

# Education and Career Guidance

## *Normal Technical Students*

**HOUGANG**  
SECONDARY SCHOOL



**Mr Elangovan**  
**Year Head**

# Education and Career Guidance - ECG

## Exploring Opportunities

Post-secondary education pathways  
Career Aspirations

## Discovering Purpose

Values, interests, personality,  
skills & strengths



## Staying Relevant

Working towards education  
and career goals

# 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

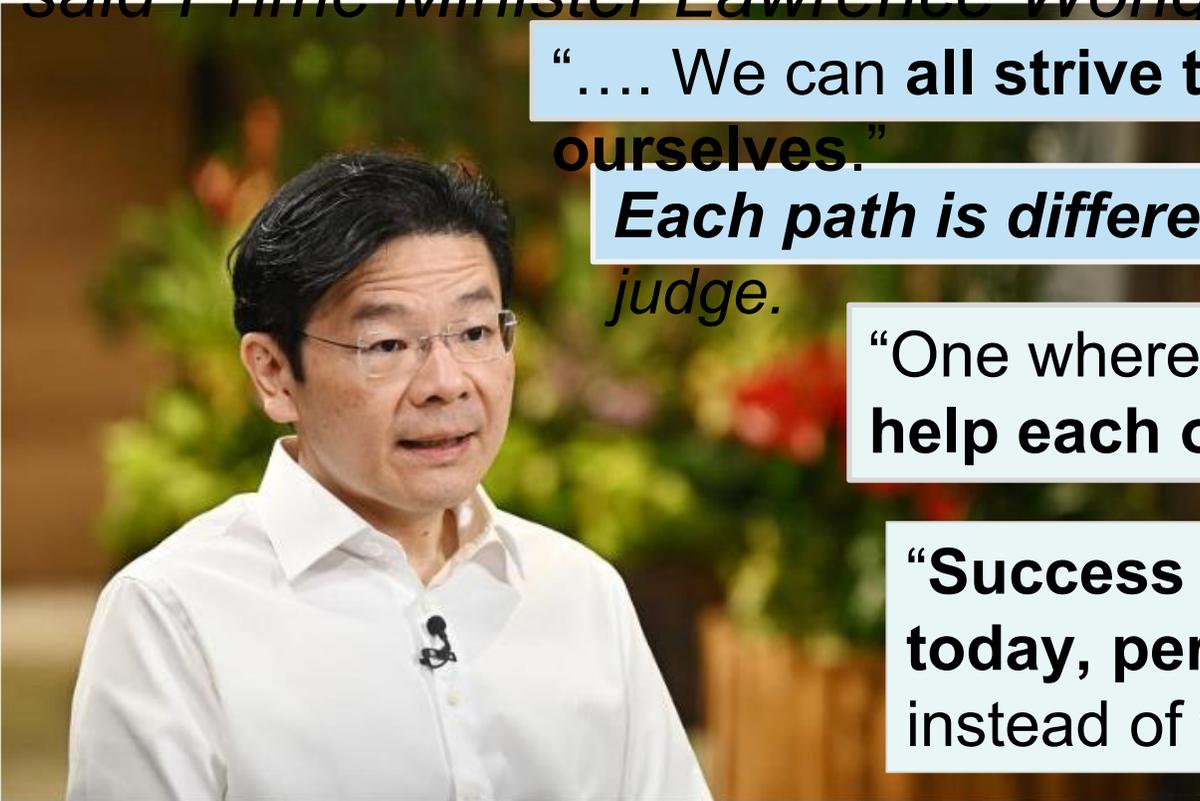
*“There needs to be a **broader definition of success** in Singapore that goes beyond narrow metrics of academic and material achievements, and where **everyone is valued for who they are**”.*  
*said Prime Minister Lawrence Wong*

**“.... 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

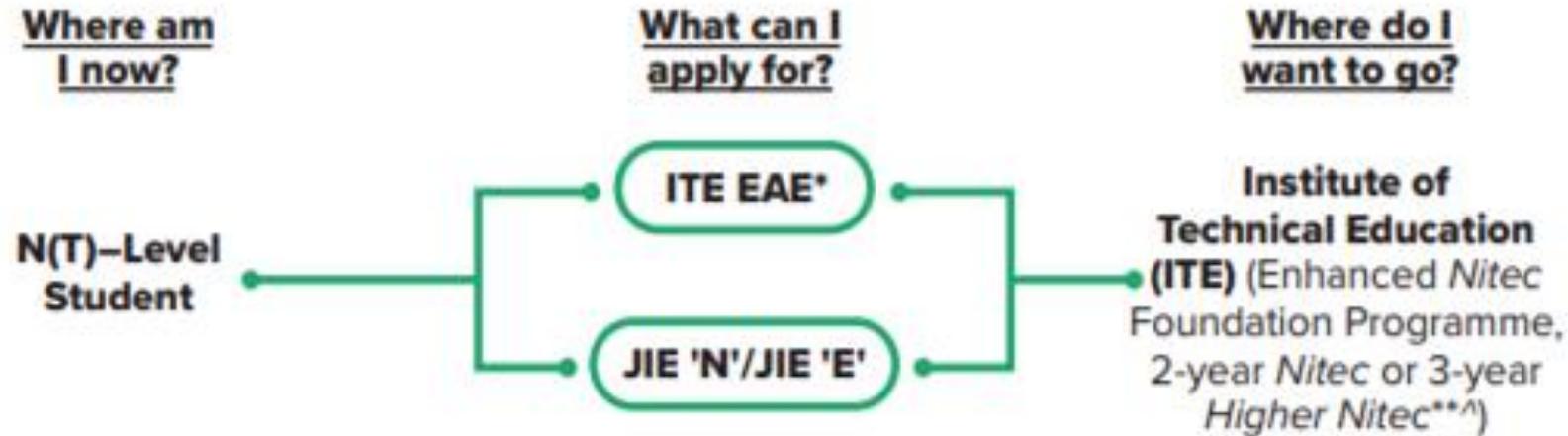
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# Post Sec Pathways – Predominantly G1 and G2 students

All pathways lead to University!



|         |   |                      |
|---------|---|----------------------|
| JIE 'N' | JIE-N: ITE 3-yr Higher Nitec<br>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<br>Completed N-Level exams with 0 or 1 passes.  | N(T) Students Only   |



# Overview of Post-Secondary Education Institutions (PSEIs)

## Polytechnics

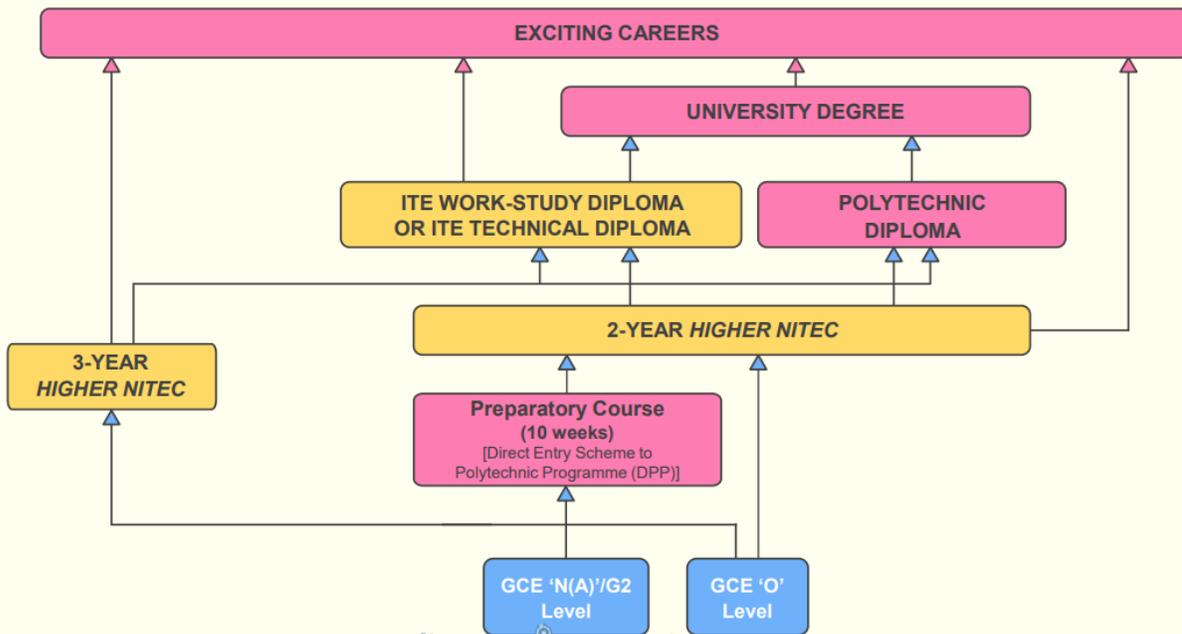
- 5 Polytechnics
- **Work-ready Diploma** and for admissions to universities
- Applied, practice-based learning experience with internships

## 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 <b>JIE'N'</b> |
|------------|------------|---------------------------------------|
| 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

MySkillsFuture ECG Bookcase **CourseFinder**

[MySkillsFuture For Secondary Students](#) [Education and Career Guidance Bookcase](#) [MOE Course Finder](#)

The screenshot shows the MOE Course Finder interface. On the left, there are search filters under the heading 'Criteria'. A blue arrow points from the 'CourseFinder' link in the navigation menu to the 'Colleges' filter. The filters include: 'Colleges' (with 'ITE College' selected), 'Aggregate' (with 'Aggregate type' set to 'Select an aggregate type' and 'Aggregate score' set to '0'), 'Field of study' (with 'Applied and Health Sciences', 'Business and Services', 'Electronics and Info-comm Technology', 'Engineering', 'Hospitality', and 'Media and Design' listed), and 'Qualification' (with 'GCE N-Level' selected). On the right, the 'Courses in ITE' section shows a list of 50 courses. The first four courses are: 'Higher Nitec in AI Applications (3 years)', 'Higher Nitec in Accounting (3 years)', 'Higher Nitec in Applied Food Science (3 years)', and 'Higher Nitec in Architectural Technology (3 years)'. Each course entry includes details like admission type, colleges, and qualification requirements.

# 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  |
|---|-------------|-------------------------|---|---|
| <b>BUSINESS &amp; SERVICES</b>  |             |                         |   |   |
| <b>Accounting ⑦</b>   | HF3AC       | CC-AM<br>CE-SM<br>CW-CK | 3<br>5  | 3 GCE 'N' Passes (Grade A-D or Grade 1-5) in English Language and two other subjects<br><b>Or</b><br>2 GCE 'O' Grades (Grade 1-8) in any two subjects |
| <b>Sport Management ①⑦</b><br><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<br>CE-SM<br>CW-CK | 6<br>13<br>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  |
|---|-------------|-------------------------|---|---|
| <b>BUSINESS &amp; SERVICES</b>  |             |                         |   |   |
| <b>Accounting ⑦</b>   | HF3AC       | CC-AM<br>CE-SM<br>CW-CK | 3<br>5<br>4   | 3 GCE 'N' Passes (Grade A-D or Grade 1-5) in English Language and two other subjects<br><b>Or</b><br>2 GCE 'O' Grades (Grade 1-8) in any two subjects |
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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.



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

# ITE EAE SCHEDULE

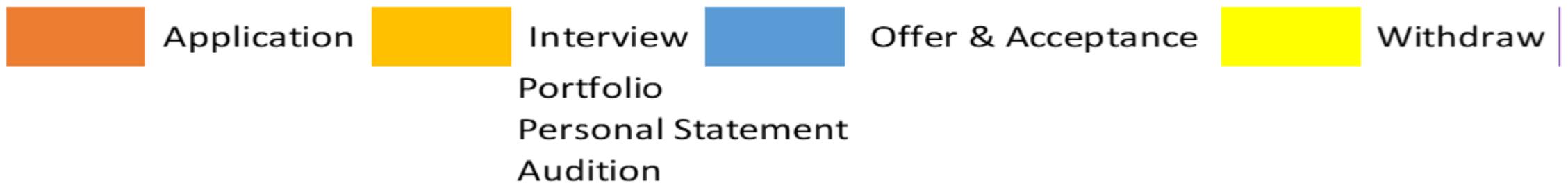
WA 2

PRELIMS

EXAMS

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

## LEGEND



**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 Cardiac 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 Edusave EAGLES Award, and attained bronze level of the NVA. After gaining exposure to higher learning and first aid, I have become more determined to study nursing so 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



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



Panel Interviews  
(a few interviewers 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



# SIL & EAE Preparation

Using your SIL project to prepare for EAE.

## Successful ITE EAE Nursing

### Introduction



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

### Conclusion

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 lead 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.

### What I chose and why

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 Nursing, a bonus point when I know different languages. I can better communicate with people bringing myself closer to the patients.

### Evidence



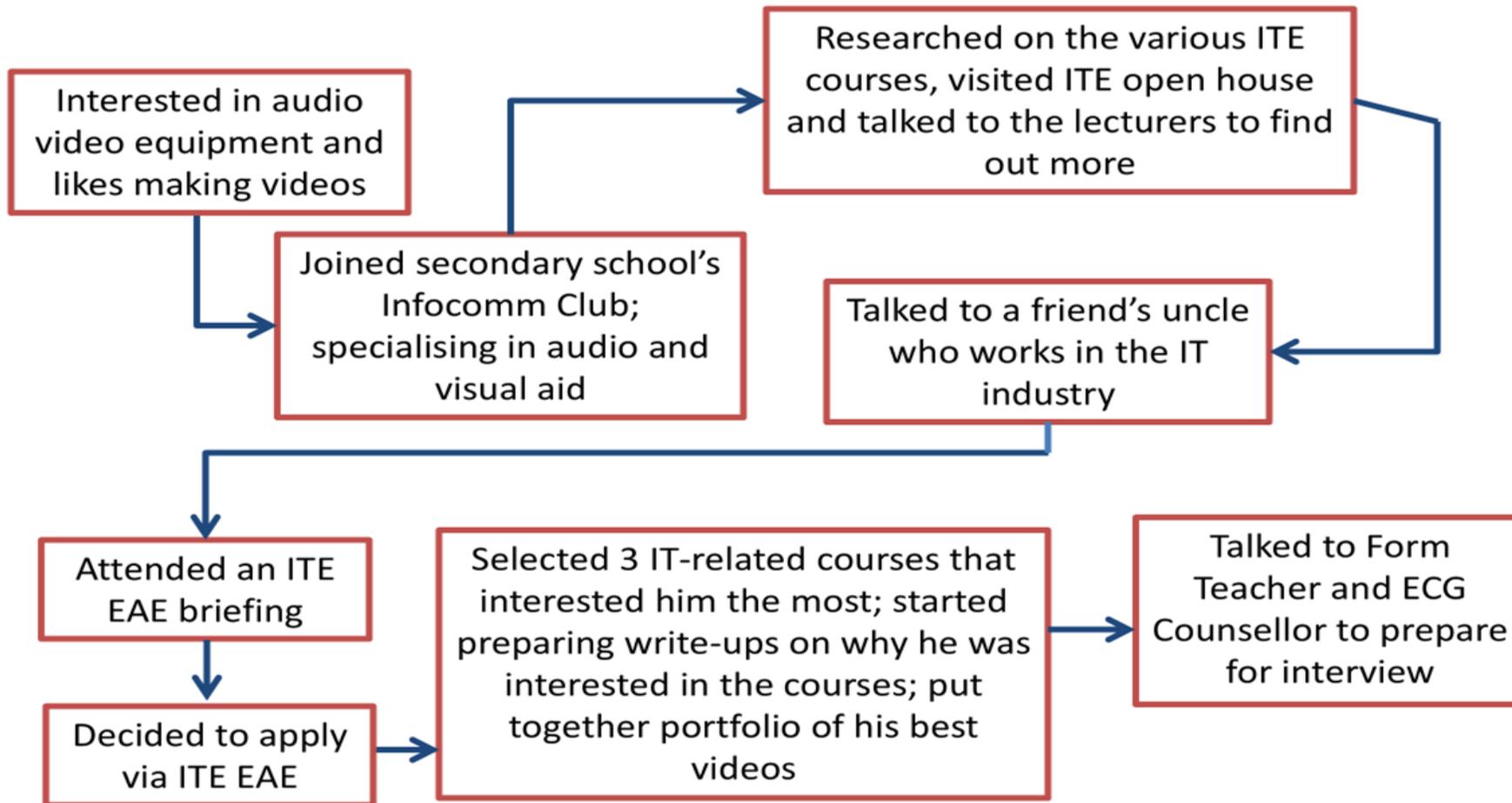
Through this experience of learning hokkien, I had some highs and lows. There were some parts where I was quite good at, and certain areas where I was unsure of. With the aid of Google and my family members' assistance knowing the dialect to do my SIL EAE project joyful and unpleasant at the same time. I used Google-translate for my research, such as searching words that I would want to know, and going onto YouTube for the pronunciations. When I managed to get it, I would ask my parents for confirmation if the word is read correctly. However, there were some low points during the project, like having no motivation or was too busy with my studies, on other examinations, leading me to waste time on procrastination and having to study for my examinations. This cause me to be unable to focus on continuing practice the dialect when nobody using with me.

### Introduction

In secondary school, I was chosen to be in Red Cross youth for CCA. 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 includes 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 the juniors. Fortunately, I adapted and lead them to be confident leaders and to be more vocal and not soft spoken. By then when I reached secondary 3, I was able to lead my juniors 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.



# 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!**”



“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.**”

**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.



# 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>**

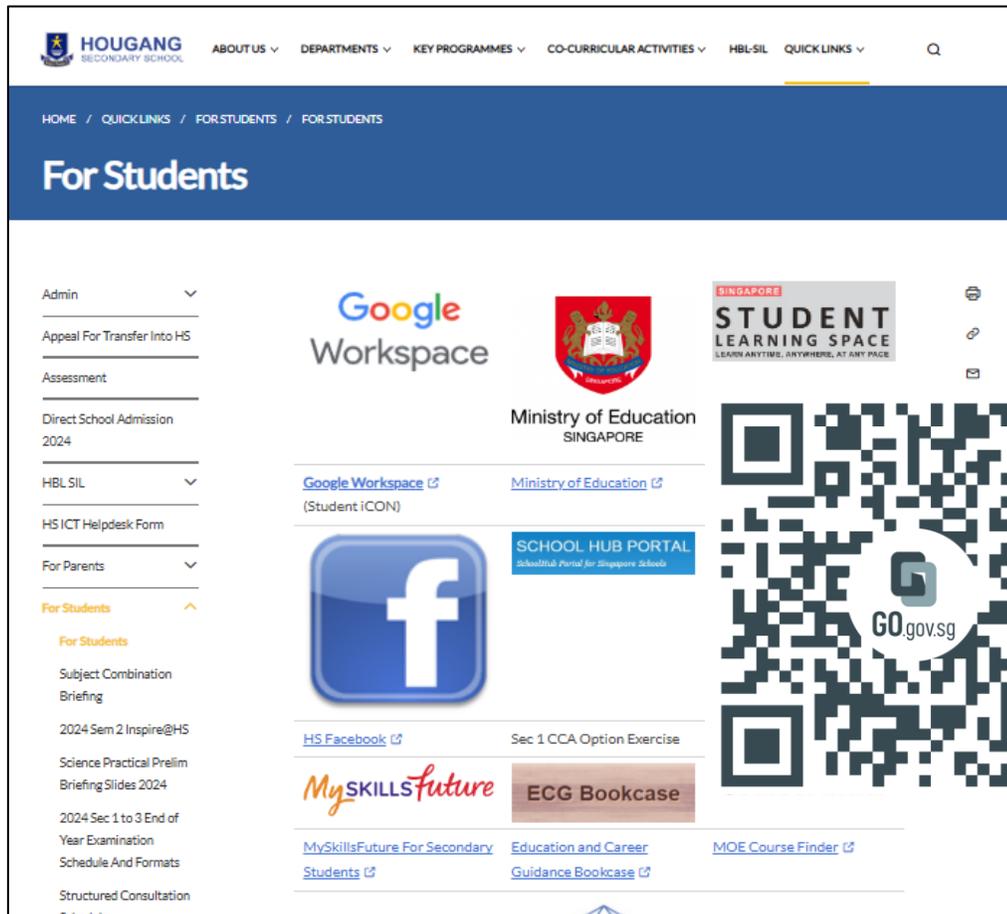
Drop me an email:

**[Juan\\_peiling@schools.gov.sg](mailto:Juan_peiling@schools.gov.sg)**

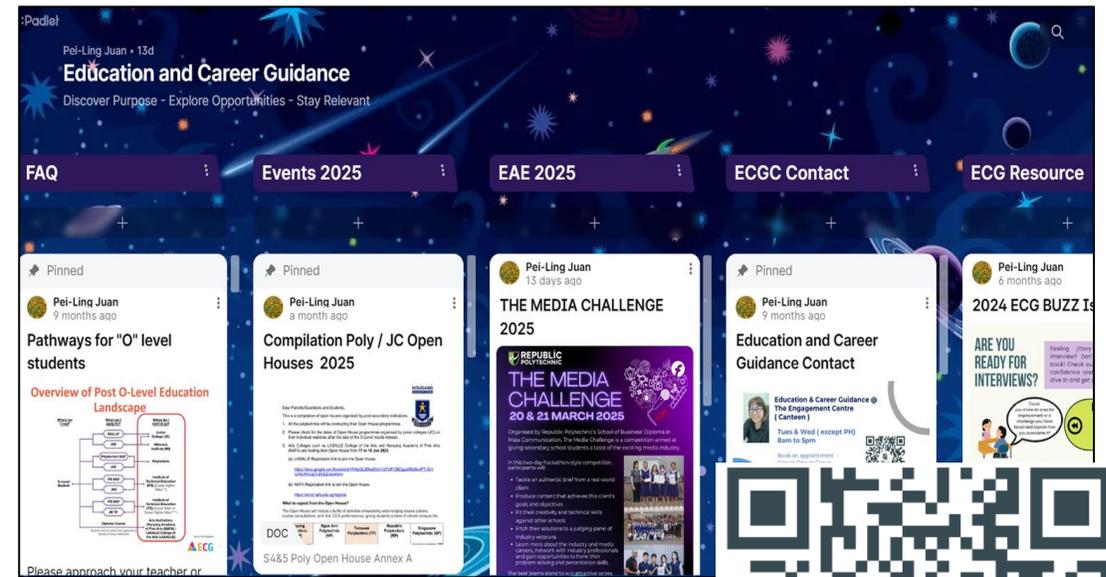
- Help students discover their strengths, interests and aspirations.
- Guide students in making informed plans for their education and career through individual and group guidance sessions or workshops.
- Support students in their applications to POLY EAE, ITE EAE, DSA-JC.

# Resource

## HS School Website



## HS ECG Padlet



Thanks  
You

