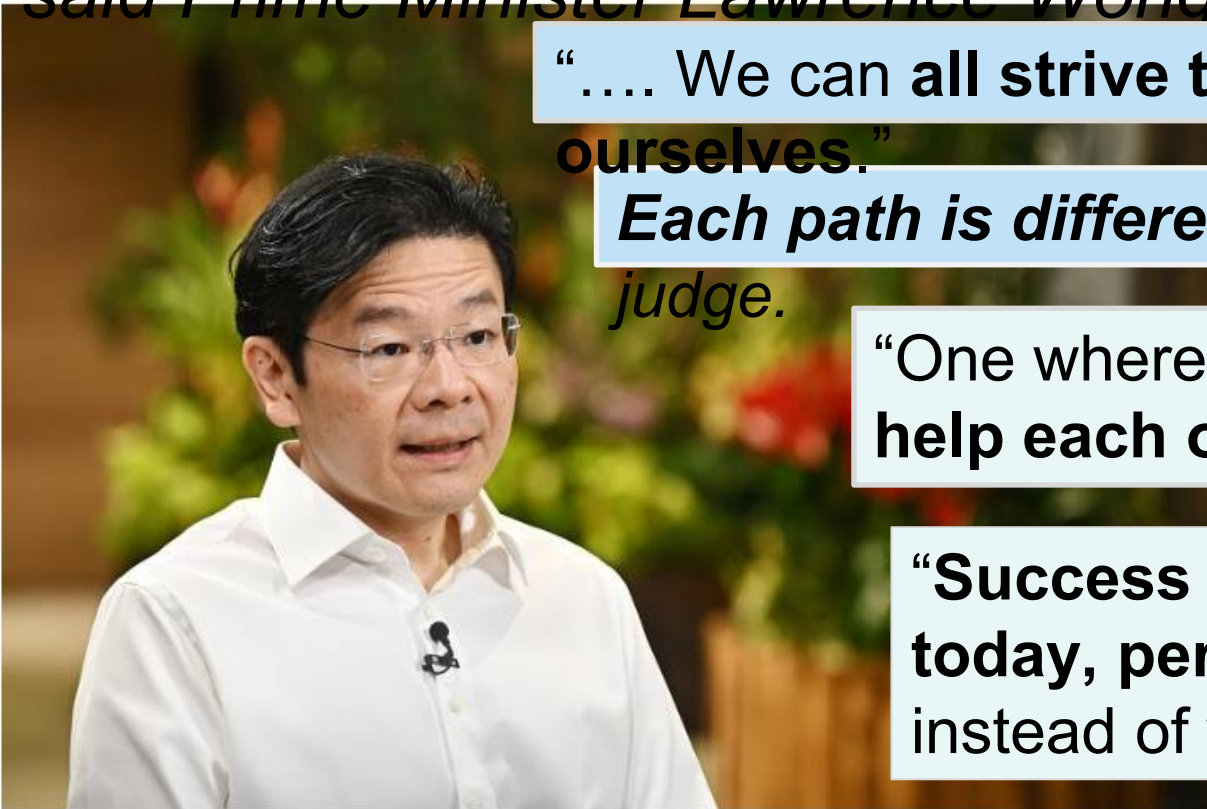
*“There needs to be a **broader definition of success** in Singapore that goes beyond narrow metrics of academic and material achievements, and where **everyone is valued for who they are**”.*
said Prime Minister Lawrence Wong

“.... We can all strive to be the best possible versions of ourselves.”

Each path is different, and there is no need to compare or judge.

“One where our success is defined by how we help each other to do well collectively.”

“Success is about excelling at what we do today, persevering at it and doing it with pride instead of worrying about status or rewards.”



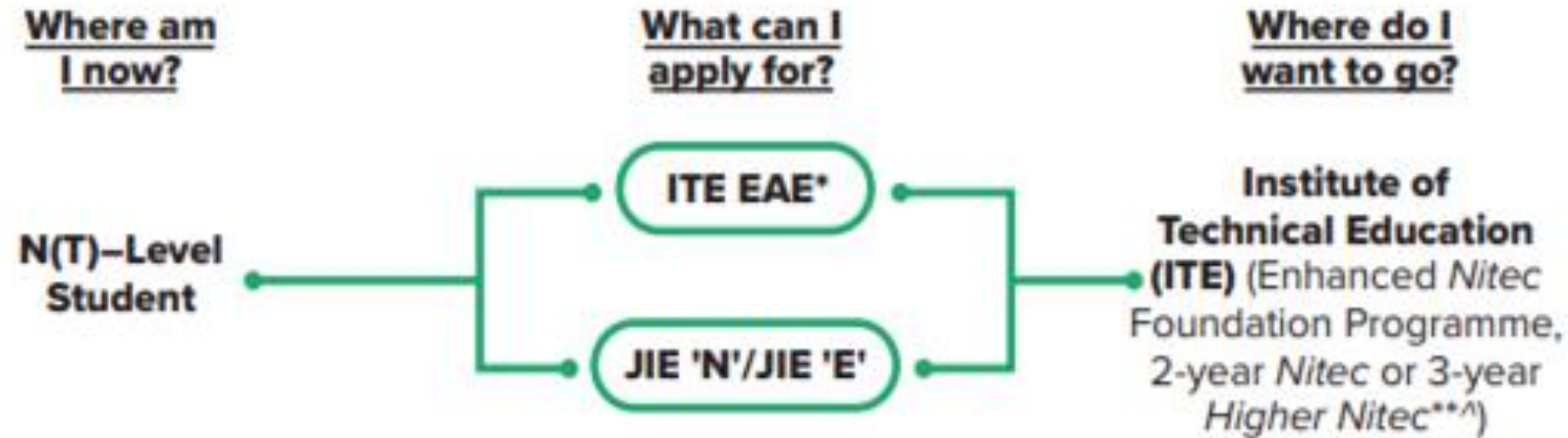
Post Sec Pathways for Predominantly G1 students

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Post Sec Pathways – Predominantly G1 and G2 students



All pathways lead to University!

JIE 'N'	JIE-N: ITE 3-yr Higher Nitec Completed N-Level exams – based on Minimum Entry Requirements (MER) for course.	N(A) & N(T) Students
JIE 'E'	JIE-E: ITE 4-yr Higher Nitec with Enhanced Foundation Programme Completed N-Level exams with 0 or 1 passes.	N(T) Students Only

Overview of Post-Secondary Education Institutions (PSEIs)



Polytechnics

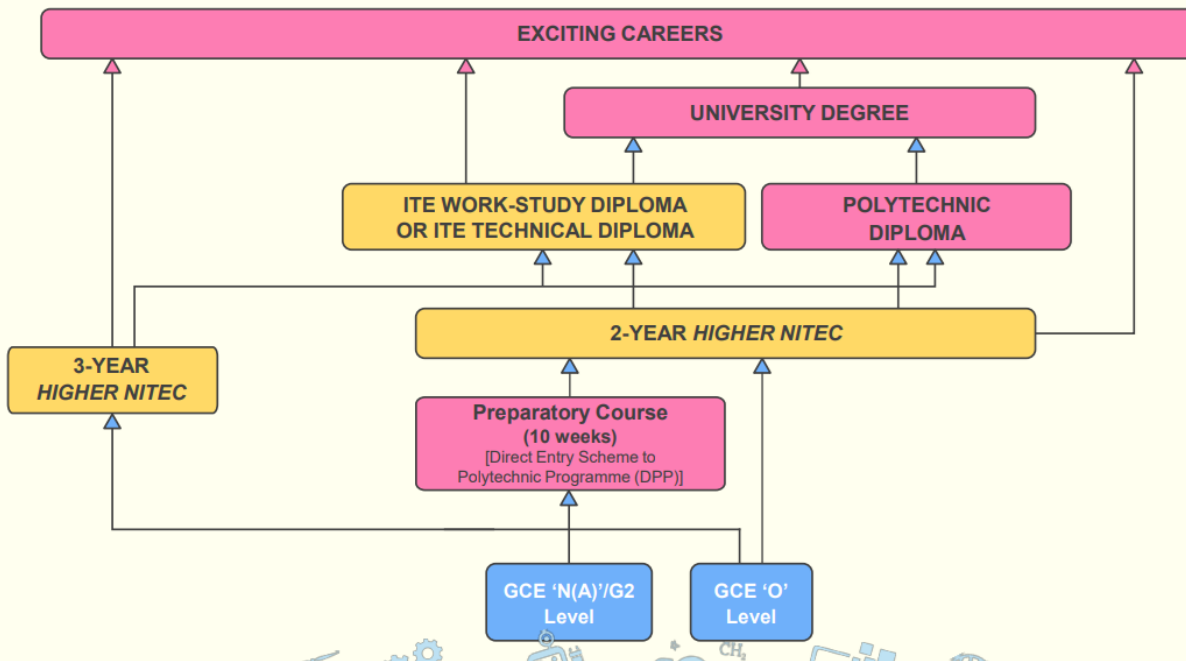
- 5 Polytechnics
- **Work-ready Diploma** and for admissions to universities
- Applied, practice-based learning experience with internships

Institute of Technical Education

- 3 campuses
- **Work-ready Higher NITEC Certification** and for admissions for Diploma
- Hands-on, practice-based learning with internships

Institute of Technical Education

PROGRESSION PATHWAYS



Source: ITE Course booklet 2026 1 PDF

More pathways to polys for ITE students from 2027



THE STRAITS TIMES

Amelia Teng

Education Correspondent

UPDATED JUL 21, 2023, 11:22 PM SGT

More **Institute of Technical Education (ITE)** students will be given the chance to move on to **polytechnics** from academic year 2027, as part of efforts to expand pathways and choices for students.

Those pursuing a Higher Nitec qualification at ITE will be **guaranteed admission to a polytechnic course related to their Higher Nitec course**, if they attain a grade point average (GPA) of **3.5 or above**.

3-year Higher Nitec at ITE

For predominantly G1 and G2 students

- **3-year Higher NITEC offers a streamlined curriculum and** students gain exposure to modules in their sector in year 1 before specializing later. Includes 2 internships (Yr 2 & 3). Applications are made via JIE “N” admissions exercise in December 2026.

From AY2026, all courses will be 3-year Higher NITEC courses.

- **ITE admissions is based on aggregate score computed based on 4 subjects**, including pre-requisite subjects and bonus points. Minimum Entry requirements of the courses differ. Some examples:
 - **3 GCE ‘N’ Passes** in **English, Mathematics** and 1 other subject
 - **3 GCE ‘N’ Passes** in **Mathematics or Science*** and 2 other subjects
 - **3 GCE ‘N’ Passes** in **English** and 2 other subjects
 - **3 GCE ‘N’ Passes** in **Mathematics** and 2 other subjects
 - Completed N-level

Refer to the [JIE booklet](#) for updated information.



ITE Progression Award

- After graduating from Higher Nitec, ITE graduates can enjoy the **ITE progression Award** when they pursue diploma:
 - Top-up of \$5000 to Post-Secondary Education Account (PSEA) upon enrolment into ITE Work Study Diploma, Technical or Engineering Diploma; Local Polytechnic Diploma, NAFA, Lasalle Diploma or NIEC Diploma.
 - Top-up of \$10,000 to CPF OA upon completion of Diploma.



Joint Intake Exercise -JIE N / JIE H

Guiding Students To Make Their 12 Choices



Passion Basket

First 3 - 4 Choices

Consider courses that **most align** with your Values, Interests, Personality & Skills (V.I.P.S) and strengths.



Practical Basket

Next 4 Choices

Choose courses you are **interested in** and stand a **good chance in securing**. (where your net score is **within** the range of the last year's aggregate score).



Prudence Basket

Last 4 Choices

Include alternative courses and institutions where the latest aggregate scores are **higher** than yours. With this, your chances of securing a place will be higher.

Restricted - Only for Internal Circulation

Maximize the number of course choices in each application.

- **JIE 'N' and DPP (JIE 'H') are separate applications,** and each has **12 choices**.



Grade Conversion & Bonus Points for ITE Aggregate Points for JIE N admissions

G2 subject	G1 subject	ITE Aggregate Point for JIE'N'
1, 2, 3	A	1
4	B	2
5	C	3
6	D	4
-	E	5

CCA Grade	Bonus Points
Excellent	2
Good	1

Bonus points not taken into account for course eligibility. Used only for course posting.

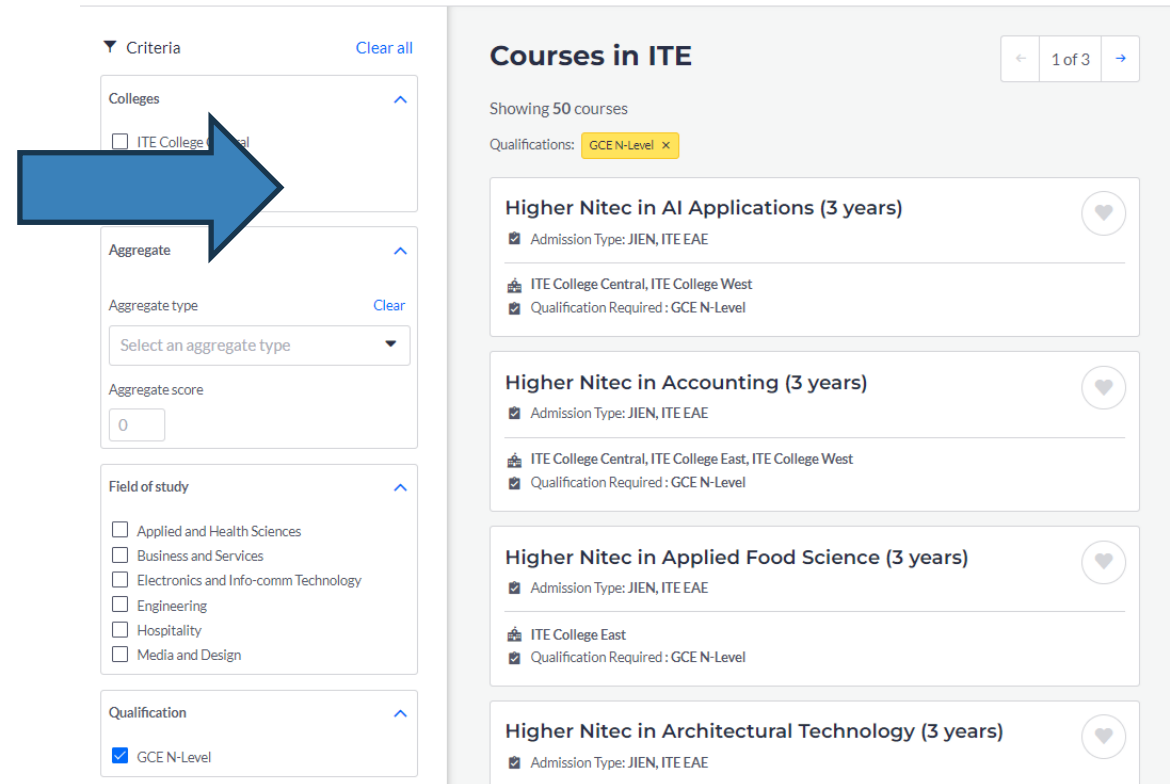
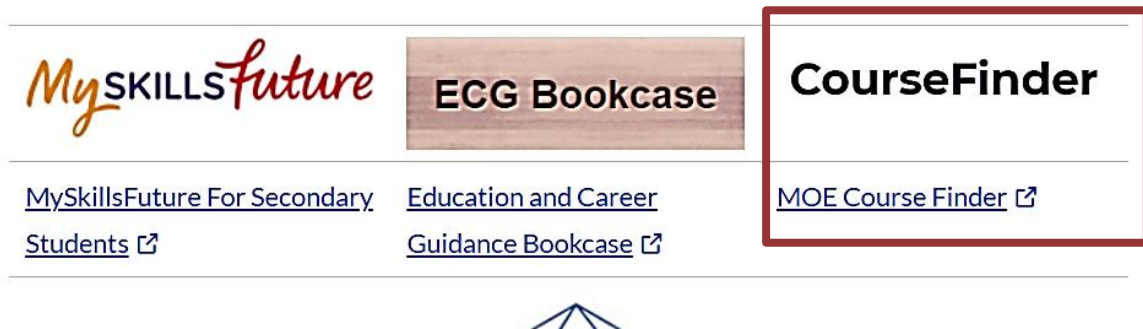


MOE Coursefinder

<https://www.hougangsec.moe.edu.sg/quick-links/For-Students/>

- To explore ITE courses with latest cut off points

Example



School Website

Aptitude Based Admissions (ABA)

Early Admissions Exercise (EAE) to ITE

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What is EAE?

1. For students who have **strong aptitude and interest** in specific fields of study.
2. Students who have applied will be assessed through different modes e.g. Interviews.
3. These will take place before their national examinations.

The students who were successful in their EAE application will still need to meet the two criteria.

Criteria : 1. Minimum Entry Requirements (MERs)
2. Subject pre-requisites.



Why EAE?

- Secure a place in a competitive ITE course.
- Just make sure N-level results released in December 2026 meet the minimum entry requirements (MERs) for the course.

Note : N-Level results were released on 18 December 2025, students need to take part in the Joint Intake Exercise (JIE) before 22 December 2025.

For students who received conditional offers through EAE and met the MER based on N-Level Results, they need not take part in the JIE.

EAE OUTCOME

- If you accept the EAE conditional offer, the course cut off points do not apply for you.
- If your results meet the MER, the conditional offer is automatically confirmed.

3-Year Higher Nitec Courses by School	Course Code	College Code	2022 JIE 'N' TE Aggregate Point (based on 4 subjects)	Minimum Entry Requirements
BUSINESS & SERVICES				
Accounting ⑦	HF3AC	CC-AM CE-SM CW-CK	3 5 4	3 GCE 'N' Passes (Grade A-D or Grade 1-5) in English Language and two other subjects Or 2 GCE 'O' Grades (Grade 1-8) in any two subjects
Sport Management ①⑦ <i>Applicants should possess a strong interest for sports, good communication skills and a service mindset. Shortlisted applicants have to attend an interview on-campus scheduled on Tue 27 Dec 2022 or Wed 28 Dec 2022 and pass a prescribed medical examination.</i>	HF3SM	CC-AM CE-SM CW-CK	6 13 9	

- If you do not apply EAE or you withdraw from the EAE conditional offer, you would need to consider the following:
- Meet the course entry requirements **AND**
- Meet or fall within course cut off points range in order to have a higher chance of securing the course

3-Year Higher Nitec Courses by School	Course Code	College Code	2022 JIE 'N' TE Aggregate Point (based on 4 subjects)	Minimum Entry Requirements
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What are MERs?

Minimum Entry Requirements (MERs)

Some possible examples:

- **3 GCE 'N' Passes** in **English, Mathematics** and 1 other subject
- **3 GCE 'N' Passes** in **Mathematics** or **Science*** and 2 other subjects
- **3 GCE 'N' Passes** in **English** and 2 other subjects
- **3 GCE 'N' Passes** in **Mathematics** and 2 other subjects
- Completed N-level

GCE 'N' Pass refers to Grade A-D (G1) or Grade 1-5 (G2).

*Mobile Robotics, Smart Electrical Technology, IoT Applications, Mechanical Design & Automation, and Mobile Web Applications subjects can be used **in lieu of Science** for admission to these courses.



Refer to the **JIE booklet** for updated information.



What are MERs?

Courses with MER “Completed N-Level”

Reminder:

Eligibility to apply does NOT guarantee placement.

Refer to the [JIE booklet](#) for updated information.

School	Course
Business & Services	Higher Nitec in Beauty & Wellness Management (3 years)
	Higher Nitec in Hairdressing and Salon Management (3 years)
	Higher Nitec in Logistics and Supply Chain Management (3 years)
	Higher Nitec in Retail and Online Business (3 years)
Design & Media	Higher Nitec in Technical Theatre & Production (3 years)
	Higher Nitec in Film & Video Production (3 years)
	Higher Nitec in Communication Design (3 years)
	Higher Nitec in Interior & Product Design (3 years)
	Higher Nitec in Visual Merchandising (3 years)
Electronics & Info-comm Technology	Higher Nitec in Security System Integration (3 years)
Engineering	Nitec in Automotive Technology
	Nitec in Mechanical Technology
	Higher Nitec in Landscape Management & Design (3 years)
	Higher Nitec in Facilities Management & Engineering (3 years)
	Higher Nitec in Vertical Transportation (3 years)
Hospitality	Higher Nitec in Culinary Arts (3 years)

ITE EAE SCHEDULE

WA 2

PRELIMS

EXAMS

Applicable Streams	ABA types	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER		
NA/NT	ITE EAE																		

LEGEND

	Application		Interview		Offer & Acceptance		Withdraw
			Portfolio				
			Personal Statement				
			Audition				

ITE Early Admissions Exercise 2025

For consideration by
2026 intake

LAST YEAR 2025

20 May – 26 May
Application Stage

- Apply online at the **ITE EAE portal**
- Three choices in order of preference, one write-up for each course
- Talent & Achievement write-up and supporting documents.

16 June – 22 July
Attend Interviews

- **Shortlisted students* will be contacted for interviews, aptitude tests etc.**

25 August – 29 August
Offers & Acceptance Stage

- Check results online.
- Successful students can choose to *accept or reject* offer.

1 September – 5 September
Withdrawal Stage

- **Students who want to cancel their acceptance must withdraw during this period. They will then be able to take part in the Joint Intake Exercise (JIE N) after the N-Level exams.**

*Selection process could be conducted either remotely (e.g. online interviews held on videoconferencing platforms), or in-person, depending on course requirements.



What to prepare?

General application

- Write Up - Personal, Talent and Achievement (100 words)
- Aptitude test, Auditions, Trials
- Interview – Individual / Group, Online or Onsite
- e-Portfolio

Good Examples Write up

About yourself | About your interest and related achievement or exposure |
What plan after completing the ITE course?

This applicant was offered and accepted into Nitec in Nursing:

Making a difference in someone's life has been my **aspiration since young**. I've gained many skills from my CCA, NCDC. With the **interest to explore the world of healthcare**, I have completed 1. Basic Cardio Life Support, 2. Urban Search and Rescue specialisation course, 3. Ignite Skills Challenge 2019. I am nominated for the Community First Responder Award, achieved the Eduave EAGLES Award, and attained bronze level of the NYA. After gaining exposure to higher learning and first aid, I have become more determined to study nursing to prepare quality **healthcare for the community with passion and care**.

Successful applicant for the 3-Year Higher Nitec in Sport Management:

I have selected this course as my 1st choice because I have a **deep passion for fitness and sports**. I developed **interest in organising sporting events** because it is something I have always wanted to do everytime I participate in a sports event. I participated in NSG which is a school tournament and I participated in it because of my CCA. In my experience as a PE Representative and a Sports Leader in school, I gained knowledge in the maintenance and **upkeep of sports equipment and facilities**. As an avid footballer, my ambition is to become a football coach and I hope to specialise in coaching and gain more knowledge about sports and fitness in this course.



What to include in a Portfolio?

Exam Results

CCA Testimonial

Relevant Projects

Community Service

Samples of Creative Work
(if applicable)



Various Interview Formats



Face-to-Face/Online Video Interview



Panel Interviews
(a few interviewers to 1 student)



Individual Interviews of 5-10 minutes
(1 interviewer to 1 student)



Group Interviews
(1 or a few interviewers to a few students)

Charting my School Experiences

Personal e-Portfolio

NAME:



SIL-ECG PORTFOLIO

Charting my growth in HS

TABLE OF CONTENT

PERSONAL

I play music

My Certificates

SCHOOL EXPERIENCES

CCA

VIA

ECG

Others

EXPLORATION

SIL Journey Page

Exploring ECG
Pathways

Using your SIL project to prepare for EAE.

Successful ITE EAE Nursing

In secondary school, I was chosen to be in Red Cross youth for GCA. In this uniform group, I have learnt first aid skills and leadership skills. I was taught to how to work in groups and to have more confidence to present myself to strangers and to better handle tasks. First aid skills that I learnt include handling injuries both in demonstration and in real life situations, casualty transportation with a stretcher. From the start of secondary 2, I struggled to lead them to be confident. Fortunately, I adapted and lead them not soft spoken. By leaders and to be more vocal and not soft spoken. By then when I reached secondary 3, I was able to lead them and I can confidently teach them on how to master foot-drills and commands, and first aid skills. From this experience throughout the year, I am able to reflect, knowing my strengths and weaknesses. Although my confidence is still not there yet, I know that I would be able to lead others soon, to be a role model to others, and show empathy to individuals.

Hokkien words

time
hiá ceng - minutes
hiá ceng - times
gá - times

negative words

shū chhiū - break back
shū ái - least have
phah chhiū - least have
jiah buah - toilet

others

phāi vā - hungry
jiah - hungry
jiah - cold
ch chhiū / bōh - ya
phā - medicine
phā - pain
phā - doctor
phāi chhiū - headache
chē kiat - go out

question

hiá tū - where pass?
hiá tū - where?
shū chhiū sim'leh? - how?

particles

chhiū - just - only
chhiū ái - just going
hāi - just bye

What I can do for my community is to help the elderly. For my EAE application, I chose dialect as Singapore has an aging population, there are many elderly people who may not speak or understand English. Choosing dialect for my EAE would be let me be able to better communicate with this group, and to have lead conversations with the elderly, and be able to understand their needs without being confused by what they are saying. Besides benefiting myself, the elderly can communicate with people like myself whom is not in their generation, without communication barriers.

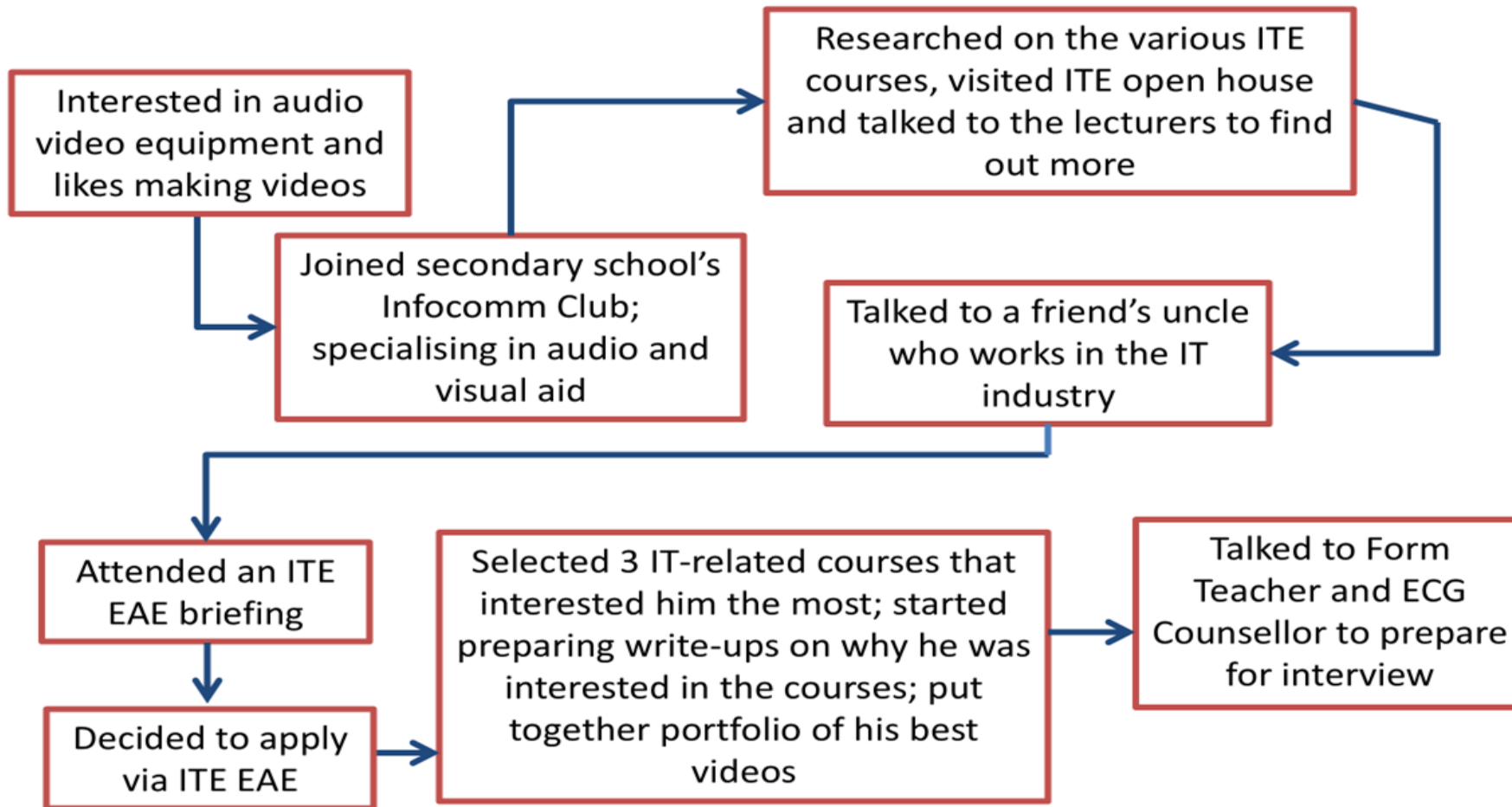
Learning Hokkien an option for me. I can use this language especially when I want to be a Nursing, a bonus point when I know different languages. I can better communicate with people bringing myself closer to the patients.

Who am I? I am Marshall Chew Qi Yuan, I am a Hougean in Hougang Secondary School; my co-curricular activity (CCA) is Red cross youth. I liked to take care of my grandmother since young. Red cross has inspired me more, wanting to know about the healthcare industry. I always

To conclude, learning hokkien is beneficial for me in the future, as Singapore has an aging population. Some elderly only speaks know their own dialect, and knowing little Mandarin to no English. Learning hokkien makes part of my passion towards nursing career as well. This would allow me to be able to have better conversations and communicate with the elderly; besides I am quite sociable, and making talking the elderly with the knowledge of hokkien easier for me. To continue this dedication of learning hokkien, I will practice talking with my parents and grandparents in hokkien more often to polish the skill. In an additional tool for my course wanting to get into Nursing.



Student Benjamin's Story



**ITE EAE
Process**



Student Nicole's Story

EAE: Playing to a strength – Making flight possible

Nicole has always been intrigued by machines used in transport and how they are constructed. Through EAE to ITE's Aerospace Technology course, she found the chance to work on some of the most complex machines of all – the engines that enable flight.



“A boat and a plane may work differently,” she said, “but they are both **solutions humans found to transport themselves over large distances.** I was very curious about how people built machines to do all this work for them!”



Applied Programme (ALP) Nicole was in Science and Technology. She learned about the basics of engineering and used a computer programme to create 3D-models of products they designed.

N-level coursework for D&T, Nicole designed a device for transport. Based on the concept of a conveyor belt, the tool helps people move a box from one place to another without having to carry it.

“I spent a lot of time reading through the course requirements,” she shared, “and also reading up on aviation and planes so that I knew what I was getting into. **It is not something many girls would do, but the more I read, the more I wanted to learn about this industry.**”



Education & Career Guidance @ The Engagement Centre (Canteen)

**School Term Tues & Wed
(except PH) 8am to 5pm**

Booking link



<https://go.gov.sg/hss-ecgc>

Book an appointment -
One to One or Group

<https://go.gov.sg/hss-ecgc>

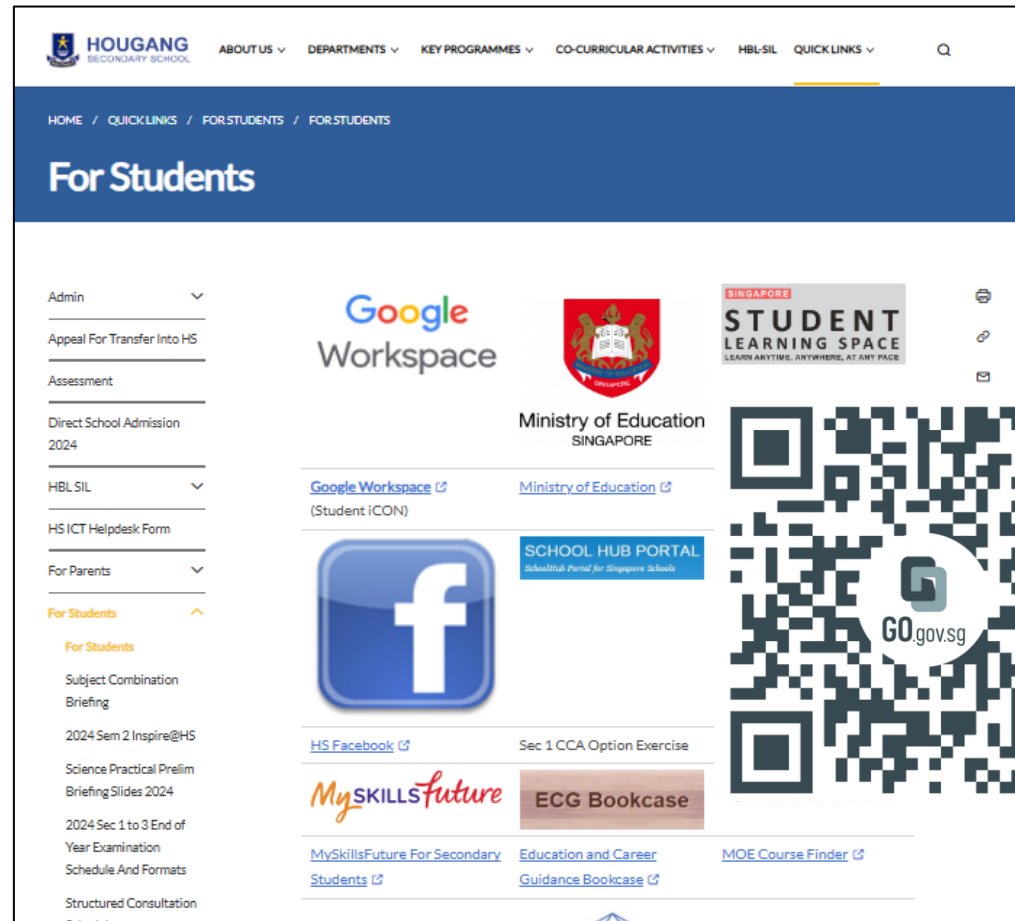
Drop me an email:

Juan_peiling@schools.gov.sg

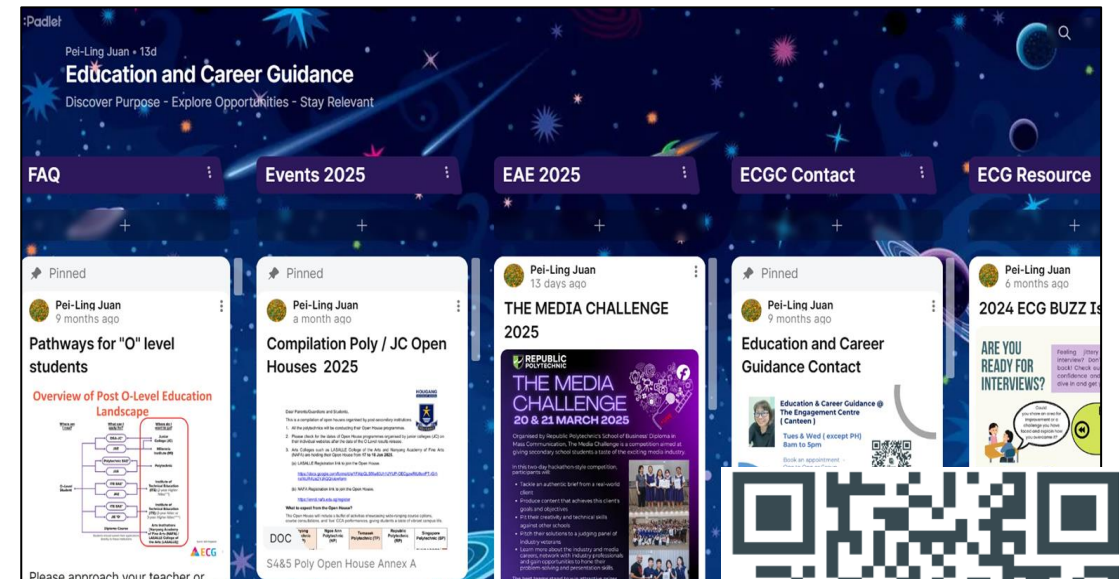
- Help students discover their strengths, interests and aspirations.
- Guide students in making informed plans for their education and career through individual and group guidance sessions or workshops.
- Support students in their applications to POLY EAE, ITE EAE, DSA-JC.

Resource

HS School Website



HS ECG Padlet



Thank
You

