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Progression Pathways

For students taking GCE 'O' levels

Mr Nur Izhar

HOD Character and Citizenship Education (Covering)

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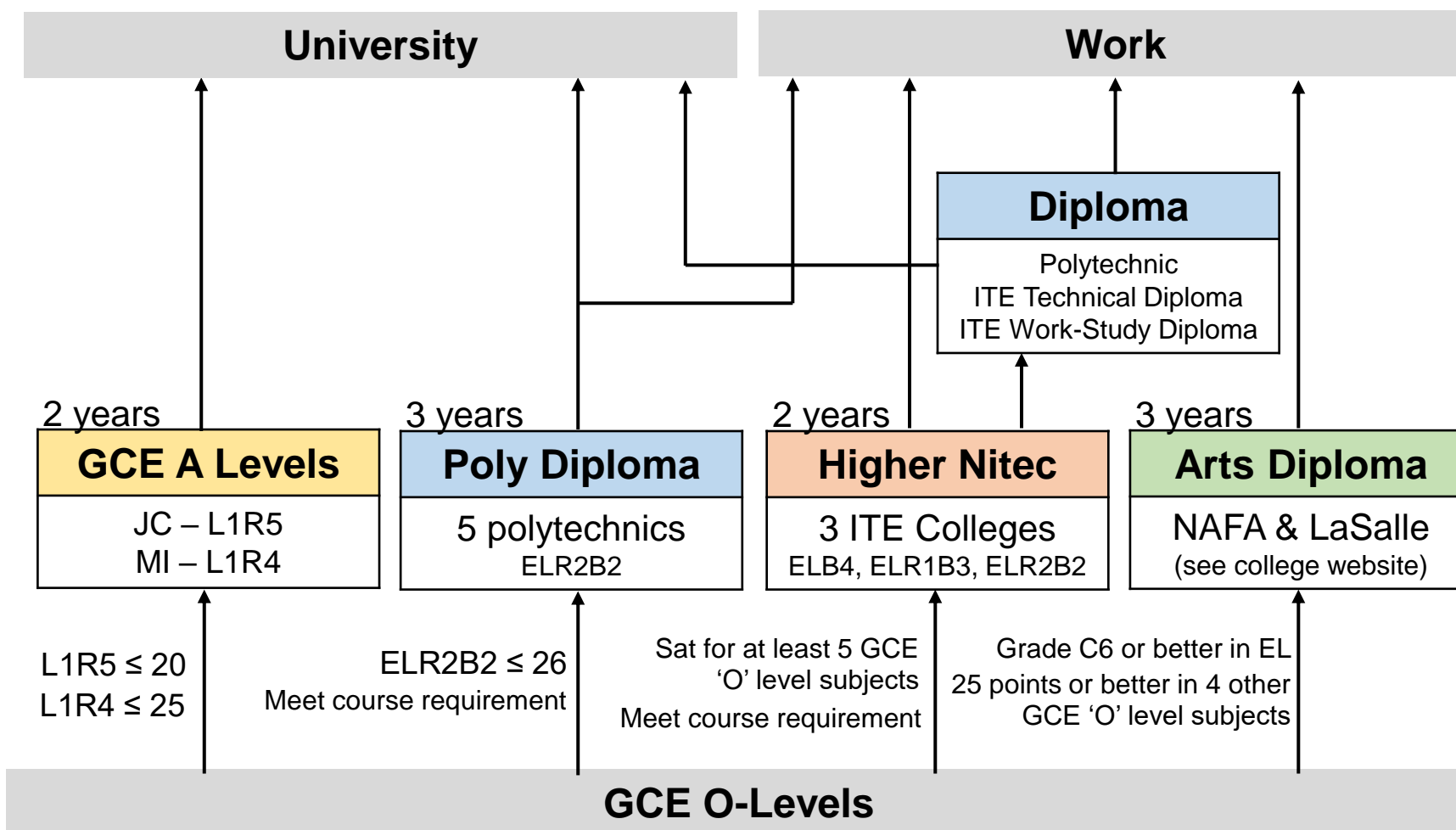
What is Joint Admission Exercise?

What is Joint Admission Exercise (JAE)?

Refers to the <u>main admission exercise</u> for eligible GCE O-Level certificate holders to apply for admission to JCs, MI, polytechnics and ITE.

Begins in January, <u>after the release of the GCE O-Level results</u>.

Students will be given an <u>individualised Form A</u>, which shows what a he/she is eligible for, and his/her various aggregate scores.

Example of Form A

Please apply your course choices by **DD/MM/YYYY, 04:00 PM**.

Your 20XX GCE O-Level Examination results:

ENGLISH LANGUAGE = A2, MALAY = B3, MATHEMATICS = C6, SCIENCE (CHEMISTRY & BIOLOGY) = B3, PRINCIPLES OF ACCOUNTS = B3, HUMANITIES (SOCIAL STUDIES, HISTORY) = B3, GEOGRAPHY = C5

CCA = EXCELLENT

> Subject description and grade obtained

> Aggregate types and gross aggregate scores (without bonus points)

Your gross aggregate scores (without bonus points):

JC	MI	Polytechnic				ITE		
L1R5	L1R4	ELR2B2-A	ELR2B2-B	ELR2B2-C	ELR2B2-D	ELB4-A	ELR1B3-B	ELR2B2-C
19	14	14	17	17	17	14	14	17

Your eligible courses:

- You meet the entry requirements for the below courses and are eligible to apply. However, a place in the course is not guaranteed as admission is based on merit, your choices and available vacancies.
- Course codes and descriptions can be found in www.moe.gov.sg/jaecourses. ← > Explore JAE courses

JC/MI:

You are eligible for all JC/MI courses. ← > Eligible courses

Polytechnic/ITE:

C- Nanyang Polytechnic, N- Ngee Ann Polytechnic, R- Republic Polytechnic, S- Singapore Polytechnic, T- Temasek Polytechnic V- Institute of Technical Education

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C27  C28  C29  C30  C31  C32  C34  C35  C36  C38  C41  C42  C43  C45  C46  C47  C49  C50  C51
C52  C54  C62  C65  C67  C69  C70  C71  C72  C73  C75  C80  C81  C85  C87  C89  C93  C94  C96
C97  C98  N11  N12  N13  N14  N15  N40  N41  N42  N43  N44  N45  N48  N50  N51  N53  N54  N55
N56  N57  N59  N60  N65  N67  N69  N71  N72  N73  N74  N81  N82  N83  N85  N91  N93  N94  N96
N97  N98  R11  R12  R13  R14  R16  R17  R18  R19  R21  R22  R24  R25  R26  R28  R32  R33  R34
R35  R36  R37  R39  R40  R42  R43  R45  R46  R47  R48  R49  R50  R52  R54  R55  R56  R57  R58
R59  R60  R61  R62  R63  R64  R65  S28  S29  S30  S31  S32  S38  S40  S42  S47  S48  S50  S53
S54  S63  S64  S66  S67  S68  S69  S70  S71  S73  S74  S75  S76  S88  S89  S90  S91  S94  S95
S98  S99  T01  T02  T04  T07  T08  T09  T10  T13  T18  T20  T22  T23  T25  T26  T28  T29  T30
T33  T35  T38  T40  T43  T45  T48  T50  T51  T53  T56  T58  T59  T60  T62  T63  T64  T65  T66
T67  T68  T69  T70  T71  V10  V11  V12  V13  V14  V15  V16  V17  V18  V19  V20  V21  V22  V23
```

Aggregate Types

The admission to JC, MI, polytechnics and ITEs requires <u>different aggregate types</u>.

Legend:
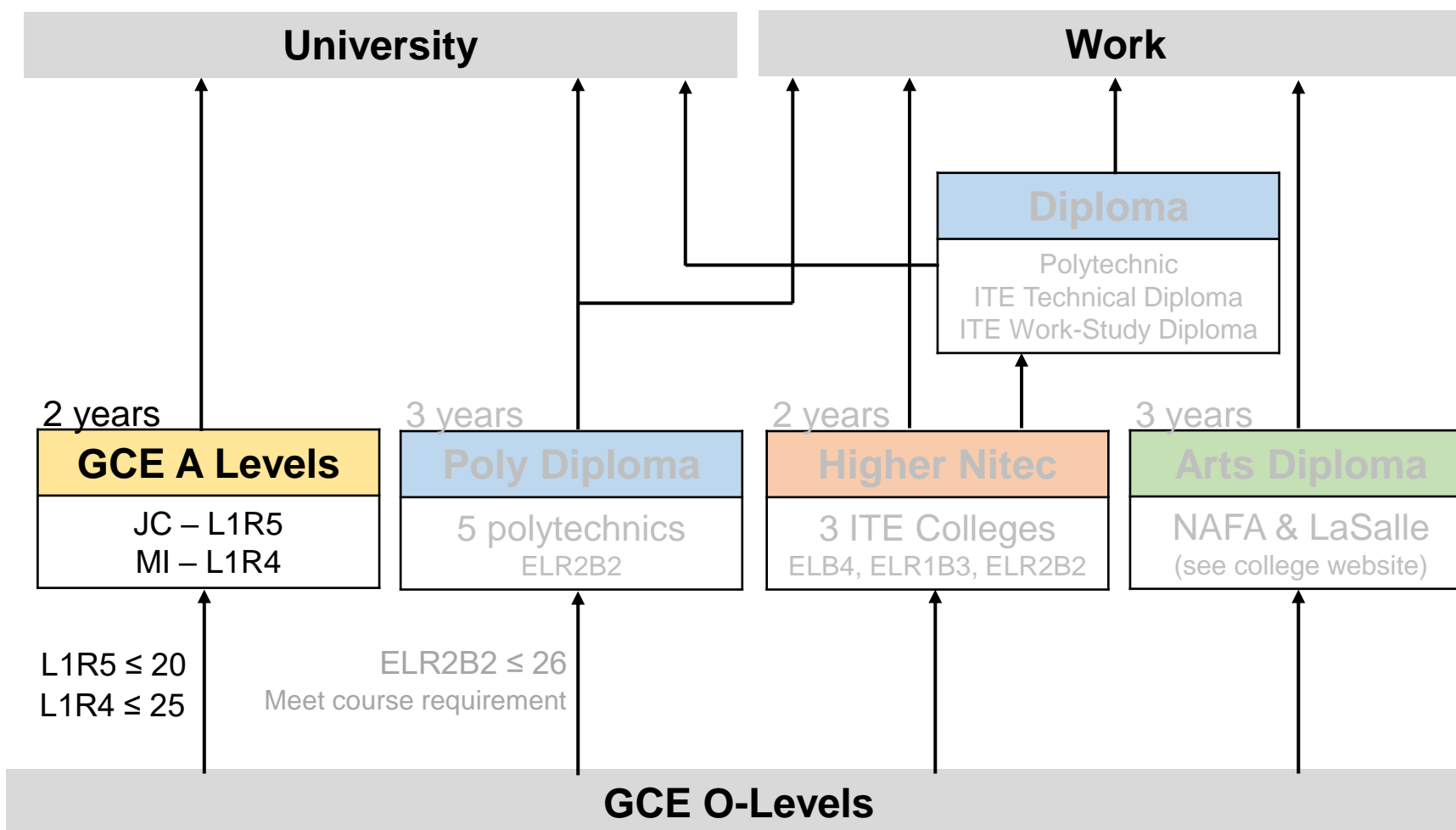L – language; EL – English; R – relevant; B – best

CCA = EXCELLENT

Aggregate types and gross aggregate scores (without bonus points)

Your gross aggregate scores (without bonus points):

JC	MI	Polytechnic				ITE		
L1R5	L1R4	ELR2B2-A	ELR2B2-B	ELR2B2-C	ELR2B2-D	ELB4-A	ELR1B3-B	ELR2B2-C
19	14	14	17	17	17	14	14	17

Post-Secondary Pathways

Post-Secondary Pathways
Information regarding GCE A Levels

Minimum Entry Requirement:
- Gross L1R5 ≤ 20 for Junior Colleges
- Gross L1R4 ≤ 25 for Millenia Institute

Appeals will not be accepted if applicants do not meet the minimum entry requirement.

L1R5	Subjects
L1	English or Higher MTL
R1	Any 1 best-scoring subject from Humanities
R2	Any 1 best-scoring subject from Mathematics or Science
R3	Any 1 best-scoring subject from Humanities, Mathematics or Science
R4, R5	Any 2 best-scoring subjects

Grade Requirements:
- English Language: min C6
- Any 1 Mathematics: min D7
- Any 1 MTL: min D7 (or min E8 for HMTL)

Conditional admission may apply if applicant does not make the grade requirement.

Refer to MOE JAE website for more information.

If Higher MTL is used as the L1, then MTL **cannot** be used as an R4/R5 relevant subject.

Post-Secondary Pathways
Information regarding GCE A Levels

Minimum Entry Requirement:
- Gross L1R5 ≤ 20 for Junior Colleges
- Gross L1R4 ≤ 25 for Millenia Institute

Each JC has its own cut-off points. The cut-off points may also <u>differ</u> for the <u>Science</u> and <u>Arts</u> streams within the same school.

Jurong Pioneer Junior College

📍 Choa Chu Kang
   21 Teck Whye Walk, S688258

☑ 2024 JAE L1R5 aggregate: | Arts: 9 - 15 | Science: 5 - 14 |

Refers to the **net** L1R5 score
i.e. with bonus points

Eunoia Junior College

📍 Bishan
   2 Sin Ming Place, S573838

☑ 2024 JAE L1R5 aggregate: | Arts: 3 - 7 | Science: 2 - 6 |

An applicant with a net L1R5 score of 7 and admitted into the Arts stream cannot transfer to the Science stream in the same school.

Bonus points:
Applicants can get a maximum of 4 bonus points from the following combinations.
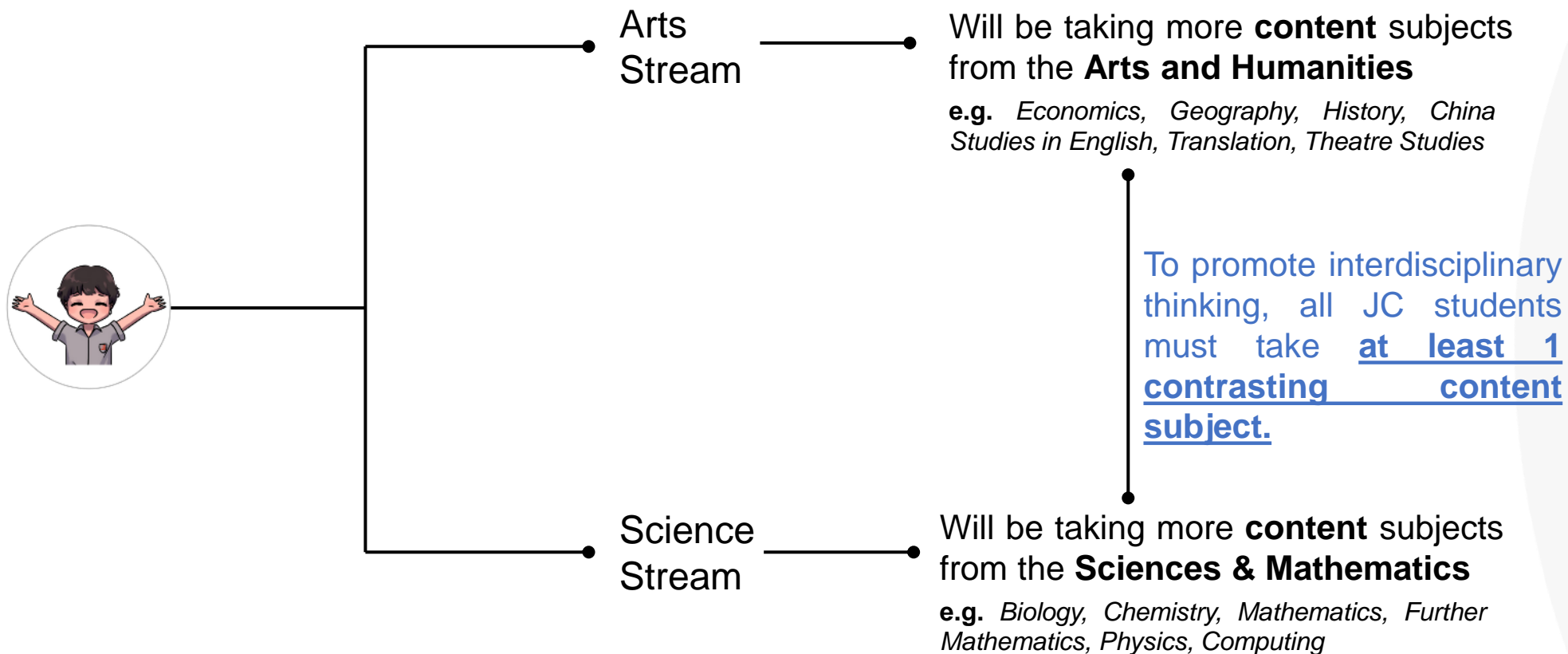
CCA Grade		EL & HMT Grade
Excellent A1 or A2	Good B3 to C6	A1 to C6
2 bonus points	1 bonus point	2 bonus points

Applicants can get an additional 2 bonus points if they have applied **AND** are selected for Chinese, Malay of Tamil Language Elective Programmes. However, not all JCs offer the language elective programmes.

Successful applicants must remain in the LEP programme while in JC, or they can be asked to leave.
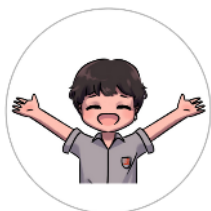
Post-Secondary Pathways
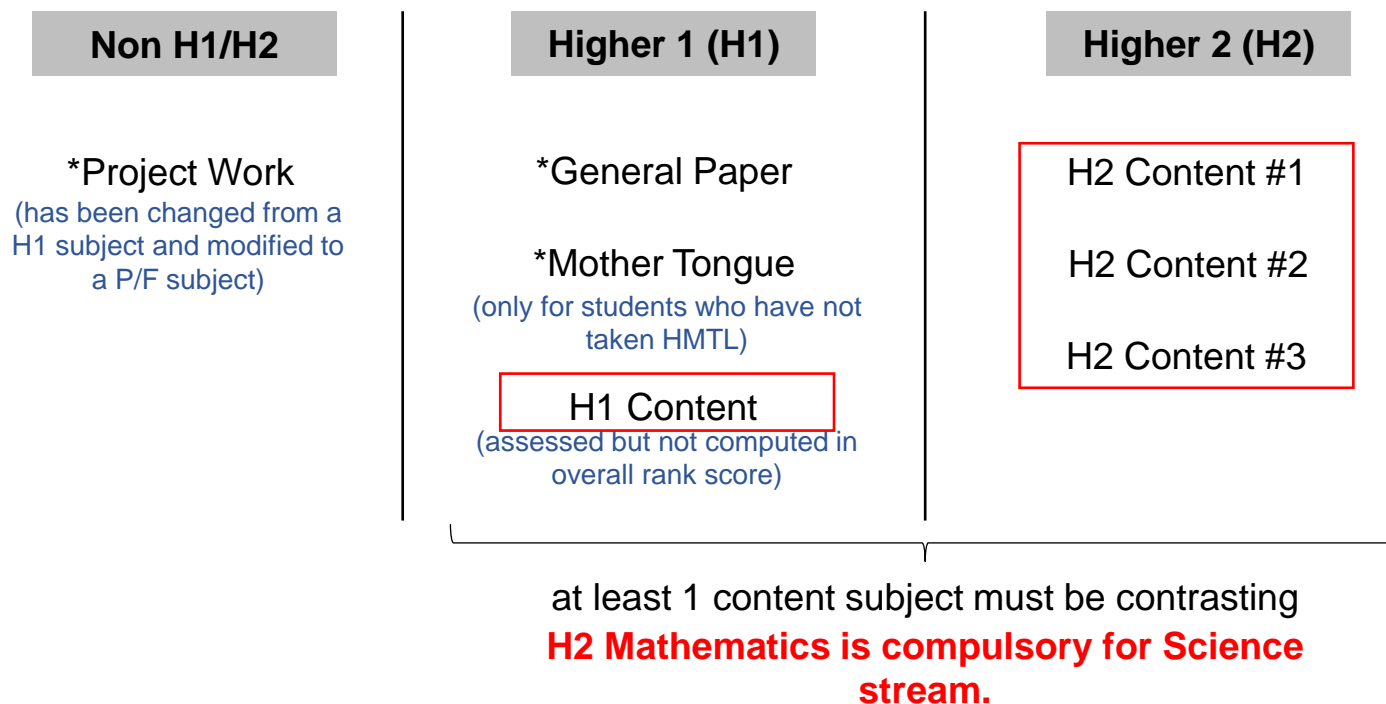**Information regarding GCE A Levels**

Arts Stream ─── Will be taking more **content** subjects from the **Arts and Humanities**

e.g. *Economics, Geography, History, China Studies in English, Translation, Theatre Studies*

To promote interdisciplinary thinking, all JC students must take **at least 1 contrasting content subject.**

Science Stream ─── Will be taking more **content** subjects from the **Sciences & Mathematics**

e.g. *Biology, Chemistry, Mathematics, Further Mathematics, Physics, Computing*

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Post-Secondary Pathways
Information regarding GCE A Levels

A typical student will take:

Most content subjects are **offered at both H1 and H2 level**, with some exceptions e.g. Computing, China Studies in English are exclusively offered at H2 level.

Non H1/H2	Higher 1 (H1)	Higher 2 (H2)

Non H1/H2

*Project Work
(has been changed from a H1 subject and modified to a P/F subject)

Higher 1 (H1)

*General Paper

*Mother Tongue
(only for students who have not taken HMTL)

H1 Content
(assessed but not computed in overall rank score)

Higher 2 (H2)

H2 Content #1

H2 Content #2

H2 Content #3

H2 subjects have <u>double the number of learning outcomes</u> than its H1 counterpart.

at least 1 content subject must be contrasting

H2 Mathematics is compulsory for Science stream.

Consequently, H2 subjects have <u>double the timetabled hours</u>, and <u>double the number of papers</u> to sit for in an examination.

Subject Combinations:

JCs provide a many subject combinations to cater to students' personal interests, abilities and future career choices. Students are advised to choose a subject combination carefully that <u>best suits their needs</u> and <u>aspirations</u>.

Important:
1. Students may not be offered all the available subject combinations in the given stream.

    E.g. *students with <u>no Sci (Phy) or Phy</u> will not be offered any subject combinations with H2 or H1 Physics.*

Subject Combinations:

JCs provide a many subject combinations to cater to students' personal interests, abilities and future career choices. Students are advised to choose a subject combination carefully that <u>best suits their needs</u> and <u>aspirations</u>.

Important:

2. JCs may not offer all subjects examinable in the GCE A-Levels

   E.g. only 9 JCs offer Computing; 4 JCs offer China Studies in English; 3 JCs offer Theatre Studies.

Subject Combinations:

JCs provide a many subject combinations to cater to students' personal interests, abilities and future career choices. Students are advised to choose a subject combination carefully that <u>best suits their needs</u> and <u>aspirations</u>.

Important:
3. JCs may place additional requirements for certain subjects. These requirements may also differ between JCs.

E.g. ACJC has a selection test for H2 Computing; JPJC does not.

E.g. JCs have different practices for students who have taken Combined Science at O-Levels and whether they can take double sciences at H2 level.

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Teaching & Learning in JC

JCs adopt a lecture-tutorial system, similar to universities.

Lectures can be conducted in-person i.e. in a lecture theatre with about 100-500 students, or via online as self-directed learning.

Tutorials are conducted in a smaller class size (~25 students). The aim of tutorials is for the tutor to clarify students' doubts and to go through past A level questions as practice.

Teaching of content is done in lectures. Due to the large group size, students may not have the opportunity to ask questions.

Tutorials are generally slower in pace than lectures. Lectures can sometimes be 1-2 chapters ahead of tutorials.

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Post-Secondary Pathways
Information regarding GCE A Levels

A typical journey:

end of syllabus

| H2 Content |
| H2 Content |
| H2 Content |
| H1 Content | — assessed, but computed in University Admission Score (UAS) only if it raises the UAS |
| H1 General Paper |
| H1 Mother Tongue | — only an S grade (40%) required for university admission |
| Project Work | — P/F subject - only a P grade is required for university admission |

Feb   Sep   Nov   Jul   Nov

Year 1   Year 2

Note: CCA is <u>not compulsory</u> in many JCs, but important for holistic development and peer support

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What about Millenia Institute?

Similarities:
- Students take the same suite of subjects as JCs i.e. 3H2 + 1H1 + General Paper + Project Work + MTL

Differences:
- Offers **3 streams** instead of 2 (Science, Arts, & Commerce)
- 3-year programme, with National Examinations at Year 2 and 3

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Is JAE the only route for admission to a Junior College?

Direct School Admission (JC)

Allows students to apply to a DSA school **before** taking the GCE O-Level examinations.

The application is based on his/her talent in sports, CCAs and specific academic areas that may not be demonstrated at the O-Level examinations.

Examples from ACJC

- Drama Elective Programme (DEP) (Girls and Boys)
- English Debating (Girls and Boys)
- Humanities Programme (Girls and Boys)
- Choir (Girls and Boys)
- Concert Band (Girls and Boys)
- Modern Dance (Girls and Boys)
- Music Elective Programme (MEP) (Girls and Boys)
- String Ensemble (Girls and Boys)

Direct School Admission (JC)

Allows students to apply to a DSA school **before** taking the GCE O-Level examinations.

The application is based on his/her talent in sports, CCAs and specific academic areas that may not be demonstrated at the O-Level examinations.

Important Timeline

6 May

Application begins.
Apply directly to the schools.

24 Jun to 7 Aug

Phase 1 outcome

15 to 17 Aug

Accept Phase 1 offer

Other dates

Refer to MOE DSA(JC) website

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Why choose JC?

- Fastest academic route to a university.

- Greater flexibility in university course selection.

- Stronger academic foundation as the JC curriculum is very rigorous, and develops critical thinking, writing and analytical skills.

- Competitive learning environment.

- Provides a well-rounded education experience beyond academics.

Recognise your learning style, motivations, and readiness to learn, unlearn, and relearn in a fast-paced and competitive learning environment.

The A-Levels is a <u>preparatory course for university</u>, and not for employment.
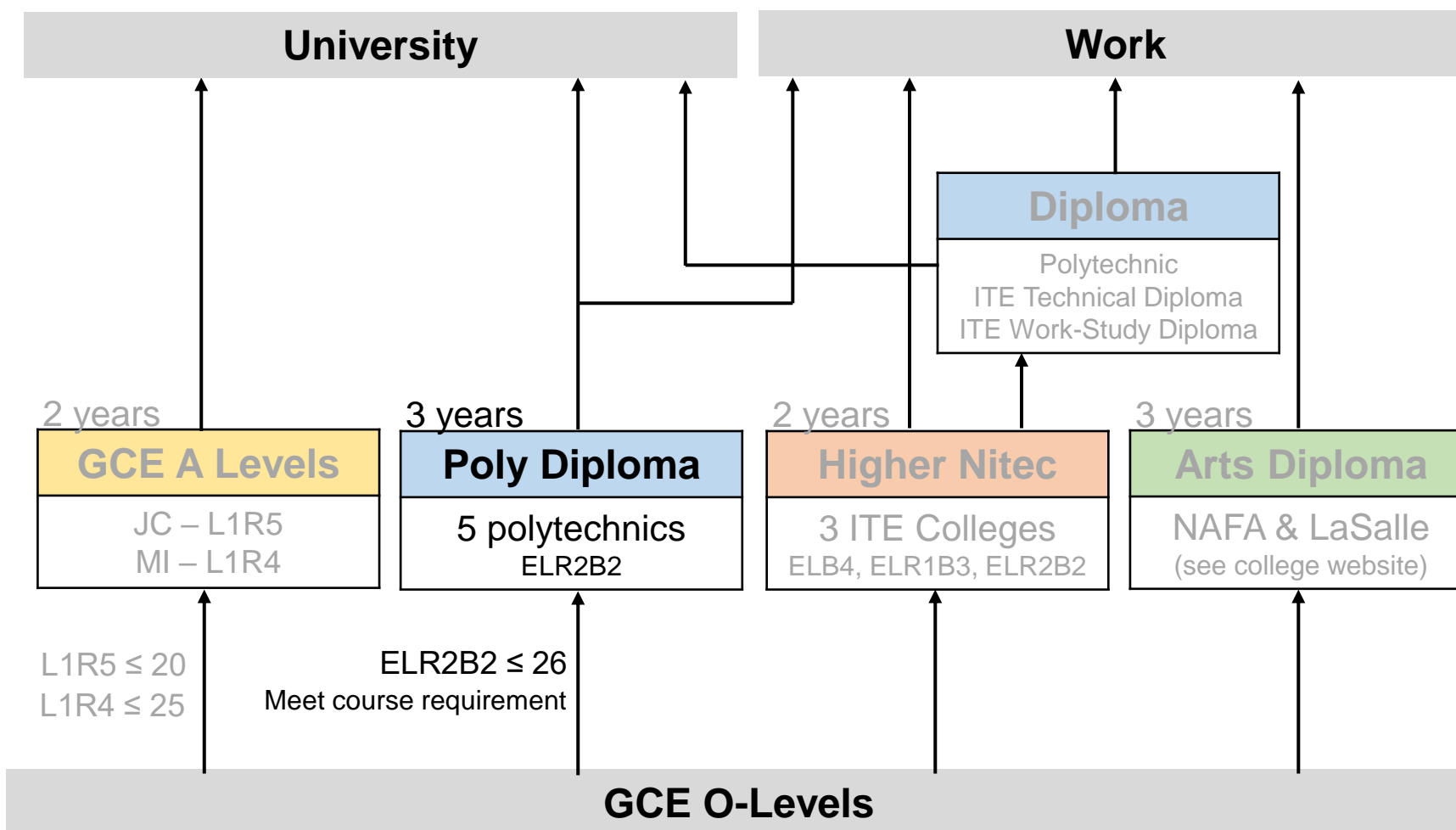
Minimum Entry Requirement:
- **Net** ELR2B2 ≤ 26, **and**
- must meet the requirements of the course one is applying for

Each polytechnic course uses <u>one of these aggregate score</u> types to assess course eligibility:

Types
ELR2B2-A
ELR2B2-B
ELR2B2-C
ELR2B2-D

Communications & Media Management
Course code: **T40**
☑ Admission Type: **JAE, JPAE, Poly EAE, PFP, DAE**

🏛 **Temasek Polytechnic**
☑ 2024 JAE ELR2B2-A aggregate : **5 - 12**

Aerospace Electronics
Course code: **S90**
☑ Admission Type: **JAE, DAE, JPAE, Poly EAE, PFP**

🏛 **Singapore Polytechnic**
☑ 2024 JAE ELR2B2-C aggregate : **5 - 12**

Accountancy & Finance
Course code: **C98**
☑ Admission Type: **JAE, DAE, JPAE, Poly EAE, PFP**

🏛 **Nanyang Polytechnic**
☑ 2024 JAE ELR2B2-B aggregate : **6 - 12**

Common Design Programme
Course code: **T71**
☑ Admission Type: **JAE, JPAE, Poly EAE, PFP, DAE**

🏛 **Temasek Polytechnic**
☑ 2024 JAE ELR2B2-D aggregate : **6 - 14**

Bonus points:
Applicants can get a <u>maximum of 2 bonus points</u> from their CCA grade.

CCA Grade	
Excellent A1 or A2	Good B3 to C6
2 bonus points	1 bonus point

Academic Load

A typical academic structure of a polytechnic student looks like this:

Year	Focus / Approach
One	Foundation modules in core subjects, general education modules
Two	Advanced modules, more coursework, projects
Three	Industry attachments (internships), final-year projects (FYP), electives

students typically take 5-7 modules per semester

As polytechnics prepare students for work, the learning approach is <u>more hands-on</u>. Content is taught and assessed in a <u>modular fashion</u>, and lessons can take many forms e.g. seminar, online, lectures, tutorials.

The mode of assessment also varies.

Niche Areas of Polytechnics

While all polytechnics offer diploma programmes leading to employment (and university), each has its <u>own niche areas</u>.

Polytechnic	Niche Areas
NYP	IT, Engineering, Business, Design, Nursing, Life Sciences
RP	Problem-Based Learning (PBL), Sports Science, IT, Engineering
SP	Engineering, Maritime, Business, Media
TP	Hospitality, Media & Design, Applied Sciences, Psychology
NP	Business, IT, Mass Communication, Life Sciences, Social Sciences

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Can I pursue a university degree after polytechnic?

Pursuing a Degree after Diploma

Unlike JC students who have more flexibility, polytechnic students are usually limited to courses related to their diploma.

Competition is keener for courses in NUS and NTU. Additional requirements may also apply.

Single Degree Programme	Acceptable Diplomas from Ngee Ann Polytechnic	Selection test / Interview
Common Computer Science Programmes	Acceptable diplomas consist of the following: • All full-time diplomas • Technology (part-time) And - Meet Mathematics requirements	No
Data Science and Economics[4]	All full-time diplomas <u>and</u> present one of the following Diploma- Plus (or related) certifications in Mathematics: - Diploma Plus Programme (Certificate in Advanced Computing Mathematics) - Diploma Plus Programme (Certificate in Advanced Engineering Mathematics)	No

GPA: 3.80 to 3.98
(for AY2024/2025)

GPA: No information
(for AY2024/2025)

Pursuing a Degree after Diploma

However, SIT and SUSS are universities that cater more towards polytechnic graduates due to its <u>industry-focused degree</u> programmes.

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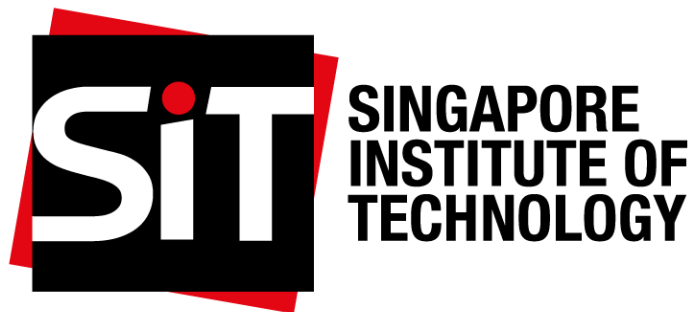
Is JAE the only route for admission to a Polytechnic?

Polytechnic Early Admissions Exercise (EAE)

An aptitude-based admissions exercise that allows students to apply for and receive **conditional offers** for admission to polytechnics <u>prior to</u> receiving their O-Level examination results.

- Each polytechnic has its own selection criteria. Students must demonstrate interest and aptitude for the course they are applying to.

- Selection process will require portfolio submissions, interviews, and aptitude tests.

Polytechnic Early Admissions Exercise (EAE)

An aptitude-based admissions exercise that allows students to apply for and receive **conditional offers** for admission to polytechnics prior to receiving their O-Level examination results.

- Students must still meet the polytechnic admission criteria (net ELR2B2 ≤ 26) **AND** minimum entry requirement of the course you are offered, upon the O-Level results release.

Why choose Polytechnics?

• More hands-on learning as the courses are industry-focused.

• Best for students who would like a direct path to a job in IT, Business, Media, Healthcare, Engineering.

• Broader range of specialised courses, compared to JC route.

• Best for students who prefer continuous assessment over one major exam.

• Internships and real-work experience.

Recognise your learning style, motivations, and what you would like to do after graduating from polytechnic.

Choosing the polytechnic route means committing to a particular industry. **But are you aware of which industries align with your personality, values, interests, and skills?**

Comparison between JC and Polytechnics

Junior College / Centralised Institutes	Polytechnics
2 years (JC) / 3 years (MI)	3 years
Entry by L1R5 / L1R4	Entry by ELR2B2
Prepares students for GCE 'A' level examinations or the International Baccalaureate (IB) diploma	Hands-on practice-based learning with work attachments as part of curriculum
$33 monthly (for SC)	$3100 annually (for SC)

Bursaries, polytechnic aid, and loans are available

Are there cases where students have switched from JC to polytechnic and vice versa midway?

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What should I do now?

Reflect on the following:

1. Do you know what career or industry you want to enter? How much research have you done?

   What career or industry have you not explored? Why not?

2. Is going to a local university a priority?

   Why is this a priority? University is not the end point of learning!

3. Would you prefer to start working earlier, or do you want a longer academic journey?

   Are there circumstances that require you to start working earlier?

4. Do you prefer studying theories and concepts, or do you learn better through hands-on projects and real-world applications?

   What substantial evidence can you provide to prove either points?

5. Are you disciplined enough to self-study and prepare for major exams?

   How disciplined are you now?

Preparation:

Academic Preparation	Non-Academic Preparation
Regardless of your choice, having good academic grades allows you to have more options. Admission to JCs or polytechnics is still a merit-based system.	• Consider leadership opportunities within your CCA.
• Consistent review and revision	• Build and maintain your e-portfolio.
• Seek help when needed	• Continue to research on courses, industries etc, and determine how it aligns with your values, skills, personality and interests.
• Readiness for and receptiveness to feedback	
• Develop good self-regulation habits	• Participate actively in ECG-related activities!
• Develop good attendance and punctuality habits	

Parents can help to:

1. Explore your child's interests and develop his/her strengths.

2. Support him/her to research on the courses he/she is interested in and the related courses in the sector.

   Reserve judgement - do not be too quick to say no to a particular course. Listen to your child and explore options together.

3. Prepare early if considering for DSA or EAE.

   Keep up to date on the application deadlines.

Post-Secondary Pathways
What I should do now

Mr Chan Chun Sing
Minister for Education

As parents, we all want what is best for our children…

*Within our own families, we can all spend a bit more time **listening to our children's thoughts and feelings**.*

*Let us **walk alongside them** as they grow and handle their new challenges.*

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Post-Secondary Pathways

Want to speak to the ECG Counsellor?

Make an appointment by:
1) clicking on this weblink (https://go.gov.sg/jss-ecg)

2) scanning this QR code

3) emailing to:
ivy_nyam_lee_chin@schools.gov.sg

In JSS every Mon and Wed

https://go.gov.sg/jss-ecg

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Post-Secondary Pathways

Scan for the MOE CourseFinder website!

https://for.edu.sg/coursefindermoe

Scan for some ECG tips for parents!

https://for.edu.sg/ecgtipsforparents

Scan for the MySkillsFuture website!

https://for.edu.sg/mysfsec

Scan for MOE's website to explore post-sec pathways!

https://for.edu.sg/postsecpathways

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Feedback

Your feedback is valuable to us.

Thank you, and we look forward to continual home-school partnership!

https://go.gov.sg/jssusmtpsurvey25

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Thank You

Mr Nur Izhar
HOD Character and Citizenship Education (Covering)