JOINT ADMISSIONS EXERCISE 2023

INFORMATION BOOKLET

For Candidates Seeking Admission to:

Junior Colleges

Millennia Institute

Polytechnics

Institute of Technical Education

Ministry of Education
SINGAPORE

Joint Admissions Exercise 2023

This information booklet is for students seeking admission to junior colleges, Millennia Institute, polytechnics and Institute of Technical Education in 2023. This information is also available on the JAE website at **www.moe.gov.sg/jae*.***

The information published in this booklet is correct as at time of preparation.

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Produced by:
Ministry of Education
Singapore
Published in September 2022

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Ministry of Education
SINGAPORE

To be completed by Parent/Guardian*****:

Name of Child	: _____
NRIC/FIN/Passport No*****	:_____
Contact No.	: _____

PROXY FORM

Please use this proxy form to nominate another adult to collect the GCE O-Level examination results slip/Form A from your child's secondary school and/or to submit the completed JAE Worksheet.

This form may take you 5 minutes to complete.

Important Notes:

1) The appointed proxy must be aged 21 and above.
2) The appointed proxy is required to submit this completed proxy form and relevant supporting documents listed below to the school during JAE registration period. The supporting documents are:
   - Parents'/guardian's NRIC/Passport
   - Child's NRIC/Birth Certificate/Passport
   - Child's Singapore-Cambridge GCE O-Level Certificate(s)/Results Slip(s)
   - Child's CCA Certificate(s)
   - Proxy's NRIC

To: Ministry of Education

I, parent/guardian* of _____ (Name of Child), _____ (NRIC/FIN/Passport No.*****), would like to appoint Mr/Mrs/Mdm/Miss***** _____ (Name of Proxy), _____ (NRIC no.) to:

1	Collect GCE O-Level examination results slip, Form A or other relevant documents******	Yes / No*
2	Submit the completed JAE Worksheet	Yes / No*

By appointing the proxy, I have authorised the person to act on my behalf without any reservations. I will bear full responsibility if the proxy fails to perform any of the above as authorised by me.

I also understand that, by authorising the proxy to complete and submit the completed JAE Worksheet, any choices made by the proxy would be officially binding.

_____	_____	_____
Name of Parent/Guardian*****	Signature	Date

NRIC/FIN/Passport No*****: _____

***** *Please delete as appropriate*

****** *Private Candidates will receive their results/ Form A by post*

2023 JOINT ADMISSIONS EXERCISE WORKSHEET

This JAE worksheet is provided to assist you before you do your online course registration.

(A) Personal Particulars

Please fill in your personal particulars and update them as necessary in the online system.

NRIC/FIN : _____
Name : _____
Mobile Number* : _____
Contact Number : _____
Email Address^ : _____

*Your posting result will be sent via SMS to a valid Singapore mobile number.
^Your JAE verification slip, which captures your submitted course preferences, will be sent to this email address.

(B) Course Preference

You are only allowed to specify courses that you are eligible for, up to a maximum of 12 courses.

You are strongly advised to make full use of the 12 choices, where applicable.

Please refer to your Form A and Information Booklet for course eligibility details.

Choice Order	Course Code
1st	
2nd	
3rd	
4th	
5th	
6th	

Choice Order	Course Code
7th	
8th	
9th	
10th	
11th	
12th	

(C) Elective Programmes

This section only applies to students who are eligible for the following elective programmes.

If you qualify and wish to apply, you must select the JC(s) offering the programme as one of your choice(s) in **(B) Course Preference**.

Please note that you may apply for only **ONE** Programme.

Chinese Language Elective Programme (CLEP)	**Malay Language Elective Programme (MLEP)**	**Tamil Language Elective Programme (TLEP)**
I would like to apply for CLEP in the following JC(s):	I would like to apply for MLEP in the following JC(s):	I would like to apply for TLEP in the following JC(s):
☐ Dunman High School ☐ Hwa Chong Institution ☐ Jurong Pioneer JC ☐ Nanyang JC ☐ Temasek JC	☐ Jurong Pioneer JC ☐ National JC ☐ Raffles Institution ☐ Tampines Meridian JC ☐ Yishun Innova JC	☐ Anderson Serangoon JC ☐ National JC

After you have completed this JAE worksheet, please submit your application online at **www.moe.gov.sg/jae**

QUICK GUIDE TO REGISTRATION

This Quick Guide is for students who have sat for the 2022 Singapore-Cambridge GCE O-Level examination.

1 All course registration must be done online through the JAE Internet System (JAE-IS). The JAE-IS is accessible through the JAE website at ***www.moe.gov.sg/jae***.

2 Applicants can access JAE-IS with your Singpass or JAE PIN. Your JAE PIN can be found in Form A, which will be issued to you together with your results slip for the 2022 Singapore-Cambridge GCE O-Level examination.

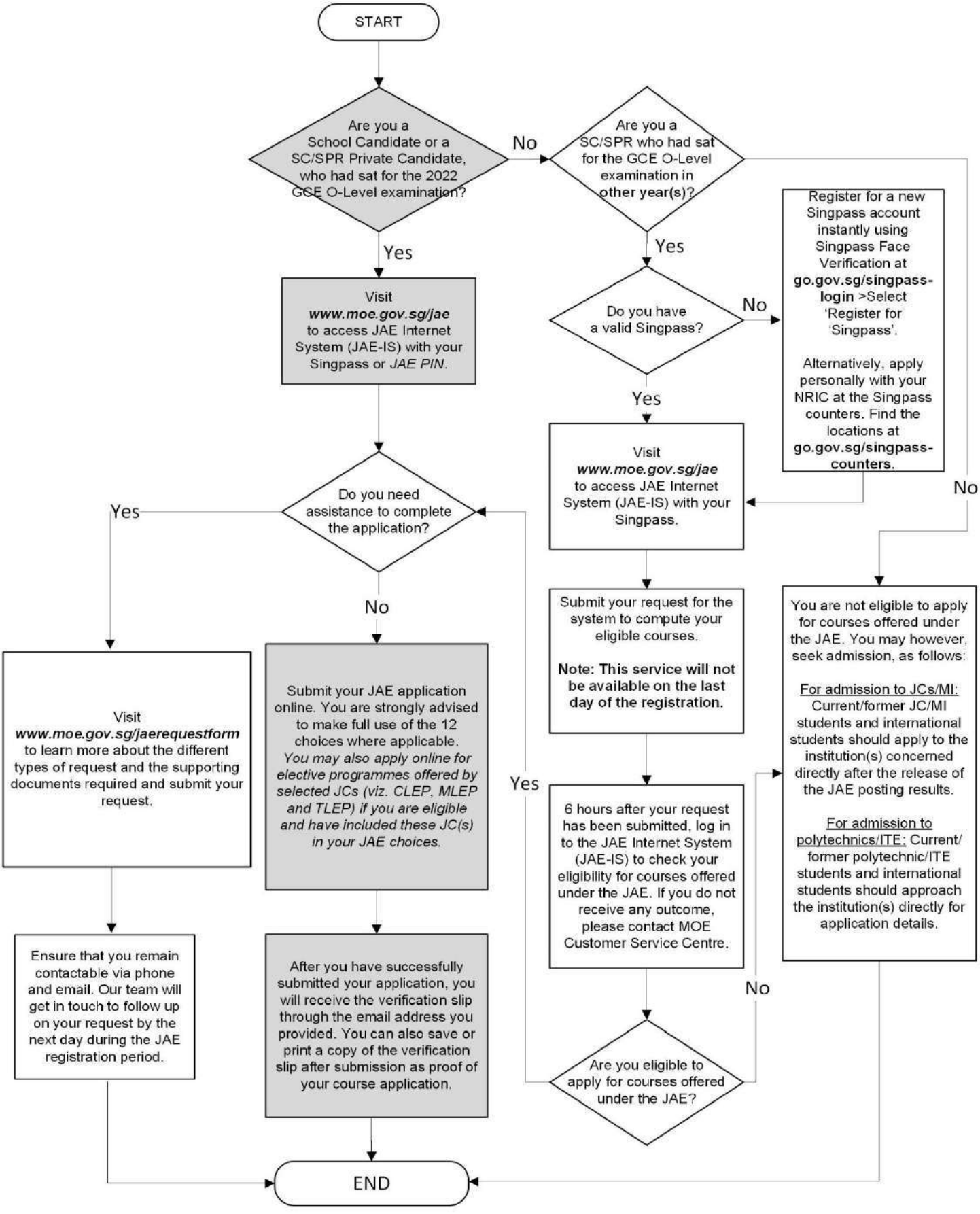
3 Applicants should note the following:

3.1 You should complete the **JAE Worksheet** before accessing the JAE-IS to register your course choices. Completion of the JAE Worksheet will enable applicants to register more smoothly online.

3.2 You are strongly advised to make full use of the 12 choices, where applicable. The choices should be listed in the order of preference.

3.3 After you have successfully submitted your application, you will receive the verification slip through the email address you provided. You can also save or print a copy of the verification slip after submission as proof of your course application.

REGISTRATION PROCEDURE



GENERAL INFORMATION

SECTION 1

1 Joint Admissions Exercise (JAE)

1.1 The Joint Admissions Exercise (JAE) is conducted annually by the Ministry of Education (MOE) to allow holders of Singapore-Cambridge GCE O-Level certificate to apply for admission to courses offered by junior colleges (JC), the Millennia Institute (MI), polytechnics and Institute of Technical Education (ITE).

2 Eligibility to Participate

2.1 The following groups of students are eligible to participate in the JAE:

2.1.1 **All Singapore Citizens or Singapore Permanent Residents (SC/SPR) with valid GCE O-Level examination results**. However, any SC/SPR who was previously admitted to a JC, MI, polytechnic, ITE[1] should not apply for an institution in the same category through the JAE.

2.1.2 **International Students studying in a Government School, Government-Aided School or Independent School in Singapore** with valid **2022** Singapore-Cambridge GCE O-Level examination results.

2.2 All students successfully admitted to a school through the Direct School Admission-JC Exercise/ Polytechnic Early Admissions Exercise/ITE Early Admissions Exercise will not be able to participate in JAE. They will be informed of their allocated schools together with the release of the GCE O-Level examination results. Unsuccessful students will be able to participate in JAE and they will receive JAE Form A containing courses that they are eligible to apply for.

3 Important Dates

3.1 Below are some important dates (tentative) for **2023 JAE**.

Key Event	Tentative Date(s)
Students to check and confirm the accuracy of their **co-curricular attainments** recorded in their co-curricular activity (CCA) records and inform their school of any discrepancies	By 30 September 2022
Release of Singapore-Cambridge GCE O-Level examination results	Between 12 and 16 January 2023
Submission of JAE registration via JAE Internet System (JAE-IS)	6 calendar days starting from the release of O-Level results (e.g. if O-Level results are released on 12 January 2023, registrations can be submitted from 12 to 17 January 2023). The JAE Internet System (JAE-IS) is accessible 24 hours starting from 3.00pm on the first day until 4.00pm on the last day of registration. All students should submit their registration using the JAE-IS. Students who are unable to submit via JAE-IS can seek assistance using the JAE Request Form at ***www.moe.gov.sg/jaerequestform***. All submissions must be done by 4.00pm on the last day of registration.
Release of Posting Results	2 February 2023 (tentative)
Students to report to school* (For Students posted to JC/MI only)	3 February 2023 (tentative)

* Students posted to polytechnic and ITE will be informed by the respective institution in due course.

[1] Current students in the 2-year Higher Nitec courses and students in Year 2 or 3 of the 3-year Higher Nitec courses (for courses under the enhanced curricular structure) who wish to seek re-admission to ITE, should approach ITE directly instead of participating in JAE. Students who left their ITE courses due to disciplinary reasons within the past 2 years and recent Higher Nitec graduates who graduated on or after 1 May 2022, should not apply for Higher Nitec courses under JAE 2023. Any JAE posting of these students/graduates to ITE could be invalidated by ITE.

3.2 The important dates are provided to help students/parents plan their schedule. If students and their parents are not in Singapore during the JAE registration period, parents can authorise a proxy to:

- collect their child's GCE O-Level examination results from their child's secondary school; and/or
- submit the completed JAE Worksheet.

The proxy is required to produce/ attach the completed **proxy form** on page (i) and the relevant supporting documents for verification.

4 Alternative Admission Exercises for Polytechnics and ITE

4.1 Besides applying for polytechnic or ITE courses via the JAE, students can also apply for admission to a polytechnic or an ITE course via alternative admission channels.

4.2 To apply for a Polytechnic Course

4.2.1 Students may also participate in the Direct Admissions Exercise (DAE) conducted individually by the polytechnics. Students interested to participate in the DAE should visit the relevant polytechnics' websites or contact the relevant polytechnics directly for more details.

4.3 To apply for an ITE Course

4.3.1 Students may participate in the *Joint Intake Exercise (JIE)* for the two-year *National ITE Certificate* (*Nitec)* courses or the three-year *Higher National ITE Certificate (Higher Nitec)* courses conducted by ITE in January 2023. For courses offered under JIE, JIE schedule and application instructions, please refer to ITE's admission booklet or ***www.ite.edu.sg***. Students may participate in both the JAE and JIE. Consideration for admission under the JIE is separate from JAE. Students may accept and enrol in the JIE course while waiting for their JAE application outcome. Students who are enrolled in the JIE course and are subsequently offered a course under JAE, can choose between them and accept **only** one offer. ITE will notify them via the enrolment email on how to accept the JAE offer.

5 Tuition Grant Scheme for Polytechnic Students

5.1 The MOE Tuition Grant (TG) Scheme was introduced to help students enrolled in full-time Diploma programmes defray the costs of tertiary education in Singapore.

5.1.1 Singapore Citizens will be automatically awarded a Tier A TG, which is the highest level of subsidy, upon successful enrolment into the polytechnics as long as they have not benefited from TG previously to complete a course at the same or higher level of education.

5.1.2 Singapore Permanent Residents (SPR) may apply for a Tier B TG if they have not benefited from TG previously to complete a course at the same or higher level of education. SPR who are granted TG are required to secure employment and serve in a Singapore entity for three years upon graduation. Students can apply for TG upon successful enrolment into the polytechnics.

5.1.3 International Students may apply for a Tier C TG if they have not benefited from TG previously to complete a course at the same or higher level of education. International Students who are granted TG are required to secure employment and serve in a Singapore entity for three years upon graduation. Students can apply for TG upon successful enrolment into the polytechnics.

5.2 Students who choose not to apply for TG, or are not awarded TG, will need to pay full Tuition Fees. Students can approach the polytechnics directly for more information.

5.3 More information on TG terms and conditions can be found at ***tgonline.moe.gov.sg***.

6 Financial Assistance Schemes (effective from 1 Jan 2023)

6.1 Ministry of Education Financial Assistance Schemes (MOE FAS)

6.1.1 The Ministry of Education provides financial assistance to Singapore Citizen students in Government, Government-Aided schools and Independent schools.

6.1.2 Students who wish to apply for the MOE FAS can obtain the application form from their schools, and submit the completed application form together with the relevant documents to their schools. The schools will inform them of the outcome of their applications.

6.1.2.1 MOE FAS for Government and Government-Aided JCs and MI

The income criteria are as follows:

a. The family's gross household income (GHI) does not exceed $3,000 per month; or
b. The family's per capita income (PCI)[1] does not exceed $750 per month.

The types of assistance given to needy students in Government or Government-Aided JCs and MI under this financial assistance scheme are shown in the table below:

Financial Assistance to Students at Government and Government-Aided JCs and MI	School Fees	Standard Miscellaneous Fees	Bursary	Transport Subsidy
	100% subsidy	100% subsidy	$1,200 per annum	For students taking public transport: $17 transport subsidy per month from month of approval, up to $204 per annum

[1] PCI is gross monthly household income divided by number of members in the household.

6.1.2.2 MOE Independent School Bursary (ISB)

The qualifying criteria for assistance given to junior college level students in Independent Schools[2] under the ISB are shown in the table below.

Income Limits (Meet one of the following criteria)		**Financial Assistance to Students at JC Level**
Monthly Gross Household Income (GHI)	**Per Capita Income (PCI)**	
Not exceeding $3,000	Not exceeding $750	100% subsidy of fees[o]
		$1,200 Bursary per annum
		Full subsidy of examination fees[^]
		Transport Subsidy: $17 transport subsidy per month from the month of approval, up to $204 per annum (for students taking public transport)
$3,001 - $4,400	$751 - $1,100	Subsidy such that student pays the same fee[3] as students studying in government and government-aided schools (GGAS)[#]
$4,401 - $7,500	$1,101 - $1,875	Subsidy such that student pays 1.5x GGAS fee[3]
$7,501 - $10,000	$1,876 - $2,500	33% subsidy of fees[o]

[o] Fees include school and miscellaneous fees.

[^] Applicable to students enrolled in the International Baccalaureate Diploma Programme only. Examination fees for GCE A-Level have been waived for all Singapore Citizen students in Government-funded schools from 2015.

[#] Except for NUS High Year 5 and 6 students who currently pay less than GGAS fee after receiving the current 90% fee subsidy. Hence, they will continue to receive 90% fee subsidy until the fee payable exceeds the prevailing GGAS fee for pre-university students, for which the enhanced subsidy indicated in the above table will apply.

[2] Includes NUS High School of Mathematics and Science. Singapore Sports School and School of the Arts have their own schemes to provide financial assistance for their students. Please refer to the schools' websites for information on their financial assistance schemes.

[3] GGAS fee comprises school fee, standard miscellaneous fee and maximum 2nd tier miscellaneous fee payable by a Singapore Citizen student in GGAS.

6.2 Financial Assistance for Full-Time Students at Polytechnics and ITE

6.2.1 The Government is committed to ensuring that no student is deterred by the costs of post-secondary education. There are financial assistance schemes to help students at the polytechnics and ITE who need some form of financial aid.

6.2.2 Details of the Government schemes are tabulated below. Students can approach the financial aid office at their respective polytechnics and ITE for details on the application procedure.

Scheme	Eligibility Criteria (effective from Academic Year (AY) 2023)	Quantum per year [for ITE students] (effective from AY2023)	Quantum per year [for diploma students]
Higher Education Community Bursary	• Singapore Citizens • Gross monthly household income (GHI) ≤ $3,000 or gross monthly household per capita income (PCI) ≤ $750	Full fee subsidy and cash bursary of $1,600	$2,750
	• Singapore Citizens • GHI between $3,001 and $4,400 or PCI between $751 and $1,100	$1,300	$2,400
Higher Education Bursary	• Singapore Citizens • GHI ≤ $7,500 or PCI ≤ $1,875	$650	$1,900
	• Singapore Citizens • GHI between $7,501 and $10,000 or PCI between $1,876 and $2,500	$440	$850
Tuition Fee Loan Scheme	• All full-time diploma students • Interest-free during course of study and interest will commence only upon graduation • Maximum repayment period of up to 10 years	-	Up to 75% of tuition fee
Study Loan Scheme	• Full-time diploma students who are Singapore Citizens or Singapore Permanent Residents • Have taken up the maximum Tuition Fee Loan • Monthly household per capita income ≤ $2,700 • Interest-free during course of study and interest will commence only upon graduation. Loan is interest-free for students with monthly household per capita income ≤ $950 • Maximum repayment period of up to 5 years	-	Up to 25% of tuition fee plus living allowance loan of $2,000 per annum

Notes:

- PCI is gross monthly household income divided by number of members in the household.
- Students will only need to meet one of the income assessment criteria (GHI or PCI) to be eligible for a government bursary.
- Full-time students who are CPF members or dependants of CPF members can also tap on the CPF Education Scheme, which can cover up to 100% of tuition fee.
- Malay Singapore Citizens students in ITE's *Nitec* and *Higher Nitec* courses will receive fee waiver for their education.
- Full-time diploma students who are Malay Singapore Citizens and whose monthly household per capita income is $2,000 and below can also tap on the Tertiary Tuition Fee Subsidy Scheme offered by the Yayasan Mendaki to cover the fees payable. This scheme covers up to 100% of tuition fees, depending on the household income.

6.2.3 The polytechnics and ITE also offer their own financial assistance schemes to help students in need of aid. More details on assistance schemes offered by the Government and the institutions can be found at the respective institutions' websites (refer to Annex D paragraph 2.2).

6.2.4 Students who need financial assistance can approach the financial aid office at the institutions where they have been offered admission to discuss the financing options.

7 Special Educational Needs

7.1 MOE, the polytechnics and ITE are committed to providing adequate support to all students with Special Educational Needs (SEN) who are progressing to the polytechnics and ITE.

7.1.1 MOE has established a SEN Fund to support students with SEN in our polytechnics and ITE. Full-time Singapore Citizen students with physical impairment or learning and behavioural difficulties may tap on the SEN Fund to purchase necessary Assistive Technology (AT) devices for their education, up to a cap of $5,000. Eligible students with visual impairment or hearing loss may tap on up to $25,000 to purchase necessary AT devices and services, such as signing interpretation. Students with hearing loss will also have access to a full subsidy cap of $70,000 under the High Needs category, if they have been assessed by a relevant professional to require Communication Access Services (CAS) (e.g. note-taking and sign-language interpretation services). Students with physical or visual impairments will be assessed on a case-by-case basis to determine their subsidy amount (up to $70,000) based on the student's assessed needs.

7.1.2 There is a SEN Support Office in each polytechnic and ITE College, which helps provide support for current and prospective students with SEN. Upon enrolment, students with SEN are encouraged to approach the SEN Support Offices as they help to provide transition support and targeted course counselling for individual students. The SEN Support Offices also work with relevant parties within and outside of the institution to provide holistic SEN support, including providing in-class learning assistance and access arrangements, administering the MOE SEN Fund, and identifying suitable internship opportunities. Students who are keen to find out more about SEN support services in the polytechnics and ITE, or courses that may be more suitable for their strengths and needs, can refer to Annex D paragraph 2.2 for **the contact details of the SEN Support Offices**.

8 Others

Change of residential address

8.1 Students posted to polytechnic will receive their enrolment package through postal mail. As such, students who have changed their residential addresses are advised to update the secondary school by the end of the GCE O-Level examination. Students may also update the change of address during the JAE registration period via the JAE Request Form at ***www.moe.gov.sg/jaerequestform***.

Change of citizenship

8.2 Students who have a change in their citizenship after the end of the GCE O-Level examination can inform MOE during the JAE registration period via the JAE Request Form at ***www.moe.gov.sg/jaerequestform***.

JAE REGISTRATION

SECTION 2

1 Registration for JAE

1.1 Registration Period

The JAE registration commences on the same day as the release of the **2022** Singapore-Cambridge GCE O-Level examination results. The 2023 JAE registration period is held over a period of 6 calendar days (including weekends and Public Holidays), starting **from *3.00 pm on the 1st day of registration until 4.00 pm on the last day of registration***. The exact registration dates will be announced in the media together with the announcement on the release of the GCE O-Level examination results.

1.2 How to Register

1.2.1 For students with **2022** Singapore-Cambridge GCE O-Level examination results

1.2.1.1 Students who have sat for the GCE O-Level examination in **2022** and are eligible for JAE will receive Form A (refer to page 9 for **sample of Form A**), which contains the examination results and the course codes for all the courses that the student is eligible to register for. Section 4 (Tables 2 to 5) provides detailed **description of the course codes**. The student's course eligibility is generally based on examination results achieved at:

a. **2022** Singapore-Cambridge GCE O-Level examination only, or

b. **a combination of one past year** and **2022** Singapore-Cambridge GCE O-Level examination. (The results of the two examinations are automatically combined in Form A for students who have used the same Singapore NRIC No./FIN for both sittings).

1.2.1.2 Students who attended a Government, Government-Aided or Independent School (School candidates) and are eligible for JAE will receive Form A from their secondary schools (they last attended). They will receive this on the day of the GCE O-Level examination results release.

1.2.1.3 Students who are SC/SPR and have sat for the GCE O-Level examination in **2022** as private candidates and are eligible for JAE will receive Form A through the mail at their residential address (based on their examination registration records). They will receive this on the day of the GCE O-Level examination results release.

1.2.1.4 Registration should be submitted online through the JAE Internet System (JAE-IS). The JAE-IS is accessible through the JAE website at ***www.moe.gov.sg/jae*** *(*refer to Annex A for the **guide on how to register via JAE-IS**).

1.2.1.5 Eligible applicants can access the JAE-IS using their Singpass during the registration period. Alternatively, you may use your JAE PIN found on Form A. The JAE PIN is issued once only and **will not** be replaced if lost. Students are therefore urged to take proper care of their Form A, and not misplace it. Students who are unable to register via JAE-IS may seek assistance through the JAE Request Form at ***www.moe.gov.sg/jaerequestform***.

1.2.2 For Singapore Citizens/Singapore Permanent Residents (SC/SPR) **without 2022** Singapore-Cambridge GCE O-Level examination results

1.2.2.1 SC/SPR applicants without 2022 GCE O-Level examination results can register for JAE using other years of GCE O-Level examination results (the examination results of any two years can be combined) during the registration period. They can register online via the JAE-IS using Singpass. The JAE-IS is accessible through the JAE website at ***www.moe.gov.sg/jae*** *(*refer to Annex A for the **guide on how to register via JAE-IS**). Those who are unable to register via JAE-IS may seek assistance using JAE Request Form at ***www.moe.gov.sg/jaerequestform***.

1.2.3 Please see page (iv) for **registration procedure**.

2 Points to note when registering for courses

2.1 JCs and MI offer a variety of subjects (refer to Annex B for more details) and different subject combinations. They may also set their own school-based criteria for subjects offered, based on professional and student-centric considerations. **Posting to an Arts, Science or Commerce course does not guarantee that applicants will be able to offer their preferred subject combinations. Applicants should check the website of the respective JCs and MI for more details on the subject combinations offered in the Arts, Science and Commerce courses and school-based criteria for subjects offered.**

2.2 The JCs offer various programmes and scholarships. Applicants may refer to Annex C for more details.

2.3 Applicants eligible for the Chinese/Malay/Tamil Language Elective Programme (CLEP/MLEP/TLEP) may apply for the programme when they register for their course choices. Applicants must select the JC(s) offering the programme as one of their course choices (refer to Section 4 for **list of JCs offering the programme**). However, a place in the CLEP/MLEP/TLEP is not guaranteed and placement on these programmes is subject to available vacancies.

2.4 Applicants who are admitted to a CLEP/MLEP/TLEP must offer the respective H2 Chinese/Malay/Tamil Language and Literature and sit for the GCE A-Level examination for this subject. They are required to remain in the programme regardless of whether they had utilised the two bonus points. Students who fail to do so may be asked to leave the JC (refer to Annex C for more details).

3 Sample Form A

Sample of Form A (page 1)

Ministry of Education
SINGAPORE

20XX Joint Admissions Exercise **Form A**

000031-3001

Name : NAM SIL
Address : 123 ANG MIO KIO STREET 123
#04-123
SINGAPORE 123456
School Code : 3001

JAE PIN : FCHCH1234567
Centre Index No. : 1820110001

JAE PIN

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

Your 20XX GCE 'O' Level Examination results:

ENGLISH LANGUAGE = B3, MALAY = A1, MATHEMATICS = A1, ADDITIONAL MATHEMATICS = A1, PHYSICS = A2, CHEMISTRY = A2, BIOLOGY = A2, HUMANITIES (SOCIAL STUDIES, HISTORY)= B4, GEOGRAPHY = B3

CCA = EXCELLENT

Subject and grade based on examination results

Your aggregate scores:

JC	MI	Polytechnic				ITE		
L1R5	L1R4	ELR2B2-A	ELR2B2-B	ELR2B2-C	ELR2B2-D	ELB4-A	ELR1B3-B	ELR2B2-C
11	8	9	9	8	8	8	8	8

Aggregate types and scores

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 the JAE Information Booklet.

JC/MI:
You are eligible for all JC/MI courses.

Polytechnic/ITE:

C33 C34 C35 C36 C38 C41 C42 C43 C45 C46 C47 C49 C50 C51 C52 C54 C59 C60 C62
C63 C64 C65 C66 C67 C69 C70 C71 C72 C73 C75 C80 C81 C83 C85 C87 C89 C93 C94
C96 C97 C98 N11 N12 N13 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 R29 R32 R33 R34
R35 R36 R37 R39 R40 R41 R42 R43 R45 R46 R47 R48 R49 R50 R52 R53 R54 R55 R56
R57 R58 R59 R60 S30 S31 S32 S35 S38 S39 S40 S41 S42 S43 S47 S48 S50 S53 S54
S56 S63 S64 S66 S67 S68 S69 S70 S71 S73 S74 S75 S76 S86 S88 S89 S90 S91 S93
S94 S95 S97 S98 S99 T01 T02 T04 T07 T08 T09 T10 T13 T17 T18 T20 T22 T23 T25
T26 T28 T29 T30 T33 T35 T38 T40 T43 T45 T48 T50 T51 T52 T53 T56 T58 T59 T60
T62 T63 T64 T65 T66 T67 T68 V10 V11 V12 V13 V14 V15 V18 V19 V21 V26 V27 V28
V29 V30 V35 V39 V40 V41 V42 V44 V45 V47 V49 V52 V54 V55 V56 V60 V61 V62 V63
V64 V65 V66 V67 V68 V69 V70 V71 V72 V73 V74 V75 V77 V78 V80 V81 V82 V84 V85
V86 V87 V88 V89 V90 V91 V92 V93 V94 V95 V96 V97 V98 V99

Note:

- You can also apply for Nitec courses in the Joint Intake Exercise (JIE) conducted by ITE. Please see ITE's admission booklet or www.ite.edu.sg.

Sample of Form A (page 2)

20XX JOINT ADMISSIONS EXERCISE WORKSHEET

This JAE worksheet is provided to assist you before you do your online course registration.

(A) Personal Particulars

Please fill in your personal particulars and update them as necessary in the online system.

NRIC/FIN : _____
Name : _____
Mobile Number* : _____
Contact Number : _____
Email Address : _____

*Your posting result will be sent via SMS to a valid Singapore mobile number.
^Your JAE verification slip, which captures your submitted course preferences, will be sent to this email address.

(B) Course Preference

You are only allowed to specify courses that you are eligible for, up to a maximum of 12 courses.

You are strongly advised to make full use of the 12 choices, where applicable.

Please refer to your Form A and Information Booklet for course eligibility details.

Choice Order	Course Code
1st	
2nd	
3rd	
4th	
5th	
6th	

Choice Order	Course Code
7th	
8th	
9th	
10th	
11th	
12th	

(C) Elective Programmes

This section only applies to students who are eligible for the following elective programmes.

If you qualify and wish to apply, you must select the JC(s) offering the programme as one of your choice(s) in **(B) Course Preference**.

Please note that you may apply for only **ONE** Programme.

Chinese Language Elective Programme (CLEP)	Malay Language Elective Programme (MLEP)	Tamil Language Elective Programme (TLEP)
I would like to apply for CLEP in the following JC(s):	I would like to apply for MLEP in the following JC(s):	I would like to apply for TLEP in the following JC(s):
☐ Dunman High School ☐ Hwa Chong Institution ☐ Jurong Pioneer JC ☐ Nanyang JC ☐ Temasek JC	☐ Jurong Pioneer JC ☐ National JC ☐ Raffles Institution ☐ Tampines Meridian JC ☐ Yishun Innova JC	☐ Anderson Serangoon JC ☐ National JC

After you have completed this JAE worksheet, please submit your application online at ***www.moe.gov.sg/jae***

JAE POSTING & POSTING RESULTS RELEASE

SECTION 3

1 Posting Procedure

1.1 Applicants are posted to a course based on merit according to their net aggregate scores (taking into account the various bonus points for which the applicants are eligible for). Please refer to Section 5 on the **computation of the aggregate score** and paragraph 2 of this section for **details on bonus points**.

1.2 Applicants with better net aggregate scores will be considered for admission first, subject to the availability of vacancies in the selected course. If there are no vacancies, the applicants will be considered for their next choice course.

1.3 In situations where there are two or more applicants with the same net aggregate score vying for the last place in a course, they will be posted based on their citizenship status in the order of Singapore Citizen, Singapore Permanent Resident and then International Student. If there is still a tie, for example between two Singapore Citizens with the same net aggregate score, the one with the better gross aggregate score will be posted to the course first. If there is still a tie between the two Singapore Citizens with the same gross aggregate scores, posting to the course will be determined by a computerised ballot where each candidate is given an equal opportunity.

1.4 Applicants who are not posted to any of their registered choices will be posted as follows:

1.4.1 to a junior college (JC) course with vacancies, if applicants have indicated a JC course as their first choice;

1.4.2 to a Millennia Institute (MI) course with vacancies, if applicants have indicated a MI course as their first choice;

1.4.3 to a polytechnic course with vacancies, if applicants have indicated a polytechnic course as their first choice. This is subject to applicants meeting the course's minimum entry requirements;

1.4.4 to a *Higher Nitec* course with vacancies, if applicants have indicated a *Higher Nitec* course as their first choice. This is subject to applicants meeting the course's minimum entry requirements.

1.5 <u>Nursing Courses in Nanyang Polytechnic and Ngee Ann Polytechnic</u>

For posting to *Nanyang Polytechnic's Diploma in Nursing (C97)* and *Ngee Ann Polytechnic's Diploma in Nursing (N69)*, interest is considered too. Priority will be given to eligible applicants (i.e. met the minimum entry requirements) who have indicated these courses as their first choice. Please see Section 6b and 6c for **details on the minimum entry requirements for the nursing courses**.

1.6 Please see page 15 for **posting flowchart**.

2 Bonus Points

2.1 Bonus points are given to students in the computation of their net aggregate scores. Table 1 provides **details for the computation of bonus points**. Please note that these bonus points are used to determine the net aggregate scores of students during posting. The CCA bonus point can also be used to determine the net ELR2B2 aggregate score for eligibility to polytechnics under the JAE (refer to Section 6b – 6f).

2.2 Students should check and confirm the accuracy of their co-curricular attainments recorded in their school report books and inform their schools of any discrepancies by **30 September 2022**.

Table 1
Computation of Bonus Points

<table>
<tr><th>S/No</th><th>Type of Bonus Points</th><th>No. of Bonus Points</th><th colspan="2">Maximum Bonus Points Allowable</th></tr>
<tr><td>1</td><td>For students seeking admission to JC/MI/polytechnic/ITE and with the following co-curricular attainments/grades:
a. Excellent, A1 – A2
b. Good, B3 – C6</td><td>2 points
1 point</td><td rowspan="4">Limited to a maximum of 4 bonus points for these 4 types.</td><td rowspan="5">Limited to a maximum of 6 bonus points.</td></tr>
<tr><td>2</td><td>For students seeking admission to JC/MI courses and with grades of A1 to C6 in both their first languages (i.e. English and a Higher Mother Tongue).</td><td>2 points</td></tr>
<tr><td>3</td><td>For students seeking admission to JC/MI courses and with grades of A1 to C6 in Malay/Chinese (Special Programme) (MSP/CSP) or Bahasa Indonesia (BI) as their third language.</td><td>2 points</td></tr>
<tr><td>4</td><td>For students from feeder schools if they choose their affiliated junior college course(s) as their:
a. 1st choice, or
b. 1st and 2nd choices.

Please refer to Annex D for information on affiliated schools.</td><td>2 points</td></tr>
<tr><td>5</td><td>For students who have applied for the CLEP/MLEP/TLEP and have been selected for the programme.</td><td>2 points</td><td></td></tr>
</table>

3 Release of JAE Posting Results

3.1 The JAE posting results will be released through the following modes:

3.1.1 JAE-IS, accessible through the JAE website at ***www.moe.gov.sg/jae***;

3.1.2 Short Message Service (SMS) via applicant's mobile number (if a valid Singapore mobile number is provided by applicants during the JAE registration).

4 Acceptance of Offer

4.1 JC/MI

Students who are offered a course in a JC/MI must report to the JC/MI on the reporting date. Generally, this will be the next working day following the release of the posting results. Any student who does not report to the JC/MI on this date will be deemed to have forfeited his/her place. This place will be made available to other eligible applicants appealing for a place in the course.

4.2 Polytechnic

Students who are offered a course in a polytechnic should receive an enrolment package by end February. Students are required to complete their online enrolment by the date stated in the package. Any student who does not complete the online enrolment by the stated date will be deemed to have forfeited his/her place. This place will be made available to other eligible applicants appealing for a place in the course.

4.3 ITE

Students who are offered a course in ITE should receive an enrolment email on the day of release of JAE posting results. Students are required to accept the course offer online at ***www.ite.edu.sg*** by the date stated in the email. Any student who does not accept his/her course offer online by the stated date will be deemed to have forfeited his/her place. This place will be made available to other eligible applicants appealing for a place in the course. For course and application enquiries, please call ITE Hotline at 1800 2222 111 during office hours (8.30am to 6pm from Monday to Friday).

5 Appeal/Transfer After Posting Results Release

5.1 Students who are unsuccessful in their JAE application may approach the institution directly to appeal. Students who wish to appeal for a transfer to another course or institution should also approach the institution directly. Appeals are evaluated by the institution on a case-by-case basis and a place may be granted only when compelling reasons are presented and vacancies are available. Please note that students must report to the institution they are posted to or accept the course offer online (as stated in paragraph 4 above) while waiting for the result of their transfer application. Any student who fail to do so will be deemed to have forfeited his/her place in the course. This place will be made available to other eligible applicants appealing for the course.

5.1.1 Appeal/Transfer Applications to JC/MI

Students who wish to appeal for a transfer to a JC/MI should approach the JC/MI directly after the official release of the posting results. Please note that students who wish to appeal for a place in the JC/MI must meet (i) **the minimum entry requirements for admission to JC/MI** (refer to Section 6a) **and** (ii) **the net L1R5/L1R4 aggregate score of the lowest ranked student** who is admitted to the course in that JC/MI in the 2023 JAE. Eligible appeals will be given due consideration, subject to available vacancies and school's admission criteria. The outcome of any such application will be provided by the JC/MI directly.

5.1.2 Appeal/Transfer Applications to Polytechnic or ITE courses

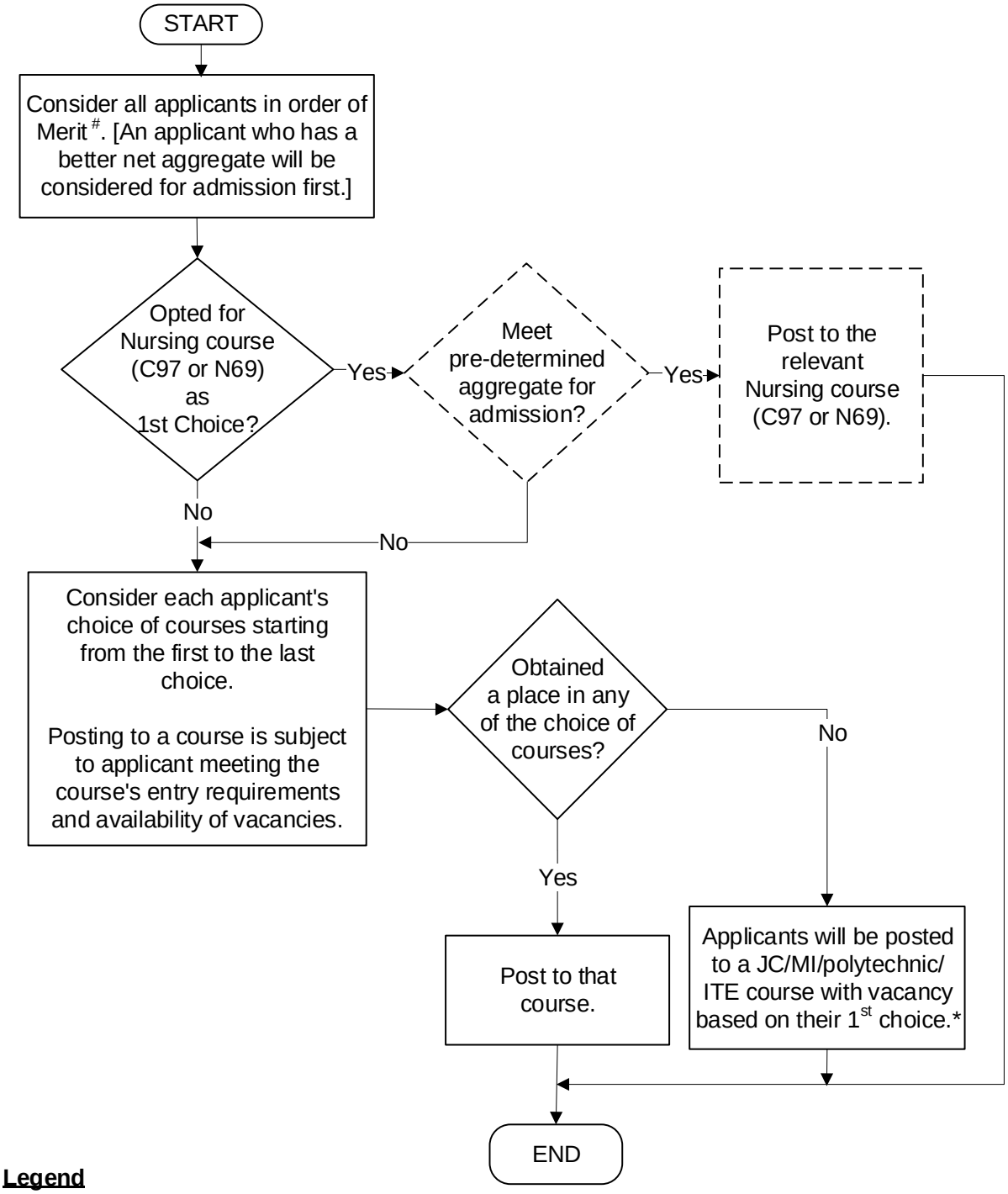
Students who wish to appeal for a place in a polytechnic or ITE *Higher Nitec* course may do so online, through a **combined polytechnic and ITE *Higher Nitec* appeals portal** at ***jaeappeal.edu.sg***, within 4 working days upon the official release of the JAE posting results. Students who were not posted to any course during the JAE are also encouraged to submit an appeal through the same portal. Results of the appeal will also be released through this portal.

Students who wish to appeal online must have met the (i) **minimum entry requirements for their chosen polytechnic or ITE courses and** (ii) **the aggregate score of the lowest ranked student** posted to these courses in the 2023 JAE. While all appeals will be given due consideration, meeting (i) and (ii) above do not guarantee a place in the course, as admission is also subject to available vacancies in open competition. They may refer to the appeals portal for the aggregate score of the lowest ranked students who were admitted to the Polytechnic and ITE *Higher Nitec* courses during 2023 JAE.

At the end of the combined appeals period, all students who had not received any polytechnic or ITE *Higher Nitec* posting will be offered a place in a polytechnic or ITE course with remaining vacancies. Offers will be given based on students meeting the minimum entry requirements and aggregate score of the lowest ranked students who were admitted to these courses. This offer is intended to provide students an additional option for post-secondary education. Students who wish to appeal for a transfer to another course or institution should approach the institution directly.

Note: The following groups of individuals are **not** eligible to appeal via the combined appeals portal: (i) current students in the 2-year *Higher Nitec* courses and students in Year 2 or 3 of the 3-year *Higher Nitec* courses (for courses under the enhanced curricular structure), (ii) students who had left their ITE courses due to disciplinary reasons within the past 2 years, and (iii) recent *Higher Nitec* graduates who had graduated on or after 1 May 2022. These individuals should approach ITE directly for assistance. Any appeal posting of these individuals to ITE courses could be invalidated by ITE.

POSTING OF APPLICANTS



Legend

Priority posting for applicants who had indicated Nanyang Polytechnic's Diploma in Nursing (C97) or Ngee Ann Polytechnic's Diploma in Nursing (N69) as their first choice.

\# ***Merit is based on the following net aggregates (i.e. inclusive of bonus points):***

a. JC Course: L1R5 (i.e. First language and 5 relevant subjects, excluding Religious Knowledge)
b. MI Course: L1R4 (i.e. First language and 4 relevant subjects, excluding Religious Knowledge)
c. Polytechnic Course: ELR2B2 (i.e. English language, 2 relevant subjects and best 2 other subjects)
d. ITE Course: ELB4 (i.e. English language and 4 best subjects)
ELR1B3 (i.e. English language, 1 relevant subject and best 3 other subjects)
ELR2B2 (i.e. English language, 2 relevant subjects and best 2 other subjects)

* ***Please refer to Section 3, JAE Posting & Posting Results Release, Paragraph 1.4 for details.***

COURSES OFFERED UNDER JAE

SECTION 4

Find out about the junior colleges and Millennia Institute using SchoolFinder at ***www.moe.gov.sg/schoolfinder*** *(see **Annex H** for the Guide to use SchoolFinder)* and ***Annex D*** in this Information Booklet.

Find out about courses offered by polytechnics and Institute of Technical Education (ITE) using CourseFinder at ***www.moe.gov.sg/coursefinder*** *(see **Annex H** for the Guide to use CourseFinder*) and ***Section 6b to 6g*** in this Information Booklet.

Table 2
Junior College (JC) Courses (2-Year Duration)

School Name		Course Code			Special Programme	Award
		Arts	Science	International Baccalaureate		
1.	Anderson Serangoon Junior College	39A	39S	-	ETPS, TLEP	GCE A-Level
2.	Anglo-Chinese Junior College	22A	22S	-	DEP, ELEP, ETPS, HSP, MEP	GCE A-Level
3.	Anglo-Chinese School (Independent)	-	-	51I	ETPS, HSP, MEP, RSP	International Baccalaureate Diploma
4.	Catholic Junior College	23A	23S	-	ELEP, ETPS	GCE A-Level
5.	Dunman High School	44A	44S	-	BSP, CLEP, ETPS, MEP	GCE A-Level
6.	Eunoia Junior College	38A	38S	-	BSP, ETPS, HSP, MEP	GCE A-Level
7.	Hwa Chong Institution	24A	24S	-	AEP, BSP, CLEP, ETPS, HSP	GCE A-Level
8.	Jurong Pioneer Junior College	40A	40S	-	CLEP, ETPS, MLEP	GCE A-Level
9.	Nanyang Junior College	26A	26S	-	AEP, CLEP, ETPS	GCE A-Level
10.	National Junior College	27A	27S	-	AEP, ETPS, HSP, MLEP, TLEP	GCE A-Level
11.	Raffles Institution	28A	28S	-	ELEP, ETPS, HSP, MEP, MLEP, RSP	GCE A-Level
12.	River Valley High School	45A	45S	-	BSP, ETPS	GCE A-Level
13.	St. Andrew's Junior College	30A	30S	-	ETPS	GCE A-Level
14.	St. Joseph's Institution	-	-	52I	ETPS	International Baccalaureate Diploma
15.	Tampines Meridian Junior College	41A	41S	-	DEP, ETPS, MLEP	GCE A-Level
16.	Temasek Junior College	32A	32S	-	CLEP, ETPS, HSP, MEP	GCE A-Level
17.	Victoria Junior College	33A	33S	-	DEP, ETPS, HSP, RSP	GCE A-Level
18.	Yishun Innova Junior College	42A	42S	-	ETPS, MLEP	GCE A-Level

Note: (Table 2 JC Courses)

AEP = Art Elective Programme
DEP = Drama Elective Programme
MEP = Music Elective Programme
RSP = Regional Studies Programme
HSP = Humanities Scholarship and Programme
ETPS = Engineering and Tech Programme and Scholarship
CLEP = Chinese Language Elective Programme
MLEP = Malay Language Elective Programme
TLEP = Tamil Language Elective Programme
ELEP = English Language Elective Programme
BSP = Bicultural Studies Programme

Table 3
MI Courses (3-Year Duration)

School Name		Course Code			Special Programme	Award
		Arts	Commerce	Science		
1.	Millennia Institute	43A	43C	43S	ETPS*	GCE A-Level

**ETPS = Engineering and Tech Programme and Scholarship*

The National Institute of Early Childhood Development (NIEC)

NIEC is a national training institute set up by MOE to deliver quality training to Early Childhood (EC) educators. NIEC's EC courses are conducted in collaboration with ITE, Ngee Ann Polytechnic (NP), and Temasek Polytechnic (TP) at the respective ITE/Polytechnic campus. Upon graduation, students will be awarded a certification by NIEC, in collaboration with ITE/NP/TP. NIEC qualifications are recognised by the Early Childhood Development Agency (ECDA) for registration as EC educators.

For more information on NIEC's EC courses, please refer to Tables 4 and 5 below, and Sections 6c (page 46), 6f (page 76) and 6g (page 82).

Table 4
Polytechnic Courses (3-Year Duration)

Course	Polytechnic	Course Code	Aggregate Type	Award
A. APPLIED SCIENCES				
Applied Chemistry	NYP	C45	C	Dip Applied Chemistry
Applied Chemistry	RP	R17	C	Dip Applied Chemistry
Applied Chemistry	SP	S64	C	Dip Applied Chemistry
Biologics & Process Technology	NYP	C49	C	Dip Biologics & Process Technology
Biomedical Engineering	TP	T38	C	Dip Biomedical Engineering
Biomedical Science	NP	N59	C	Dip Biomedical Science
Biomedical Science	RP	R14	C	Dip Biomedical Science
Biomedical Science	SP	S98	C	Dip Biomedical Science (Biotechnology)/ Dip Biomedical Science (Cardiac Technology)/ Dip Biomedical Science (Medical Technology)
Biotechnology	RP	R16	C	Dip Biotechnology
Chemical & Biomolecular Engineering	NP	N56	C	Dip Chemical & Biomolecular Engineering
Chemical & Pharmaceutical Technology	NYP	C73	C	Dip Chemical & Pharmaceutical Technology
Chemical Engineering	SP	S70	C	Dip Chemical Engineering
Chemical Engineering	TP	T33	C	Dip Chemical Engineering
Common Science Programme ***(New)***	NP	N15	C	Dip Biomedical Science/ Dip Pharmaceutical Science
Common Science Programme ***(New)***	NYP	C27	C	Dip Applied Chemistry/ Dip Biologics & Process Technology/ Dip Chemical & Pharmaceutical Technology/ Dip Food Science & Nutrition/ Dip Pharmaceutical Science
Common Science Programme	RP	R59	C	Dip Applied Chemistry/ Dip Biomedical Science/ Dip Biotechnology/ Dip Environmental & Marine Science/ Dip Pharmaceutical Science

Course	Polytechnic	Course Code	Aggregate Type	Award
Common Science Programme ***(New)***	SP	S28	C	Dip Applied Chemistry/ Dip Biomedical Science (Biotechnology)/ Dip Biomedical Science (Cardiac Technology)/ Dip Biomedical Science (Medical Technology) Dip Food Science & Technology/ Dip Perfumery & Cosmetic Science
Common Science Programme ***(New)***	TP	T70	C	Dip Chemical Engineering/ Dip Food, Nutrition & Culinary Science/ Dip Medical Biotechnology/ Dip Pharmaceutical Science/ Dip Veterinary Technology
Environmental & Marine Science	RP	R62	C	Dip Environmental & Marine Science
Environmental & Water Technology	NP	N74	C	Dip Environmental & Water Technology
Food, Nutrition & Culinary Science	TP	T26	C	Dip Food, Nutrition & Culinary Science
Food Science & Nutrition	NYP	C69	C	Dip Food Science & Nutrition
Food Science & Technology	SP	S47	C	Dip Food Science & Technology
Landscape Design & Horticulture	NP	N57	D	Dip Landscape Design & Horticulture
Medical Biotechnology	TP	T64	C	Dip Medical Biotechnology
Perfumery & Cosmetic Science	SP	S38	C	Dip Perfumery & Cosmetic Science
Pharmaceutical Science	NP	N73	C	Dip Pharmaceutical Science
Pharmaceutical Science	NYP	C65	C	Dip Pharmaceutical Science
Pharmaceutical Science	RP	R22	C	Dip Pharmaceutical Science
Pharmaceutical Science	TP	T25	C	Dip Pharmaceutical Science
Veterinary Technology	TP	T45	C	Dip Veterinary Technology
B. BUILT ENVIRONMENT				
Architecture	NYP	C38	C	Dip Architecture
Architecture	SP	S66	D	Dip Architecture
Architectural Technology & Building Services	TP	T29	C	Dip Architectural Technology & Building Services
Civil Engineering	SP	S68	C	Dip Civil Engineering
Facilities Management	SP	S95	C	Dip Facilities Management
Hotel & Leisure Facilities Management	NP	N40	C	Dip Hotel & Leisure Facilities Management
Integrated Events & Project Management	SP	S50	C	Dip Integrated Events & Project Management
Integrated Facility Management	TP	T28	C	Dip Integrated Facility Management
Landscape Architecture	SP	S94	D	Dip Landscape Architecture
Real Estate Business	NP	N48	C	Dip Real Estate Business
Sustainable Built Environment	RP	R61	C	Dip Sustainable Built Environment
C. BUSINESS & MANAGEMENT				
Accountancy	NP	N51	B	Dip Accountancy
Accountancy	SP	S75	B	Dip Accountancy
Accountancy & Finance	NYP	C98	B	Dip Accountancy & Finance
Accountancy & Finance	TP	T02	B	Dip Accountancy & Finance
Arts Business Management	NP	N91	B	Dip Arts Business Management
Aviation Management	RP	R39	C	Dip Aviation Management
Aviation Management	TP	T04	C	Dip Aviation Management
Banking & Finance	NP	N53	B	Dip Banking & Finance

Course	Polytechnic	Course Code	Aggregate Type	Award
Banking & Finance	NYP	C96	B	Dip Banking & Finance
Banking & Finance	SP	S76	B	Dip Banking & Finance
Business	RP	R60	B	Dip Business
Business	TP	T10	B	Dip Business
Business & Financial Technology	NYP	C35	C	Dip Business & Financial Technology
Business Administration	SP	S71	B	Dip Business Administration
Business Management	NYP	C94	B	Dip Business Management
Business Process & Systems Engineering	TP	T43	C	Dip Business Process & Systems Engineering
Business Studies	NP	N45	B	Dip Business Studies
Common Business Programme	NP	N97	B	Dip Accountancy/ Dip Banking & Finance/ Dip Business Studies/ Dip International Trade & Business/ Dip Tourism & Resort Management
Common Business Programme	NYP	C34	B	Dip Accountancy & Finance/ Dip Banking & Finance/ Dip Business Management/ Dip Food & Beverage Business/ Dip Hospitality & Tourism Management
Common Business Programme	RP	R57	B	Dip Business/ Dip Consumer Behaviour & Research/ Dip Customer Experience Management with Business/ Dip Hotel & Hospitality Management/ Dip Human Resource Management with Psychology/ Dip Integrated Events Management/ Dip Restaurant & Culinary Operations/ Dip Tourism Management with Technology
Common Business Programme	SP	S31	B	Dip Accountancy/ Dip Banking & Finance/ Dip Business Administration/ Dip Human Resource Management with Psychology
Common Business Programme	TP	T01	B	Dip Accountancy & Finance/ Dip Business/ Dip Culinary & Catering Management/ Dip Hospitality & Tourism Management/ Dip International Trade & Logistics/ Dip Law & Management/ Dip Marketing
Communications & Media Management	TP	T40	A	Dip Communications & Media Management
Consumer Behaviour & Research	RP	R48	B	Dip Consumer Behaviour & Research
Culinary & Catering Management	TP	T18	B	Dip Culinary & Catering Management
Customer Experience Management with Business	RP	R34	B	Dip Customer Experience Management with Business
Food & Beverage Business	NYP	C46	B	Dip Food & Beverage Business
Hospitality & Tourism Management	NYP	C67	B	Dip Hospitality & Tourism Management
Hospitality & Tourism Management	TP	T08	B	Dip Hospitality & Tourism Management
Hotel & Hospitality Management	RP	R37	B	Dip Hotel & Hospitality Management
Human Resource Management with Psychology	RP	R52	B	Dip Human Resource Management with Psychology
Human Resource Management with Psychology	SP	S48	B	Dip Human Resource Management with Psychology
Industrial & Operations Management	RP	R11	C	Dip Industrial & Operations Management

Course	Polytechnic	Course Code	Aggregate Type	Award
Integrated Events Management	RP	R28	B	Dip Integrated Events Management
International Trade & Business	NP	N85	B	Dip International Trade & Business
Law & Management	TP	T09	B	Dip Law & Management
International Trade & Logistics	TP	T07	B	Dip International Trade & Logistics
Marketing	TP	T67	B	Dip Marketing
Mass Media Management	NYP	C93	B	Dip Mass Media Management
Outdoor & Adventure Learning	RP	R33	B	Dip Outdoor & Adventure Learning
Restaurant & Culinary Operations	RP	R46	B	Dip Restaurant & Culinary Operations
Sport & Wellness Management	NYP	C81	B	Dip Sport & Wellness Management
Supply Chain Management	RP	R21	C	Dip Supply Chain Management
Tourism & Resort Management	NP	N72	B	Dip Tourism & Resort Management
Tourism Management with Technology ***(New)***	RP	R64	B	Dip Tourism Management with Technology
D. ENGINEERING				
Advanced & Digital Manufacturing	NYP	C62	C	Dip Advanced & Digital Manufacturing
Aeronautical & Aerospace Technology	NYP	C51	C	Dip Aeronautical & Aerospace Technology
Aeronautical Engineering	SP	S88	C	Dip Aeronautical Engineering
Aerospace Electronics	SP	S90	C	Dip Aerospace Electronics
Aerospace Electronics	TP	T50	C	Dip Aerospace Electronics
Aerospace Engineering	NP	N65	C	Dip Aerospace Engineering
Aerospace Engineering	RP	R40	C	Dip Aerospace Engineering
Aerospace Engineering	TP	T51	C	Dip Aerospace Engineering
Aerospace Systems & Management	NYP	C52	C	Dip Aerospace Systems & Management
AI & Data Engineering	NYP	C31	C	Dip AI & Data Engineering
Automation & Mechatronic Systems	NP	N50	C	Dip Automation & Mechatronic Systems
Biomedical Engineering	NP	N60	C	Dip Biomedical Engineering
Biomedical Engineering	NYP	C71	C	Dip Biomedical Engineering
Common Engineering Programme	NP	N71	C	Dip Aerospace Engineering/ Dip Automation & Mechatronic Systems/ Dip Biomedical Engineering/ Dip Electrical Engineering/ Dip Electronic & Computer Engineering/ Dip Engineering Science/ Dip Marine & Offshore Technology/ Dip Mechanical Engineering
Common Engineering Programme	NYP	C42	C	Dip Advanced & Digital Manufacturing/ Dip Aeronautical & Aerospace Technology/ Dip Aerospace Systems & Management/ Dip AI & Data Engineering**/** Dip Biomedical Engineering/ Dip Electronic & Computer Engineering/ Dip Engineering with Business/ Dip Infocomm & Media Engineering/ Dip Robotics & Mechatronics/ Dip Nanotechnology & Materials Science
Common Engineering Programme	RP	R42	C	Dip Aerospace Engineering/ Dip Aviation Management/ Dip Electrical & Electronic Engineering/ Dip Engineering Design with Business/ Dip Engineering Systems & Management/ Dip Industrial & Operations Management/ Dip Supply Chain Management/ Dip Sustainable Built Environment

Course	Polytechnic	Course Code	Aggregate Type	Award
Common Engineering Programme	SP	S40	C	Dip Aeronautical Engineering/ Dip Aerospace Electronics/ Dip Computer Engineering/ Dip Electrical & Electronic Engineering/ Dip Engineering with Business/ Dip Mechanical Engineering/ Dip Mechanical Engineering (Biomedical)/ Dip Mechatronics & Robotics
Common Engineering Programme	TP	T56	C	Dip Aerospace Electronics/ Dip Aerospace Engineering/ Dip Biomedical Engineering/ Dip Business Process & Systems Engineering/ Dip Computer Engineering/ Dip Electronics/ Dip Mechatronics
Computer Engineering	SP	S53	C	Dip Computer Engineering
Computer Engineering	TP	T13	C	Dip Computer Engineering
Electrical & Electronic Engineering	RP	R50	C	Dip Electrical & Electronic Engineering
Electrical & Electronic Engineering	SP	S99	C	Dip Electrical & Electronic Engineering
Electrical Engineering	NP	N43	C	Dip Electrical Engineering
Electronic & Computer Engineering	NP	N44	C	Dip Electronic & Computer Engineering
Electronic & Computer Engineering	NYP	C89	C	Dip Electronic & Computer Engineering
Electronics	TP	T65	C	Dip Electronics
Engineering Design with Business	RP	R56	C	Dip Engineering Design with Business
Engineering Science	NP	N93	C	Dip Engineering Science
Engineering Systems & Management	RP	R54	C	Dip Engineering Systems & Management
Engineering with Business	NYP	C41	C	Dip Engineering with Business
Engineering with Business	SP	S42	C	Dip Engineering with Business
Mechanical Engineering	NP	N41	C	Dip Mechanical Engineering
Mechanical Engineering	SP	S91	C	Dip Mechanical Engineering/ Dip Mechanical Engineering (Biomedical)
Mechatronics	TP	T66	C	Dip Mechatronics
Mechatronics & Robotics	SP	S73	C	Dip Mechatronics & Robotics
Infocomm & Media Engineering	NYP	C75	C	Dip Infocomm & Media Engineering
Nanotechnology & Materials Science	NYP	C50	C	Dip Nanotechnology & Materials Science
Robotics & Mechatronics	NYP	C87	C	Dip Robotics & Mechatronics
E. HEALTH SCIENCES				
Common Sports and Health Programme	RP	R63	C	Dip Health Management & Promotion/ Dip Health Services Management/ Dip Outdoor & Adventure Learning/ Dip Sport Coaching/ Dip Sport & Exercise Science
Health Management & Promotion	RP	R43	C	Dip Health Management & Promotion
Health Services Management	RP	R45	C	Dip Health Services Management
Nursing	NP	N69	C	Dip Nursing
Nursing	NYP	C97	C	Dip Nursing
Optometry	NP	N83	C	Dip Optometry
Optometry	SP	S67	C	Dip Optometry
Oral Health Therapy	NYP	C72	C	Dip Oral Health Therapy
Sport & Exercise Science	RP	R26	C	Dip Sport & Exercise Science
Sport Coaching	RP	R49	C	Dip Sport Coaching
F. HUMANITIES				
Chinese Studies	NP	N70	A	Dip Chinese Studies
Community Development	NP	N11	A	Dip Community Development
Psychology Studies	TP	T48	A	Dip Psychology Studies

Course	Polytechnic	Course Code	Aggregate Type	Award
Social Sciences in Gerontology	TP	T53	A	Dip Social Sciences in Gerontology
Social Work	NYP	C47	A	Dip Social Work
G. HUMANITIES (Conducted by the National Institute of Early Childhood Development in collaboration with Ngee Ann Polytechnic/Temasek Polytechnic)				
Early Childhood Development & Education	NP	N96	A	Dip Early Childhood Development & Education
Early Childhood Development & Education	TP	T68	A	Dip Early Childhood Development & Education
Tamil Studies with Early Education	NP	N95	A	Dip Tamil Studies with Early Education
H. INFORMATION & DIGITAL TECHNOLOGIES				
Applied AI & Analytics ***(Previously known as Business Intelligence & Analytics)***	NYP	C43	C	Dip Applied AI & Analytics
Applied AI & Analytics	SP	S30	C	Dip Applied AI & Analytics
Applied Artificial Intelligence	TP	T69	C	Dip Applied Artificial Intelligence
Big Data & Analytics	TP	T60	C	Dip Big Data & Analytics
Business Information Systems	RP	R13	C	Dip Business Information Systems
Common ICT Programme	NP	N98	C	Dip Cybersecurity & Digital Forensics/ Dip Data Science/ Dip Immersive Media/ Dip Information Technology
Common ICT Programme	NYP	C36	C	Dip Business & Financial Technology/ Dip Cybersecurity & Digital Forensics/ Dip Infocomm & Security/ Dip Information Technology
Common ICT Programme	RP	R58	C	Dip Business Information Systems/ Dip Digital Design & Development/ Dip Financial Technology/ Dip Infocomm Security Management/ Dip Information Technology
Common ICT Programme	SP	S32	C	Dip Applied AI & Analytics/ Dip Infocomm Security Management/ Dip Information Technology
Common ICT Programme	TP	T63	C	Dip Applied Artificial Intelligence/ Dip Big Data & Analytics/ Dip Cybersecurity & Digital Forensics/ Dip Immersive Media & Game Development/ Dip Information Technology
Cybersecurity & Digital Forensics	NP	N94	C	Dip Cybersecurity & Digital Forensics
Cybersecurity & Digital Forensics	NYP	C54	C	Dip Cybersecurity & Digital Forensics
Cybersecurity & Digital Forensics	TP	T62	C	Dip Cybersecurity & Digital Forensics
Data Science	NP	N81	C	Dip Data Science
Digital Design & Development	RP	R47	C	Dip Digital Design & Development
Financial Technology	RP	R18	C	Dip Financial Technology
Game Development & Technology	NYP	C70	C	Dip Game Development & Technology
Immersive Media	NP	N55	C	Dip Immersive Media
Immersive Media & Game Development (***Previously known as Game Design & Development)***	TP	T58	C	Dip Immersive Media & Game Development
Infocomm & Security	NYP	C80	C	Dip Infocomm & Security
Infocomm Security Management	RP	R55	C	Dip Infocomm Security Management
Infocomm Security Management	SP	S54	C	Dip Infocomm Security Management

Course	Polytechnic	Course Code	Aggregate Type	Award
Information Technology	NP	N54	C	Dip Information Technology
Information Technology	NYP	C85	C	Dip Information Technology
Information Technology	RP	R12	C	Dip Information Technology
Information Technology	SP	S69	C	Dip Information Technology
Information Technology	TP	T30	C	Dip Information Technology
I. MARITIME STUDIES				
Marine & Offshore Technology	NP	N42	C	Dip Marine & Offshore Technology
Marine Engineering	SP	S63	C	Dip Marine Engineering
Maritime Business	SP	S74	C	Dip Maritime Business
J. MEDIA & DESIGN				
Animation, Games & Visual Effects ***(New)*** ***(Course merger between Animation & Visual Effects and Digital Game Art & Design)***	NYP	C29	D	Dip Animation, Games & Visual Effects
Apparel Design & Merchandising	TP	T20	D	Dip Apparel Design & Merchandising
Arts & Theatre Management	RP	R25	A	Dip Arts & Theatre Management
Chinese Media & Communication	NP	N88	A	Dip Chinese Media & Communication
Common Arts, Design and Media Programme ***(New)***	RP	R65	A	Dip Arts & Theatre Management/ Dip Design for Games & Gamification/ Dip Design for User Experience/ Dip Media Production & Design/ Dip Sonic Arts
Common Design & Media Programme ***(New)***	NYP	C28	D	Dip Animation, Games & Visual Effects/ Dip Communication & Motion Design/ Dip Experiential Product & Interior Design
Common Design Programme ***(New)***	TP	T71	D	Dip Apparel Design & Merchandising/ Dip Communication Design/ Dip Digital Film and Television/ Dip Interior Architecture & Design/ Dip Product Experience & Design
Common Media Programme ***(New)***	NP	N14	A	Dip Film, Sound & Video/ Dip Mass Communication/ Dip Media Post-Production
Communication & Motion Design ***(New)*** ***(Course merger between Visual Communication and Motion Graphics Design)***	NYP	C30	D	Dip Communication & Motion Design
Communication Design	TP	T59	D	Dip Communication Design
Design	NP	N12	D	Dip Design
Design for Games & Gamification	RP	R35	D	Dip Design for Games & Gamification
Design for User Experience	RP	R36	D	Dip Design for User Experience
Digital Film & Television	TP	T23	D	Dip Digital Film & Television
Experiential Product & Interior Design ***(Course merger between Experiential Product & Interior Design and Interaction Design)***	NYP	C32	D	Dip Experiential Product & Interior Design
Film, Sound & Video	NP	N82	D	Dip Film, Sound & Video
Interior Architecture & Design	TP	T22	D	Dip Interior Architecture & Design

Course	Polytechnic	Course Code	Aggregate Type	Award
Interior Design	SP	S89	D	Dip Interior Design
Mass Communication	NP	N67	A	Dip Mass Communication
Mass Communication	RP	R32	A	Dip Mass Communication
Media Post-Production	NP	N13	D	Dip Media Post-Production
Media Production & Design	RP	R19	A	Dip Media Production & Design
Media, Arts & Design	SP	S29	D	Dip Media, Arts & Design
Product Experience & Design ***(Previously known as Product & Industrial Design)***	TP	T35	D	Dip Product Experience & Design
Sonic Arts	RP	R24	D	Dip Sonic Arts

Note: (Table 4 Polytechnic Courses)

1. *The Polytechnics are abbreviated as follows:*

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

2. *The Polytechnic aggregate types are abbreviated as follows:*

   A : ELR2B2-A *C : ELR2B2-C*
   B : ELR2B2-B *D : ELR2B2-D*

3. *Dip = Diploma*

4. ***(New)** = New course(s) offered under the 2023 Joint Admissions Exercise (JAE)*

Table 5
ITE Courses (2-Year Duration)

Course Certification	ITE College	Course Code	Aggregate Type
A. APPLIED SCIENCES			
Higher Nitec in Biotechnology	ITE College East	V18	ELR2B2-C
Higher Nitec in Chemical Technology	ITE College East	V44	ELR2B2-C
B. BUSINESS & SERVICES			
Higher Nitec in Accounting	ITE College Central	V39	ELR1B3-B
Higher Nitec in Accounting	ITE College East	V27	ELR1B3-B
Higher Nitec in Accounting	ITE College West	V90	ELR1B3-B
Higher Nitec in Beauty & Wellness Management	ITE College East	V54	ELB4-A
Higher Nitec in Event Management	ITE College Central	V40	ELR1B3-B
Higher Nitec in Event Management	ITE College East	V41	ELR1B3-B
Higher Nitec in Financial Services	ITE College Central	V52	ELR1B3-B
Higher Nitec in Human Resource & Administration	ITE College Central	V91	ELR1B3-B
Higher Nitec in Human Resource & Administration	ITE College East	V92	ELR1B3-B
Higher Nitec in Leisure & Travel Operations	ITE College West	V65	ELB4-A
Higher Nitec in International Logistics	ITE College East	V81	ELR1B3-B
Higher Nitec in Maritime Business	ITE College Central	V86	ELR1B3-B
Higher Nitec in Passenger Services	ITE College Central	V82	ELB4-A
Higher Nitec in Passenger Services	ITE College East	V80	ELB4-A
Higher Nitec in Retail & Online Business	ITE College Central	V66	ELR1B3-B
Higher Nitec in Service Management	ITE College West	V62	ELR1B3-B
Higher Nitec in Sport Management	ITE College Central	V12	ELR1B3-B
Higher Nitec in Sport Management	ITE College East	V19	ELR1B3-B
Higher Nitec in Sport Management	ITE College West	V85	ELR1B3-B
C. BUSINESS & SERVICES (Conducted by the National Institute of Early Childhood Development in collaboration with ITE)			
Higher Nitec in Early Childhood Education	ITE College Central	V42	ELB4-A
D. DESIGN & MEDIA			
Higher Nitec in Architectural Technology	ITE College Central	V10	ELR2B2-C
Higher Nitec in Filmmaking (Cinematography)	ITE College Central	V93	ELR1B3-B
Higher Nitec in Interactive Design	ITE College Central	V94	ELR1B3-B
Higher Nitec in Motion Graphics	ITE College Central	V14	ELB4-A
Higher Nitec in Performance Production	ITE College Central	V97	ELR1B3-B
Higher Nitec in Visual Effects	ITE College Central	V15	ELR1B3-B
Higher Nitec in Visual Merchandising	ITE College Central	V55	ELB4-A
E. ELECTRONICS & INFO-COMM TECHNOLOGY			
Higher Nitec in AI Applications	ITE College Central	V16	ELR2B2-C
Higher Nitec in AI Applications	ITE College West	V25	ELR2B2-C
Higher Nitec in Business Information Systems	ITE College East	V49	ELR2B2-C
Higher Nitec in Cyber & Network Security	ITE College Central	V22	ELR2B2-C
Higher Nitec in Cyber & Network Security	ITE College East	V47	ELR2B2-C
Higher Nitec in Cyber & Network Security	ITE College West	V74	ELR2B2-C
Higher Nitec in Data Engineering	ITE College West	V20	ELR2B2-C
Higher Nitec in Electronics Engineering	ITE College Central	V11	ELR2B2-C
Higher Nitec in Electronics Engineering	ITE College East	V29	ELR2B2-C
Higher Nitec in Electronics Engineering	ITE College West	V68	ELR2B2-C
Higher Nitec in Immersive Applications & Game ***(Course merger between Games Art & Design and Games Programming & Development)***	ITE College Central	V17	ELR2B2-C
Higher Nitec in IT Applications Development	ITE College Central	V61	ELR2B2-C
Higher Nitec in IT Applications Development	ITE College East	V87	ELR2B2-C
Higher Nitec in IT Applications Development	ITE College West	V63	ELR2B2-C

Course Certification	ITE College	Course Code	Aggregate Type
Higher Nitec in IT Systems & Networks	ITE College Central	V26	ELR2B2-C
Higher Nitec in IT Systems & Networks	ITE College East	V30	ELR2B2-C
Higher Nitec in IT Systems & Networks	ITE College West	V70	ELR2B2-C
Higher Nitec in Security System Integration	ITE College West	V77	ELR2B2-C
F. ENGINEERING			
Higher Nitec in Civil & Structural Engineering Design	ITE College East	V23	ELR2B2-C
Higher Nitec in Electrical Engineering	ITE College East	V28	ELR2B2-C
Higher Nitec in Electrical Engineering	ITE College West	V67	ELR2B2-C
Higher Nitec in Engineering with Business	ITE College Central	V84	ELR2B2-C
Higher Nitec in Facility Management	ITE College East	V88	ELR2B2-C
Higher Nitec in Facility Management	ITE College West	V89	ELR2B2-C
Higher Nitec in Integrated Mechanical & Electrical Design	ITE College East	V24	ELR2B2-C
Higher Nitec in Landscape Management & Design	ITE College East	V60	ELR2B2-C
Higher Nitec in Marine Engineering	ITE College Central	V71	ELR2B2-C
Higher Nitec in Marine & Offshore Technology	ITE College Central	V72	ELR2B2-C
Higher Nitec in Mechanical Engineering	ITE College Central	V21	ELR2B2-C
Higher Nitec in Mechanical Engineering	ITE College East	V35	ELR2B2-C
Higher Nitec in Mechanical Engineering	ITE College West	V78	ELR2B2-C
Higher Nitec in Mechatronics Engineering	ITE College Central	V13	ELR2B2-C
Higher Nitec in Mechatronics Engineering	ITE College West	V73	ELR2B2-C
Higher Nitec in Offshore & Marine Engineering Design	ITE College Central	V75	ELR2B2-C
Higher Nitec in Rapid Transit Engineering	ITE College West	V96	ELR2B2-C
Higher Nitec in Robotics & Smart Systems	ITE College Central	V98	ELR2B2-C
G. HOSPITALITY			
Higher Nitec in Hospitality Operations	ITE College West	V64	ELB4-A

Note: (Table 5 ITE Courses)

1. *Higher Nitec = Higher National ITE Certificate*

AGGREGATE COMPUTATION & SUBJECT DESCRIPTIONS

SECTION 5

1 Aggregate Computation

1.1 The aggregate computation for admission to junior college (JC), Millennia Institute (MI), polytechnic and Institute of Technical Education (ITE) courses are shown in Table 6 below.

1.2 The admission criteria for the various JC, MI, polytechnic and ITE courses are specified in Sections 6a to 6g.

Table 6
Aggregate Types Computation Criteria

	L1R5 : For JC Course		
L1	First Language	-	English/Higher Mother Tongue
R5	Relevant Subject 1	-	Humanities/Higher Art/Higher Music/Malay (Special Programme)/ Chinese (Special Programme)/Bahasa Indonesia
	Relevant Subject 2	-	Mathematics/Science
	Relevant Subject 3	-	Humanities/Higher Art/Higher Music/Mathematics/ Science/ Malay (Special Programme)/Chinese (Special Programme)/ Bahasa Indonesia
	Relevant Subject 4	-	Any GCE O-Level subjects (except Religious Knowledge)
	Relevant Subject 5	-	Any GCE O-Level subjects (except Religious Knowledge)

	L1R4 : For MI Course		
L1	First Language	-	English/Higher Mother Tongue
R4	Relevant Subject 1	-	Humanities/Higher Art/Higher Music/Mathematics/ Science/ Malay (Special Programme)/Chinese (Special Programme)/ Bahasa Indonesia
	Relevant Subject 2	-	Humanities/Higher Art/Higher Music/Mathematics/ Science/ Malay (Special Programme)/Chinese (Special Programme)/ Bahasa Indonesia
	Relevant Subject 3	-	Any GCE O-Level subjects (except Religious Knowledge)
	Relevant Subject 4	-	Any GCE O-Level subjects (except Religious Knowledge)

		ELR2B2 : For Polytechnic Courses			
Aggregate Type		**ELR2B2-A**	**ELR2B2-B**	**ELR2B2-C**	**ELR2B2-D**
EL		English			
R2	1st Group of Relevant Subjects	Art/Art & Design Business Studies Combined Humanities Commerce Commercial Studies Economics Geography Higher Art Higher Music History Humanities (Social Studies, Literature in English) Humanities (Social Studies, Literature in Chinese) Humanities (Social Studies, Literature in Malay) Humanities (Social Studies, Literature in Tamil) Humanities (Social Studies, History) Humanities (Social Studies, Geography) Intro to Enterprise Development Literature in English Literature in Chinese Literature in Malay Literature in Tamil Media Studies (English) Media Studies (Chinese) Music	Elementary Mathematics Additional Mathematics		
	2nd Group of Relevant Subjects	Additional Mathematics Art/Art & Design Business Studies Chinese Combined Humanities Commerce Commercial Studies Creative 3D Animation Design & Technology Design Studies Economics Elementary Mathematics Food & Nutrition/Nutrition & Food Science Geography Higher Art Higher Chinese Higher Malay Higher Music Higher Tamil History Humanities (Social Studies, Literature in English) Humanities (Social Studies, Literature in Chinese) Humanities (Social Studies, Literature in Malay) Humanities (Social Studies, Literature in Tamil) Humanities (Social Studies, History) Humanities (Social Studies, Geography) Intro to Enterprise Development Literature in English Literature in Chinese Literature in Malay Literature in Tamil Malay Media Studies (English) Media Studies (Chinese) Music Principles of Accounts Tamil	Art/Art & Design Business Studies Combined Humanities Commerce Commercial Studies Economics Geography Higher Art Higher Music History Humanities (Social Studies, Literature in English) Humanities (Social Studies, Literature in Chinese) Humanities (Social Studies, Literature in Malay) Humanities (Social Studies, Literature in Tamil) Humanities (Social Studies, History) Humanities (Social Studies, Geography) Intro to Enterprise Development Literature in English Literature in Chinese Literature in Malay Literature in Tamil Media Studies (English) Media Studies (Chinese) Music Principles of Accounts	Add[n] Combined Science Additional Science Biology Biotechnology Chemistry Combined Science Computing/Computer Studies Creative 3D Animation Design & Technology Food & Nutrition/Nutrition & Food Science Electronics/Fundamentals of Electronics General Science Human & Social Biology Integrated Science Physics/Engineering Science Science (Chem, Bio) Science (Phy, Bio) Science (Phy,Chem)/ Physical Science Science (Phy, Chem, Bio)	Add[n] Combined Science Additional Science Art/Art & Design Biology Biotechnology Chemistry Combined Science Computing/Computer Studies Creative 3D Animation Design & Technology Design Studies Food & Nutrition/Nutrition & Food Science Electronics/Fundamentals of Electronics General Science Higher Art Human & Social Biology Integrated Science Media Studies (English) Media Studies (Chinese) Physics/Engineering Science Science (Chem, Bio) Science (Phy, Bio) Science (Phy, Chem)/Physical Science Science (Phy, Chem, Bio)
B2		Best 2 other subjects			

<table>
<tr><td></td><td colspan="6">ELB4, ELR1B3 & ELR2B2 : For ITE Higher Nitec Courses</td></tr>
<tr><td>Aggregate Type</td><td>ELB4-A</td><td colspan="2">ELR1B3-B</td><td colspan="3">ELR2B2-C</td></tr>
<tr><td>EL</td><td colspan="6">English</td></tr>
<tr><td rowspan="3">B4</td><td rowspan="3">Best 4 other subjects</td><td>R1</td><td>Elementary Mathematics
Additional Mathematics
Principles of Accounts</td><td rowspan="3">R2</td><td>1st Group of Relevant Subjects</td><td>Elementary Mathematics
Additional Mathematics</td></tr>
<tr><td>B3</td><td>Best 3 other subjects</td><td>2nd Group of Relevant Subjects</td><td>Biology
Biotechnology
Chemistry
Combined Science
Computing/Computer Studies
Design & Technology
Electronics/Fundamental of Electronics
Human & Social Biology
Integrated Science
Physics/Engineering Science
Science (Chem, Bio)
Science (Phy, Bio)
Science (Phy, Chem)/Physical Science
Science (Phy, Chem, Bio)</td></tr>
<tr><td colspan="2">B2</td><td>Best 2 other subjects</td></tr>
</table>

Note:

1. *Grades for both Higher Mother Tongue Language (viz. Higher Chinese, Higher Malay and Higher Tamil) and Mother Tongue Language (viz. Chinese, Malay and Tamil) cannot be used in the same aggregate computation.*

2. *"Merit" and "Pass" grades for the Mother Tongue 'B' Syllabus (viz. Chinese 'B', Malay 'B' and Tamil 'B') cannot be used for the computation of aggregate points.*

3. *The "**R2**" in EL**R2**B2-A, B, C and D computation for polytechnic and EL**R2**B2-C ITE Higher Nitec courses refers to 1 subject from "1st Group of Relevant Subjects" and 1 subject from "2nd Group of Relevant Subjects".*

Table 7
GCE O-Level Subject Type and Description

Subject Type	Subject Description	Subject Type	Subject Description
H	Bahasa Indonesia as a Third Language	O	Computing/Computer Studies (OSIE)
H	Chinese/Malay (Special Programme)	O	Creative 3D Animation (Applied Subject)
H	Combined Humanities	O	Design & Technology
H	Geography	O	Design Studies (Applied Subject)
H	Higher Art	O	Drama/Drama (OSIE)
H	Higher Music	O	Economics (OSIE)
H	History	O	Electronics/Fundamentals of Electronics (Applied Subject)
H	Humanities (Social Studies, Geography)	O	English as a First Language
H	Humanities (Social Studies, History)	O	English as a Second Language
H	Humanities (Social Studies, Literature In Chinese)	O	Exercise And Sports Science/Physical Education (OSIE)
H	Humanities (Social Studies, Literature In English)	O	Fashion & Fabrics
H	Humanities (Social Studies, Literature In Malay)	O	Food & Nutrition/Nutrition & Food Science
H	Humanities (Social Studies, Literature In Tamil)	O	Geometrical & Building Drawing
H	Literature in Chinese	O	Geometrical & Mechanical Drawing
H	Literature in English	O	Health Science
H	Literature in Malay	O	Higher Chinese
H	Literature in Tamil	O	Higher Malay
M	Additional Mathematics	O	Higher Tamil
M	Mathematics (Syllabus B, C or D)	O	Home Management
S	Additional Science	O	Introduction to Enterprise Development (Applied Subject)
S	Biology	O	Malay
S	Chemistry	O	Media Studies (Chinese) (Applied Subject)
S	Combined Science	O	Media Studies (English) (Applied Subject)
S	General Science	O	Music
S	Human & Social Biology	O	Others
S	Integrated Sci./Additional Combined Sci.	O	Principles of Accounts
S	Physics/Engineering Science	O	Tamil
S	Science (Chemistry, Biology)	O	Woodwork/Metalwork/Metalwork (Engineering)/ Electricity & Electronics
S	Science (Phy, Chem)/Physical Science	-	Bible Knowledge
S	Science (Physics, Biology)	-	Buddhist Studies
S	Science (Physics, Chemistry, Biology)	-	Chinese Language 'B' Syllabus
O	Approved Asian/Foreign Languages	-	Confucian Ethics
O	Arabic as a Third Language	-	Hindu Studies
O	Art/Art & Design	-	Islamic Religious Knowledge
O	Bengali/Gujarati/Hindi/Punjabi/Urdu	-	Malay Language 'B' Syllabus
O	Biotechnology (Applied Subject)	-	Mother Tongue Exemption
O	Business Studies (OSIE)	-	Sikh Studies
O	Chinese	-	Tamil Language 'B' Syllabus
O	Commerce/Commercial Studies		

Note:
The codes for "Subject Type" in the table above are abbreviated as follows:
H: Humanities *S: Science*
M: Mathematics *O: Others, including O-Level School-Initiated Electives (OSIE) and Applied Subjects*

ENTRY REQUIREMENTS OF COURSES TO JUNIOR COLLEGES & MILLENNIA INSTITUTE

SECTION 6a

Ministry of Education
SINGAPORE

1 Admission Criteria to Junior Colleges and Millennia Institute

1.1 The 2-year Pre-U course is offered only in junior colleges (JC)^. To be eligible for admission to a JC course, applicants must satisfy the criteria specified in Table 8:

Table 8
Eligibility Criteria for Admission to JC

Aggregate Range for L1R5 (excludes bonus points) *For further details on computing the aggregate, please refer to Section 5 Table 6.*	**Meet Subject Requirements as specified in Table 10 ?**	
	Yes	**No**
≤ 15	Eligible	Eligible for *Conditional Admission*
16 – 20		Eligible for *Conditional Admission* only if students have grades of 'A1' or 'A2' in all the R5 subjects

1.2 The 3-year Pre-U course is offered only in Millennia Institute (MI)^. To be eligible for admission to the MI course, applicants must satisfy the criteria specified in Table 9:

Table 9
Eligibility Criteria for Admission to MI

Aggregate Range for L1R4 (excludes bonus points) *For further details on computing the aggregate, please refer to Section 5 Table 6.*	**Meet Subject Requirements as specified in Table 10 ?**	
	Yes	**No**
≤ 15	Eligible	Eligible for *Conditional Admission*
16 – 20		Eligible for *Conditional Admission* only if students have grades of 'A1' or 'A2' in all the R4 subjects

*^Find out about the JC and MI in SchoolFinder website at **www.moe.gov.sg/schoolfinder** (see **Annex H** for the Guide to use SchoolFinder) and **Annex D** in this Information Booklet.*

Table 10
Subject Requirements

Subject		Requirement
English Language		A1 to C6
Mother Tongue Language * :		
	Chinese Language, Malay Language, Tamil Language	A1 to D7
OR	Higher Chinese Language, Higher Malay Language, Higher Tamil Language	A1 to E8
OR	Chinese Language 'B' Syllabus, Malay Language 'B' Syllabus, Tamil Language 'B' Syllabus	Merit or Pass
Mathematics:		
	Mathematics	A1 to D7
OR	Additional Mathematics	A1 to D7

***** *Official Mother Tongue Languages refer to Chinese Language, Malay Language and Tamil Language taken at the Singapore-Cambridge GCE O-Level examination.*

Non-Tamil Indian Languages (viz. Bengali, Gujarati, Hindi, Punjabi and Urdu) and Asian/Foreign Languages (viz. Arabic, Burmese, French, German, Japanese and Thai) approved by the Ministry of Education in lieu of an Official Mother Tongue Language could be considered as Mother Tongue Language in deciding admission eligibility.

2 Conditional Admission to JC and MI

2.1 If you are admitted conditionally to the JC or MI course, you are required to re-sit for the relevant language and/or mathematics papers by the following year's GCE O-Level examination.

2.2 For Students Admitted Conditionally to JC

If you fail to obtain the requisite language and/or mathematics grades at the GCE O-Level examination by the end of JC Year 1, you will be transferred to 2nd year of the MI course. You have to leave the JC course regardless of whether you had been promoted to JC Year 2 based on internal examination results. If you still fail to obtain the requisite language and/or mathematics grades at the GCE O-Level examination by the end of MI Year 2, you will be asked to leave the MI course.

2.3 For Students Admitted Conditionally to MI

If you fail to obtain the requisite language and/or mathematics grades by the end of MI Year 1, you will be given another year to obtain it (either in MI Year 1 or MI Year 2, depending on whether you pass the internal examination). If you still fail to obtain the requisite language and/or mathematics grade at the GCE O-Level examination by the end of that year, you will be asked to leave the MI course.

ENTRY REQUIREMENTS OF COURSES TO NANYANG POLYTECHNIC

SECTION 6b

To be eligible for consideration for admission to the various courses in Nanyang Polytechnic, applicants must obtain **26 points or better for the net ELR2B2 aggregate score** (i.e. English Language, 2 relevant subjects and best 2 other subjects, **including CCA Bonus Points**) and meet the minimum entry requirements as shown in the table of courses in this section. CCA cannot be used to meet the minimum entry requirements. For Aggregate Types Computation Criteria (for polytechnic courses), please refer to Table 6 under Section 5 – Aggregate Types Computation Criteria.

The "**Net ELR2B2 Range for Previous (2022) JAE**" in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses through the 2022 Joint Admissions Exercise (JAE)**. These aggregate scores are meant as a reference for applicants applying to these courses, and **do not** constitute the admission scores for subsequent admission exercises. The net ELR2B2 aggregate scores for the courses are not pre-determined by MOE or polytechnics before posting. The eventual course aggregate scores for the 2023 JAE may vary from previous years, depending on students' GCE O-Level examination results and their course choices during the JAE.

Find out about each course at ***www.moe.gov.sg/coursefinder*** (see **Annex H** for the Guide to use CourseFinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
APPLIED SCIENCES				
Applied Chemistry	C45	ELR2B2-C	5 to 9	Subject / Grade a) English Language 1-7 b) Mathematics (Elementary/Additional) 1-6 c) Any one of the following subjects: 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition / Nutrition & Food Science • Physics / Engineering Science • Science (Physics, Biology) • Science (Chemistry, Biology) • Science (Physics, Chemistry) / Physical Science
Biologics & Process Technology	C49	ELR2B2-C	8 to 11	
Chemical & Pharmaceutical Technology	C73	ELR2B2-C	8 to 14	
Common Science Programme ***(New Course in JAE)*** The first semester is common to all students and they will opt for one of the following Diploma courses at the end of semester 1: • Applied Chemistry • Biologics & Process Technology • Chemical & Pharmaceutical Technology • Food Science & Nutrition • Pharmaceutical Science	C27	ELR2B2-C	-	
Food Science & Nutrition	C69	ELR2B2-C	8 to 12	
Pharmaceutical Science	C65	ELR2B2-C	5 to 9	

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td colspan="5">BUILT ENVIRONMENT</td></tr>
<tr><td>Architecture</td><td>C38</td><td>ELR2B2-C</td><td>5 to 14</td><td><u>Subject</u> — <u>Grade</u>
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any two other subjects — 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.</td></tr>
<tr><td colspan="5">BUSINESS & MANAGEMENT</td></tr>
<tr><td>Accountancy & Finance</td><td>C98</td><td>ELR2B2-B</td><td>6 to 12</td><td rowspan="5"><u>Subject</u> — <u>Grade</u>
a) English Language — 1-6
b) Mathematics (Elementary/Additional) — 1-6
c) Any three other subjects: — 1-6

<u>Note:</u>
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.28. This subject will be used for ELR2B2-B aggregate computation.</td></tr>
<tr><td>Banking & Finance</td><td>C96</td><td>ELR2B2-B</td><td>8 to 13</td></tr>
<tr><td>Business Management

<u>Specialisations:</u>
• Customer Relationship and Service Management
• Event Management
• Human Resource Management
• International Business
• E-Commerce and Retail Management
• Marketing & Digital Communications
• Supply Chain Management</td><td>C94</td><td>ELR2B2-B</td><td>6 to 16</td></tr>
<tr><td>Common Business Programme

The first semester is common to all students and they will opt for one of the following Diploma courses at the end of semester 1:
• Accountancy & Finance
• Banking & Finance
• Business Management
• Food & Beverage Business
• Hospitality & Tourism Management</td><td>C34</td><td>ELR2B2-B</td><td>5 to 15</td></tr>
<tr><td>Food & Beverage Business

<u>Specialisations:</u>
• Food & Beverage Management
• Culinary Arts</td><td>C46</td><td>ELR2B2-B</td><td>6 to 16</td></tr>
</table>

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Hospitality & Tourism Management</td><td>C67</td><td>ELR2B2-B</td><td>11 to 17</td><td rowspan="3">Subject — Grade
a) English Language — 1-6
b) Mathematics (Elementary/Additional) — 1-6
c) Any three other subjects: — 1-6

<u>Note:</u>
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.28. This subject will be used for ELR2B2-B aggregate computation.</td></tr>
<tr><td>Mass Media Management</td><td>C93</td><td>ELR2B2-B</td><td>5 to 13</td></tr>
<tr><td>Sport & Wellness Management</td><td>C81</td><td>ELR2B2-B</td><td>7 to 15</td></tr>
<tr><td>Business & Financial Technology</td><td>C35</td><td>ELR2B2-C</td><td>10 to 15</td><td>Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any two other subjects — 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.</td></tr>
<tr><td colspan="5">ENGINEERING</td></tr>
<tr><td>Aeronautical & Aerospace Technology ⑤
<u>Specialisations:</u>
• Aerospace Systems & Testing
• Aerospace Manufacturing</td><td>C51</td><td>ELR2B2-C</td><td>9 to 16</td><td rowspan="5">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects: — 1-6

• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Physics, Biology)
• Science (Chemistry, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Aerospace Systems & Management ⑤</td><td>C52</td><td>ELR2B2-C</td><td>15 to 18</td></tr>
<tr><td>Advanced & Digital Manufacturing

<u>Specialisations:</u>
• Additive Manufacturing
• Aerospace Manufacturing
• Biomedical Manufacturing
• Advanced Precision Manufacturing</td><td>C62</td><td>ELR2B2-C</td><td>10 to 24</td></tr>
<tr><td>AI & Data Engineering</td><td>C31</td><td>ELR2B2-C</td><td>4 to 9</td></tr>
<tr><td>Biomedical Engineering ①

<u>Specialisations:</u>
• Biomedical Device Technology
• Quality System & Regulatory Compliance
• Biomedical Design & Manufacturing Technology</td><td>C71</td><td>ELR2B2-C</td><td>8 to 13</td></tr>
</table>

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Common Engineering Programme

The first academic semester is common to all students. Students may choose to take the Electronics-Aerospace-Computer Engineering Track or the Mechanical-Aerospace-Biomedical Engineering Track in the second academic semester. At the end of academic year 1, they will opt for one of the following Diploma courses:
• Advanced & Digital Manufacturing
• Aeronautical & Aerospace Technology ⑤
• Aerospace Systems & Management ⑤
• AI & Data Engineering
• Biomedical Engineering ①
• Electronic & Computer Engineering ①
• Engineering with Business
• Infocomm & Media Engineering ①
• Nanotechnology & Materials Science ①
• Robotics & Mechatronics ①</td><td>C42</td><td>ELR2B2-C</td><td>5 to 24</td><td rowspan="8">Subject — Grade
a) English Language 1-7
b) Mathematics (Elementary/Additional) 1-6
c) Any one of the following subjects: 1-6
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Physics, Biology)
• Science (Chemistry, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Electronic & Computer Engineering ①

<u>Specialisations:</u>
• Computer Engineering
• Business Operations
• Microelectronics
• Internet of Things</td><td>C89</td><td>ELR2B2-C</td><td>7 to 16</td></tr>
<tr><td>Engineering with Business</td><td>C41</td><td>ELR2B2-C</td><td>11 to 15</td></tr>
<tr><td>Infocomm & Media Engineering ①
<u>Specialisations:</u>
• Software & Applications
• Cloud Infrastructure & Services
• UX Design & Engineering
• Media Technology & Systems</td><td>C75</td><td>ELR2B2-C</td><td>14 to 20</td></tr>
<tr><td>Nanotechnology & Materials Science ①</td><td>C50</td><td>ELR2B2-C</td><td>3 to 14</td></tr>
<tr><td>Robotics & Mechatronics ①

<u>Specialisations:</u>
• Wafer Fabrication Technology
• Automation & Robotics Technology
• Biomedical Engineering
• Aerospace Technology</td><td>C87</td><td>ELR2B2-C</td><td>9 to 18</td></tr>
</table>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
HEALTH SCIENCES				
Oral Health Therapy ② ③	C72	ELR2B2-C	5 to 11	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any one of the following subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition / Nutrition & Food Science • Human & Social Biology • Physics / Engineering Science • Science (Physics, Biology) • Science (Chemistry, Biology) • Science (Physics, Chemistry) / Physical Science
Nursing ②	C97*****	ELR2B2-C	3 to 28	
HUMANITIES				
Social Work	C47	ELR2B2-A	4 to 12	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-7 c) Any three other subjects — 1-6 **Note:** *To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.*
INFORMATION & DIGITAL TECHNOLOGIES				
Applied AI & Analytics ***(Previously known as Business Intelligence & Analytics)***	C43	ELR2B2-C	5 to 11	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any two other subjects — 1-6 **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-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.*
Common ICT Programme The first academic year is common to all students and they will opt for one of the following Diploma courses at the end of academic year 1: • Business & Financial Technology • Cybersecurity & Digital Forensics • Infocomm & Security • Information Technology	C36	ELR2B2-C	4 to 14	
Cybersecurity & Digital Forensics **Specialisations:** • Cyber Security • Cyber Forensics	C54	ELR2B2-C	4 to 8	

* *Applicants require net ELR2B2-C aggregate score of 28 points or better to be eligible for C97.*

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Infocomm & Security

<u>Specialisations:</u>
• Systems & Network Security
• Enterprise Infrastructure
• Infocomm Solutions</td><td>C80</td><td>ELR2B2-C</td><td>7 to 15</td><td rowspan="3"><u>Subject</u> <u>Grade</u>
a) English Language 1-7
b) Mathematics (Elementary/Additional) 1-6
c) Any two other subjects 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.</td></tr>
<tr><td>Game Development & Technology</td><td>C70</td><td>ELR2B2-C</td><td>5 to 13</td></tr>
<tr><td>Information Technology

<u>Specialisations:</u>
• Artificial Intelligence
• Cyber Security
• Enterprise Cloud Computing
• Geospatial & Mobile Innovation</td><td>C85</td><td>ELR2B2-C</td><td>5 to 13</td></tr>
<tr><td colspan="5">MEDIA & DESIGN</td></tr>
<tr><td>Animation, Games & Visual Effects ④
(New Course in JAE)

This is a new course which has been formed from the merger of the following courses. These courses will no longer be offered for the 2023 intake:
<table><tr><th>Course Title & Code</th><th>Net ELR2B2 Range for the Previous (2022) JAE</th></tr><tr><td>Animation & Visual Effects, C33</td><td>4 to 12</td></tr><tr><td>Digital Game Art & Design, C60</td><td>4 to 11</td></tr></table>
<u>Specialisations:</u>
• Animation
• Games
• Visual Effects</td><td>C29</td><td>ELR2B2-D</td><td>-</td><td rowspan="2"><u>Subject</u> <u>Grade</u>
a) English Language 1-7
b) Mathematics (Elementary/Additional) 1-7
c) Any two other subjects 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.</td></tr>
<tr><td>Common Design & Media Programme ④
(New Course in JAE)

The first semester is common to all students and they will opt for one of the following Diploma courses at the end of semester 1:
• Animation, Games & Visual Effects
• Communication & Motion Design
• Experiential Product & Interior Design</td><td>C28</td><td>ELR2B2-D</td><td>-</td></tr>
</table>

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Communication & Motion Design ④
(New Course in JAE)

This is a new course which has been formed from the merger of the following courses. These courses will no longer be offered for the 2023 intake:
<table><tr><th>Course Title & Code</th><th>Net ELR2B2 Range for the Previous (2022) JAE</th></tr><tr><td>Motion Graphics Design, C66</td><td>9 to 13</td></tr><tr><td>Visual Communication, C63</td><td>6 to 15</td></tr></table><u>Specialisations:</u>
• Communication Design
• Motion Design</td><td>C30</td><td>ELR2B2-D</td><td>-</td><td rowspan="2">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-7
c) Any two other subjects — 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.</td></tr>
<tr><td>Experiential Product & Interior Design ④
The following course has been merged into this course and will no longer be offered for the 2023 intake:
<table><tr><th>Course Title & Code</th><th>Net ELR2B2 Range for the Previous (2022) JAE</th></tr><tr><td>Interaction Design, C59</td><td>10 to 16</td></tr></table><u>Specialisations:</u>
• Interactive Experience
• 3D Experience</td><td>C32</td><td>ELR2B2-D</td><td>8 to 17</td></tr>
</table>

Note: (Nanyang Polytechnic)

① *Candidates with colour appreciation deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Nanyang Polytechnic for more information.*

② *As the delivery of direct patient care is a requisite of healthcare professions, all applicants must pass a medical examination and be certified to have the following abilities to perform patient care activities in a safe and effective manner:*

- *Mental-Cognitive ability (including interpersonal-communication ability and behavioural stability) to:*
  - *a) provide safe care to populations, including safety to self*
  - *b) demonstrate emotional-behavioural stability to function under the stress and pressure when performing nursing care on patients*
  - *c) remain calm when being observed by instructors and other health care personnel during clinical practice attachments.*
- *Physical ability to:*
  - *a) move around in the clinical environment, walk/stand, bend, reach, lift climb, push and pull, carry objects*
  - *b) perform patient transfers and complex sequences of hand-eye coordination.*
- *Auditory ability to hear:*
  - *a) faint body sounds*
  - *b) auditory alarms*
  - *c) normal speaking level sounds (i.e. blood pressure sounds, monitors, call bells and person-to-person report).*
- *Visual ability to:*
  - *a) detect changes in physical appearance, colour and contour*
  - *b) read accurately medication/ drug labels, markings on syringes and manometers, written and electronic communication.*

The above required abilities are stipulated in consultation with Singapore Nursing Board to ensure nursing students are fit to practise when they apply for registration/ enrolment upon graduation from nursing programme.

③ *Candidates will have to take and pass a manual dexterity test (MDT) as the MDT is required under industry standards to assess the candidate's fine motor skills crucial for handling of specialized instruments for effective and safe delivery of dental treatment.*

④ *Applicants with severe colour vision deficiency may encounter difficulties in some modules with high reliance on colour usage. Such candidates may be required to attend an interview to determine their suitability for admission to the course. For more clarifications and information, please check directly with Nanyang Polytechnic.*

⑤ *Candidates with colour appreciation deficiency, hearing and other physical impairment may encounter difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Nanyang Polytechnic for more information.*

ENTRY REQUIREMENTS OF COURSES TO NGEE ANN POLYTECHNIC

SECTION 6c

To be eligible for consideration for admission to the various courses in Ngee Ann Polytechnic, applicants must obtain **26 points or better for the net ELR2B2 aggregate score** (i.e. English Language, 2 relevant subjects and best 2 other subjects, **including CCA Bonus Points**) and meet the minimum entry requirements as shown in the table of courses in this section. CCA cannot be used to meet the minimum entry requirements. For Aggregate Types Computation Criteria (for polytechnic courses), please refer to Table 6 under Section 5 – Aggregate Types Computation Criteria.

The "**Net ELR2B2 Range for Previous (2022) JAE**" in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2022 Joint Admissions Exercise (JAE)**. These aggregate scores are meant as a reference for applicants applying to these courses, and **do not** constitute the admission scores for subsequent admission exercises. The net ELR2B2 aggregate scores for the courses are not pre-determined by MOE or polytechnics before posting. The eventual course aggregate scores for the 2023 JAE may vary from previous years, depending on students' GCE O-Level examination results and their course choices during the JAE.

Find out about each course at ***www.moe.gov.sg/coursefinder*** (see **Annex H** for the Guide to use CourseFinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
APPLIED SCIENCES				
Biomedical Science	N59	ELR2B2-C	3 to 8	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any one of the following subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Food & Nutrition / Nutrition & Food Science • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Common Science Programme ① ***(New Course in JAE)*** At the end of the first semester, students will opt for one of the following Diploma courses: • Biomedical Science • Pharmaceutical Science ①	N15	ELR2B2-C	-	
Pharmaceutical Science ①	N73	ELR2B2-C	4 to 9	

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Chemical & Biomolecular Engineering</td><td>N56</td><td>ELR2B2-C</td><td>6 to 12</td><td rowspan="2">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects: — 1-6
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Environmental & Water Technology</td><td>N74</td><td>ELR2B2-C</td><td>6 to 16</td></tr>
<tr><td>Landscape Design & Horticulture</td><td>N57</td><td>ELR2B2-D</td><td>5 to 14</td><td>Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-7
c) Any two other subjects — 1-6

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-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.</td></tr>
<tr><td colspan="5">BUILT ENVIRONMENT</td></tr>
<tr><td>Hotel & Leisure Facilities Management ② ④</td><td>N40</td><td>ELR2B2-C</td><td>10 to 18</td><td rowspan="2">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects: — 1-6
• Art/ Art & Design*
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Design Studies*
• Electronics / Fundamentals of Electronics
• Higher Art*
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science

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-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.</td></tr>
<tr><td>Real Estate Business</td><td>N48</td><td>ELR2B2-C</td><td>8 to 14</td></tr>
</table>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
BUSINESS & MANAGEMENT				
Accountancy [With a choice of 1-year JobReady Programme or 1-semester Business Digitalisation Track in the final year]	N51	ELR2B2-B	4 to 11	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-6 c) Any three other subjects — 1-6 **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.28. This subject will be used for ELR2B2-B aggregate computation.*
Arts Business Management	N91	ELR2B2-B	6 to 13	
Banking & Finance [With a choice of 1-year JobReady Programme in the final year]	N53	ELR2B2-B	5 to 11	
Business Studies **Specialisations:** • Business Sustainability & Digitalisation • Entrepreneurship • Human Capital Management • Marketing [With a choice of 1-year JobReady Programme or Business Digitalisation Track within specialisations in the final year]	N45	ELR2B2-B	3 to 8	
Common Business Programme At the end of the first year, students will opt for one of the following Diploma courses: • Accountancy • Banking & Finance • Business Studies • International Trade & Business • Tourism & Resort Management	N97	ELR2B2-B	5 to 12	
International Trade & Business [With a choice of 1-year JobReady Programme in the final year]	N85	ELR2B2-B	5 to 13	
Tourism & Resort Management [With a choice of 1-year JobReady Programme or Business Digitalisation Track or 1-semester Tourism Startup Internship Project in the final year]	N72	ELR2B2-B	9 to 17	

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td colspan="5">ENGINEERING</td></tr>
<tr><td>Aerospace Engineering ② ③ ⑤

<u>Specialisations:</u>
• Avionics
• Mechanical</td><td>N65</td><td>ELR2B2-C</td><td>5 to 19</td><td rowspan="4">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects: — 1-6
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Automation & Mechatronic Systems ② ③ ⑤</td><td>N50</td><td>ELR2B2-C</td><td>6 to 19</td></tr>
<tr><td>Biomedical Engineering ② ③ ⑤</td><td>N60</td><td>ELR2B2-C</td><td>7 to 11</td></tr>
<tr><td>Common Engineering Programme ② ③ ⑤

At the end of the first year, students will opt for Diploma courses from one of the following tracks:

<u>Mechanical Track</u>:
• Aerospace Engineering (Mechanical Option) ② ③ ⑤
• Automation & Mechatronic Systems ② ③ ⑤
• Marine & Offshore Technology ② ⑤
• Mechanical Engineering ② ⑤

<u>Electrical & Electronic Track</u>:
• Aerospace Engineering (Avionics Option) ② ③ ⑤
• Biomedical Engineering ② ③ ⑤
• Electrical Engineering ② ③ ⑤
• Electronic & Computer Engineering ② ③ ⑤
• Engineering Science ② ③ ⑤</td><td>N71</td><td>ELR2B2-C</td><td>6 to 26</td></tr>
</table>

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Electrical Engineering ② ③ ⑤

<u>Specialisations:</u>
• Clean Energy Management
• Power Engineering</td><td>N43</td><td>ELR2B2-C</td><td>13 to 20</td><td rowspan="4">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects: — 1-6

• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Electronic & Computer Engineering ② ③ ⑤

<u>Specialisations:</u>
• Computer Networks
• Robotics & Communication</td><td>N44</td><td>ELR2B2-C</td><td>7 to 16</td></tr>
<tr><td>Engineering Science ② ③ ⑤</td><td>N93</td><td>ELR2B2-C</td><td>5 to 12</td></tr>
<tr><td>Mechanical Engineering ② ⑤</td><td>N41</td><td>ELR2B2-C</td><td>9 to 20</td></tr>
<tr><td colspan="5">HEALTH SCIENCES</td></tr>
<tr><td>Nursing ⑥</td><td>N69*</td><td>ELR2B2-C</td><td>5 to 28</td><td rowspan="2">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects: — 1-6

• Biology
• Biotechnology
• Chemistry
• Combined Science
• Food & Nutrition / Nutrition & Food Science
• Human & Social Biology
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Optometry ②</td><td>N83</td><td>ELR2B2-C</td><td>6 to 13</td></tr>
</table>

* Applicants require net ELR2B2-C aggregate score of 28 points or better to be eligible for N69.

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
HUMANITIES				
Chinese Studies ⑧ **Specialisations:** • Education • Business	N70	ELR2B2-A	7 to 13	Subject — Grade a) English Language — 1-6 b) Higher Chinese ***or*** Chinese — 1-4 / 1-2 c) Any three other subjects — 1-6 **Note:** *To be eligible for admission, you must also have sat for* *a) Mathematics (Elementary/Additional) and* *b) One subject listed in the 1st group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. This subject will be used for ELR2B2-A aggregate computation.*
Community Development	N11	ELR2B2-A	3 to 13	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-6 c) Any three other subjects — 1-6 **Note:** *To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.*
HUMANITIES (Conducted by the National Institute of Early Childhood Development in collaboration with Ngee Ann Polytechnic)				
Tamil Studies with Early Education ⑦ ⑧	N95	ELR2B2-A	13 to 17	Subject — Grade a) English Language — 1-6 b) Higher Tamil ***or*** Tamil — 1-4 / 1-2 c) Any three other subjects — 1-6 **Note:** *To be eligible for admission, you must also have sat for* *a) Mathematics (Elementary/Additional) and* *b) One subject listed in the 1st group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. This subject will be used for ELR2B2-A aggregate computation.*
Early Childhood Development & Education ⑦ **Track:** • Early Intervention • Mother Tongue Language Teaching – Chinese • Mother Tongue Language Teaching – Tamil	N96	ELR2B2-A	8 to 21	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-6 c) Any three other subjects — 1-6 **Note:** *Students with a D7 in Mathematics may apply for the course provided they have GCE O-Level passes (1-6) in 5 subjects (including English).* *To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.*

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
INFORMATION & DIGITAL TECHNOLOGIES				
Common ICT Programme ② ③ ④ At the end of the first semester, students will opt for one of the following Diploma courses: • Cybersecurity & Digital Forensics ② • Data Science ② • Immersive Media ② ③ ④ • Information Technology ②	N98	ELR2B2-C	5 to 13	Subject — Grade a) English Language 1-7 b) Mathematics (Elementary/Additional) 1-6 c) Any two other subjects 1-6 **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-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.*
Cybersecurity & Digital Forensics ②	N94	ELR2B2-C	5 to 8	
Data Science ②	N81	ELR2B2-C	5 to 11	
Immersive Media ② ③ ④	N55	ELR2B2-C	8 to 15	
Information Technology ②	N54	ELR2B2-C	9 to 15	
MARITIME STUDIES				
Marine & Offshore Technology ② ⑤	N42	ELR2B2-C	16 to 25	Subject — Grade a) English Language 1-7 b) Mathematics (Elementary/Additional) 1-6 c) Any one of the following subjects: 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
MEDIA & DESIGN				
Common Media Programme ② ③ ④ ***(New Course in JAE)*** At the end of the first semester, students will opt for one of the following Diploma courses: • Film, Sound & Video ② ④ • Mass Communication • Media Post-Production ② ③ ④ (Note: Students opting to be streamed into the Diploma in Mass Communication must obtain grade 1 to 4 for O-level English Language)	N14	ELR2B2-A	-	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-7 c) Any two other subjects — 1-6 **Note:** *To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.*
Mass Communication	N67	ELR2B2-A	4 to 11	Subject — Grade a) English Language — 1-4 b) Mathematics (Elementary/Additional) — 1-7 c) Any three other subjects — 1-6 **Note:** *To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.*
Chinese Media & Communication	N88	ELR2B2-A	6 to 15	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-7 c) Higher Chinese ***or*** — 1-4 Chinese — 1-3 d) Any two other subjects — 1-6 **Note:** *To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.*

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
Media Post-Production ② ③ ④	N13	ELR2B2-D	5 to 12	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-7 c) Any two other subjects — 1-6 **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-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.*
Film, Sound & Video ② ④	N82	ELR2B2-D	5 to 11	
Design ② **Specialisations:** • Architecture • Product Innovation	N12	ELR2B2-D	6 to 15	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any two other subjects — 1-6 **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-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.*

Note: (Ngee Ann Polytechnic)

① *Applicants with colour vision deficiency applying for **N73 (Diploma in Pharmaceutical Science)** may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.*

② *Applicants with severe vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.*

③ *Applicants with colour vision deficiency may encounter difficulties meeting the course requirements and expectations. Those with mild colour vision deficiency are required to undergo an in-house test.*

④ *Applicants with hearing deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.*

⑤ *Applicants with profound hearing deficiency, uncontrolled epilepsy and/or severe physical impairments may encounter difficulties meeting the course requirements and expectations. Interested applicants with any of these conditions are advised to contact Ngee Ann Polytechnic for more information.*

⑥ *Due to the special requirements of the healthcare professions, all applicants applying for **N69 (Diploma in Nursing)** have to pass a medical examination and be certified to have the following abilities to perform patient care activities in a safe and effective manner:*

- ***Mental-Cognitive** ability (interpersonal-communication ability and behavioural stability) to:*
  a) provide safe care to populations, including safety to self
  b) demonstrate emotional-behavioural stability to function under the stress and pressure when performing nursing care on patients
  c) remain calm when being observed by instructors and other health care personnel during clinical practice attachments.
- ***Physical ability** to:*
  a) move around in the clinical environment, walk/stand, bend, reach, lift, climb, push and pull, carry objects
  b) perform patient transfers and complex sequences of hand-eye coordination.
- ***Auditory ability** to:*
  a) hear faint body sounds
  b) auditory alarms
  c) normal speaking level sounds (i.e. blood pressure sounds, monitors, call bells and person-to-person report).
- ***Visual ability** to:*
  a) detect changes in physical appearance, colour and contour
  b) read accurately medication / drug labels, markings on syringes and manometers, written and electronic communication.

The above required abilities are stipulated in consultation with Singapore Nursing Board to ensure nursing students are fit to practise when they apply for registration/ enrolment upon graduation from nursing programme.

⑦ *Applicants applying for **N95 (Diploma in Tamil Studies with Early Education)** and **N96 (Diploma in Early Childhood Development & Education)** have to pass a pre-admission medical examination. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children. More details on the medical examination can be found at **bit.ly/NIECmedical**.*

*Applicants admitted to **N95 (Diploma in Tamil Studies with Early Education)** or **N96 (Diploma in Early Childhood Development & Education)** who are keen to register to be certified by the Early Childhood Development Agency (ECDA) as an L2 English Language Preschool Teacher (deployable to teach up to kindergarten level) after graduation must obtain **a minimum of B4 in their GCE O-Level English Language (EL)** or an English Language Acceptable Alternative (ELAA). Applicants who do not meet this EL requirement would be given up to 2 years from their registration as preschool teachers to do so. The diploma is awarded by the National Institute of Early Childhood Development in collaboration with Ngee Ann Polytechnic.*

⑧ ***N95 (Diploma in Tamil Studies with Early Education)** and **N70 (Diploma in Chinese Studies)***

*The Diploma in Tamil Studies with Early Education will allow graduates to teach in both Ministry of Education (MOE) primary schools as well as the Early Childhood sector – subject to additional industry-specific requirements. Applicants admitted to the Diploma in Chinese Studies who wish to teach in MOE primary schools should choose the **Education** specialisation option (at the end of Year 1).*

*Applicants who are keen on a teaching career with the Ministry of Education (MOE) are encouraged to apply under a separate exercise administered by MOE. For more information, please visit **www.moe.gov.sg/careers/become-teachers**. Applicants should apply directly to MOE at the above MOE teach website and click on the link 'Teacher Training Programmes' to apply online. Short-listed candidates will be invited for an interview to determine their eligibility for MOE Teacher Training Scheme. Selected candidates for the Teacher Training Scheme must pass a medical examination.*

ENTRY REQUIREMENTS OF COURSES TO REPUBLIC POLYTECHNIC

SECTION 6d

To be eligible for consideration for admission to the various courses in Republic Polytechnic, applicants must obtain **26 points or better for the net ELR2B2 aggregate score** (i.e. English Language, 2 relevant subjects and best 2 other subjects, **including CCA Bonus Points**) and meet the minimum entry requirements as shown in the table of courses in this section. CCA cannot be used in meeting the minimum entry requirements. For Aggregate Types Computation Criteria (for polytechnic courses), please refer to Table 6 under Section 5 – Aggregate Types Computation Criteria.

The "**Net ELR2B2 Range for Previous (2022) JAE**" in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2022 Joint Admissions Exercise (JAE)**. These aggregate scores are meant as a reference for applicants applying to these courses, and **do not** constitute the admission scores for subsequent admission exercises. The net ELR2B2 aggregate scores for the courses are not pre-determined by MOE or polytechnics before posting. The eventual course aggregate scores for the 2023 JAE may vary from previous years, depending on students' GCE O-Level examination results and their course choices during the JAE.

Find out about each course at ***www.moe.gov.sg/coursefinder*** (see **Annex H** for the Guide to use CourseFinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
APPLIED SCIENCES				
Applied Chemistry ① **Specialisations:** Ⓐ • Industrial Chemistry • Materials Science	R17	ELR2B2-C	11 to 17	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any one of the following subjects — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Food & Nutrition / Nutrition & Food Science • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Biomedical Science ① **Specialisations:** Ⓐ • Biomedical Research • Medical Laboratory Technology	R14	ELR2B2-C	8 to 11	
Biotechnology ① **Specialisations:** Ⓐ • Biologics • Food and Agrotech	R16	ELR2B2-C	10 to 17	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
Common Science Programme ① The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 1: • Applied Chemistry • Biomedical Science • Biotechnology • Environmental & Marine Science • Pharmaceutical Science	R59	ELR2B2-C	7 to 18	Subject — Grade a) English Language 1-7 b) Mathematics (Elementary/Additional) 1-6 c) Any one of the following subjects 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Food & Nutrition / Nutrition & Food Science • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Environmental & Marine Science ① ② ③ **Specialisations:** Ⓐ • Aquaculture Technology • Environmental Management and Technology	R62	ELR2B2-C	7 to 13	
Pharmaceutical Science ① **Specialisations:** Ⓐ • Industrial Pharmacy • Pharmacy Practice	R22	ELR2B2-C	9 to 17	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
BUILT ENVIRONMENT				
Sustainable Built Environment ⑧	R61	ELR2B2-C	15 to 26	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any one of the following subjects — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
BUSINESS & MANAGEMENT				
Business **Specialisations:** Ⓐ • Social Enterprise • Sport Management	R60	ELR2B2-B	15 to 21	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-6 c) Any three other subjects — 1-6 **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.28. This subject will be used for ELR2B2-B aggregate computation.*
Common Business Programme ⑦ The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 8 Diplomas at the end of semester 1: • Business • Consumer Behaviour & Research • Customer Experience Management with Business • Hotel & Hospitality Management • Human Resource Management with Psychology • Integrated Events Management • Restaurant & Culinary Operations • Tourism Management with Technology	R57	ELR2B2-B	13 to 26	
Consumer Behaviour & Research	R48	ELR2B2-B	13 to 18	

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Customer Experience Management with Business</td><td>R34</td><td>ELR2B2-B</td><td>12 to 21</td><td rowspan="8"><u>Subject</u> <u>Grade</u>
a) English Language 1-6
b) Mathematics (Elementary/Additional) 1-6
c) Any three other subjects 1-6

<u>Note:</u>
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.28. This subject will be used for ELR2B2-B aggregate computation.</td></tr>
<tr><td>Hotel & Hospitality Management ③</td><td>R37</td><td>ELR2B2-B</td><td>14 to 26</td></tr>
<tr><td>Human Resource Management with Psychology</td><td>R52</td><td>ELR2B2-B</td><td>11 to 16</td></tr>
<tr><td>Integrated Events Management</td><td>R28</td><td>ELR2B2-B</td><td>15 to 26</td></tr>
<tr><td>Outdoor & Adventure Learning ②④</td><td>R33</td><td>ELR2B2-B</td><td>18 to 26</td></tr>
<tr><td>Restaurant & Culinary Operations ③</td><td>R46</td><td>ELR2B2-B</td><td>10 to 26</td></tr>
<tr><td>Tourism Management with Technology

(New course in JAE)</td><td>R64</td><td>ELR2B2-B</td><td>-</td></tr>
<tr><td>Aviation Management ⑥⑧</td><td>R39</td><td>ELR2B2-C</td><td>16 to 25</td><td rowspan="3"><u>Subject</u> <u>Grade</u>
a) English Language 1-7
b) Mathematics (Elementary/Additional) 1-6
c) Any one of the following subjects 1-6

• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Industrial & Operations Management ⑧</td><td>R11</td><td>ELR2B2-C</td><td>12 to 26</td></tr>
<tr><td>Supply Chain Management ⑧</td><td>R21</td><td>ELR2B2-C</td><td>11 to 25</td></tr>
</table>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
ENGINEERING				
Aerospace Engineering ① ③⑤⑧	R40	ELR2B2-C	17 to 26	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any one of the following subjects — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Common Engineering Programme ⑧ The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 8 Diplomas at the end of semester 1: • Aerospace Engineering • Aviation Management • Electrical & Electronic Engineering • Engineering Design with Business • Engineering Systems & Management • Industrial & Operations Management • Supply Chain Management • Sustainable Built Environment	R42	ELR2B2-C	18 to 26	
Electrical & Electronic Engineering ⑧ **Specialisations:** Ⓐ • Aerospace Electronics • Communications • Microelectronics	R50	ELR2B2-C	16 to 24	
Engineering Design with Business ⑧	R56	ELR2B2-C	13 to 26	
Engineering Systems & Management ⑥⑧	R54	ELR2B2-C	16 to 24	

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td colspan="5">HEALTH SCIENCES</td></tr>
<tr><td>Common Sports and Health Programme ⑨

The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 1:

• Health Management & Promotion
• Health Services Management
• Outdoor & Adventure Learning
• Sport Coaching
• Sport & Exercise Science</td><td>R63</td><td>ELR2B2-C</td><td>11 to 26</td><td rowspan="6">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects — 1-6

• Biology
• Biotechnology
• Chemistry
• Combined Science
• Design & Technology
• Food & Nutrition / Nutrition & Food Science
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Health Management & Promotion ①③⑤</td><td>R43</td><td>ELR2B2-C</td><td>13 to 26</td></tr>
<tr><td>Health Services Management ③</td><td>R45</td><td>ELR2B2-C</td><td>16 to 26</td></tr>
<tr><td>Sport Coaching ③</td><td>R49</td><td>ELR2B2-C</td><td>10 to 18</td></tr>
<tr><td>Sport & Exercise Science ③</td><td>R26</td><td>ELR2B2-C</td><td>6 to 16</td></tr>
<tr><td colspan="5">MEDIA & DESIGN</td></tr>
<tr><td>Mass Communication

<u>Specialisations</u>: Ⓐ

• Journalism
• Public Relations & Marketing Communication</td><td>R32</td><td>ELR2B2-A</td><td>9 to 16</td><td>Subject — Grade
a) English Language — 1-4
b) Mathematics (Elementary/Additional) — 1-7
c) Any three other subjects — 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.</td></tr>
</table>

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Common Arts, Design and Media Programme ⑩

(New course in JAE)

The first-year modules are common to all students, and they will opt for and stream to one of the following 5 Diplomas at the end of semester 2:
• Arts & Theatre Management
• Media Production & Design
• Design for Games & Gamification
• Design for User Experience
• Sonic Arts</td><td>R65</td><td>ELR2B2-A</td><td>-</td><td rowspan="3">Subject — Grade
a) English Language — 1-6
b) Mathematics (Elementary/Additional) — 1-7
c) Any three other subjects — 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.</td></tr>
<tr><td>Arts & Theatre Management ①⑥⑧</td><td>R25</td><td>ELR2B2-A</td><td>6 to 20</td></tr>
<tr><td>Media Production & Design ③</td><td>R19</td><td>ELR2B2-A</td><td>10 to 18</td></tr>
<tr><td>Design for Games & Gamification</td><td>R35</td><td>ELR2B2-D</td><td>12 to 17</td><td rowspan="3">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-7
c) Any two other subjects — 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.</td></tr>
<tr><td>Design for User Experience</td><td>R36</td><td>ELR2B2-D</td><td>16 to 20</td></tr>
<tr><td>Sonic Arts ⑥</td><td>R24</td><td>ELR2B2-D</td><td>5 to 19</td></tr>
</table>

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td colspan="5">INFORMATION & DIGITAL TECHNOLOGIES</td></tr>
<tr><td>Business Information Systems</td><td>R13</td><td>ELR2B2-C</td><td>15 to 26</td><td rowspan="7">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any two other subjects — 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.</td></tr>
<tr><td>Common ICT Programme

The first year modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 2:
Business Information Systems
Digital Design & Development
Financial Technology
Infocomm Security Management
Information Technology</td><td>R58</td><td>ELR2B2-C</td><td>16 to 26</td></tr>
<tr><td>Digital Design & Development</td><td>R47</td><td>ELR2B2-C</td><td>13 to 24</td></tr>
<tr><td>Financial Technology</td><td>R18</td><td>ELR2B2-C</td><td>15 to 26</td></tr>
<tr><td>Infocomm Security Management</td><td>R55</td><td>ELR2B2-C</td><td>13 to 22</td></tr>
<tr><td>Information Technology

<u>Specialisation:</u> Ⓐ
Cloud Infrastructure Management</td><td>R12</td><td>ELR2B2-C</td><td>15 to 26</td></tr>
</table>

Note: (Republic Polytechnic)

① *It should be noted that candidates with visual impairment may encounter difficulties meeting the course requirements and expectations. Applicants with visual impairment who are interested to apply for the following Diploma Programmes may be assessed on a case-by-case basis to determine their suitability for the programmes.*

② *Applicants who are interested in applying for this course should ensure they have water confidence because the course includes participation in water-based activities. For more clarifications and information, please check directly with Republic Polytechnic.*

③ *It should be noted that candidates with colour appreciation deficiency, profound hearing loss, uncontrolled epilepsy and/or physical impairments may encounter difficulties meeting the course requirements and expectations. For more clarifications and information, please check directly with Republic Polytechnic.*

④ *In line with industry requirements, applicants who are interested in applying for a Diploma in Outdoor & Adventure Learning (R33) should ensure that they do not have any mobility, hearing, visual and/or social impairments. They should not have any chronic health conditions such as asthma, epilepsy, skin disorder, high blood pressure, heart problems and schizophrenia. For more clarifications and information, please check directly with Republic Polytechnic.*

⑤ *It should be noted that students with mobility challenges may encounter difficulties meeting the course requirements and expectations. For further clarification and information, please check directly with Republic Polytechnic.*

⑥ *It should be noted that applicants with hearing impairment may encounter difficulties meeting the course requirements and expectations, and may be assessed on a case-by-case basis to determine their suitability for the programme. For more clarifications and information, please check directly with Republic Polytechnic.*

⑦ *Students admitted to the Common Business Programme (R57) must ensure that they satisfy the requirements as stated in the footnotes before they can be streamed to the respective courses.*

⑧ *Applicants with colour vision deficiency may be assessed on a case-by-case basis to determine their suitability for the courses.*

⑨ *Students admitted to the Common Sports and Health Programme (R63) must ensure that they satisfy the requirements of the respective diplomas before they can be streamed to the respective courses. Students opting to stream into the Diploma in Outdoor & Adventure Learning (R33) must fulfil the minimum entry requirements for the diploma, which include meeting the subject specific grades and the required aggregate score.*

⑩ *Students admitted to the Common Arts, Design and Media Programme (R65) and opting to stream into the Diploma in Design for Games & Gamification (R35), the Diploma in Design for User Experience (R36) or the Diploma in Sonic Arts (R24) are required to pass the introductory elective module for the diploma in lieu of fully meeting their minimum entry requirements.*

Ⓐ *Allocation of options/electives/specialisations will depend on students fulfilling the prerequisites of completing selected modules, meeting criteria and also availability of places in the respective courses.*

ENTRY REQUIREMENTS OF COURSES TO SINGAPORE POLYTECHNIC

SECTION 6e

To be eligible for consideration for admission to the various courses in Singapore Polytechnic, applicants must obtain **26 points or better for the net ELR2B2 aggregate score** (i.e. English Language, 2 relevant subjects and best 2 other subjects, **including CCA Bonus Points**) and meet the minimum entry requirements as shown in the table of courses in this section. CCA cannot be used to meet the minimum entry requirements. For Aggregate Types Computation Criteria (for polytechnic courses), please refer to Table 6 under Section 5 – Aggregate Types Computation Criteria.

The "**Net ELR2B2 Range for Previous (2022) JAE**" in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2022 Joint Admissions Exercise (JAE)**. These aggregate scores are meant as a reference for applicants applying to these courses, and **do not** constitute the admission scores for subsequent admission exercises. The net ELR2B2 aggregate scores for the courses are not pre-determined by MOE or polytechnics before posting. The eventual course aggregate scores for the 2023 JAE may vary from previous years, depending on students' GCE O-Level examination results and their course choices during the JAE.

Find out about each course at ***www.moe.gov.sg/coursefinder*** (see **Annex H** for the Guide to use CourseFinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
APPLIED SCIENCES				
Applied Chemistry **Specialisations:** • Industrial Chemistry • Materials Science • Pharmaceutical Science	S64	ELR2B2-C	5 to 9	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) One of the following 3rd relevant subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition / Nutrition & Food Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
Biomedical Science **Specialisations:** • Biotechnology • Cardiac Technology • Medical Technology	S98	ELR2B2-C	3 to 7	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) One of the following 3rd relevant subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition / Nutrition & Food Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Chemical Engineering	S70	ELR2B2-C	5 to 13	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) One of the following 3rd relevant subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Common Science Programme ***(New Course in JAE)*** At the end of Year 1, students will opt for one of the following Diploma courses: • Applied Chemistry • Biomedical Science • Food Science & Technology • Perfumery & Cosmetic Science	S28	ELR2B2-C	-	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) One of the following 3rd relevant subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition / Nutrition & Food Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Food Science & Technology</td><td>S47</td><td>ELR2B2-C</td><td>5 to 13</td><td rowspan="2">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) One of the following 3rd relevant subjects: — 1-6
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Food & Nutrition / Nutrition & Food Science
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Perfumery & Cosmetic Science</td><td>S38</td><td>ELR2B2-C</td><td>5 to 11</td></tr>
<tr><td colspan="5">BUILT ENVIRONMENT</td></tr>
<tr><td>Architecture</td><td>S66</td><td>ELR2B2-D</td><td>5 to 13</td><td rowspan="2">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-7
c) Any two other subjects — 1-6
<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.</td></tr>
<tr><td>Landscape Architecture</td><td>S94</td><td>ELR2B2-D</td><td>8 to 15</td></tr>
<tr><td>Civil Engineering</td><td>S68</td><td>ELR2B2-C</td><td>7 to 20</td><td>Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) One of the following 3rd relevant subjects: — 1-6
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
</table>

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Facilities Management</td><td>S95</td><td>ELR2B2-C</td><td>11 to 19</td><td rowspan="2">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) One of the following 3rd relevant subjects: — 1-6
• Art / Art & Design *
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Design Studies *
• Electronics / Fundamentals of Electronics
• Higher Art *
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science
<u>Note:</u>
*To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.</td></tr>
<tr><td>Integrated Events & Project Management</td><td>S50</td><td>ELR2B2-C</td><td>5 to 16</td></tr>
<tr><td colspan="5">BUSINESS & MANAGEMENT</td></tr>
<tr><td>Accountancy</td><td>S75</td><td>ELR2B2-B</td><td>3 to 12</td><td rowspan="5">Subject — Grade
a) English Language — 1-6
b) Mathematics (Elementary/Additional) — 1-6
c) Any three other subjects — 1-6
<u>Note:</u>
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.28. This subject will be used for ELR2B2-B aggregate computation.</td></tr>
<tr><td>Banking & Finance</td><td>S76</td><td>ELR2B2-B</td><td>6 to 12</td></tr>
<tr><td>Business Administration

<u>Specialisations:</u>
• Digital Marketing & Branding
• Innovation & Entrepreneurship
• International Trade & Operations</td><td>S71</td><td>ELR2B2-B</td><td>4 to 12</td></tr>
<tr><td>Common Business Programme

At the end of Year 1, students will opt for one of the following Diploma courses:
• Accountancy
• Banking & Finance
• Business Administration
• Human Resource Management with Psychology</td><td>S31</td><td>ELR2B2-B</td><td>4 to 12</td></tr>
<tr><td>Human Resource Management with Psychology</td><td>S48</td><td>ELR2B2-B</td><td>5 to 12</td></tr>
</table>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
ENGINEERING				
Aeronautical Engineering ①	S88	ELR2B2-C	5 to 17	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) One of the following 3rd relevant subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Aerospace Electronics ①	S90	ELR2B2-C	7 to 13	
Common Engineering Programme At the end of the first semester, students will opt for one of the following Diploma courses: • Aeronautical Engineering ① • Aerospace Electronics ① • Computer Engineering ② • Electrical & Electronic Engineering ③ • Engineering with Business ② • Mechanical Engineering ② • Mechatronics & Robotics ②	S40	ELR2B2-C	7 to 17	
Computer Engineering② **Specialisations:** • Cloud Systems • Computer Applications • Cyber Security • Smart City Technologies	S53	ELR2B2-C	3 to 12	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
Electrical & Electronic Engineering ③ **Specialisations:** • Biomedical • Communication • Microelectronics • Power • Rapid Transit Technology • Robotics & Control	S99	ELR2B2-C	6 to 17	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) One of the following 3rd relevant subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Engineering with Business ②	S42	ELR2B2-C	5 to 11	
Mechanical Engineering ② **Specialisations:** • Automation and Robotics • Biomedical • Energy & Facilities Management • Engineering Design & Simulation • Precision Engineering • Rapid Transit Technology	S91	ELR2B2-C	4 to 17	
Mechatronics & Robotics ②	S73	ELR2B2-C	5 to 13	
HEALTH SCIENCES				
Optometry ④	S67	ELR2B2-C	6 to 12	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) One of the following 3rd relevant subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition / Nutrition & Food Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td colspan="5">INFORMATION & DIGITAL TECHNOLOGIES</td></tr>
<tr><td>Applied AI & Analytics</td><td>S30</td><td>ELR2B2-C</td><td>3 to 8</td><td rowspan="4">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any two other subjects — 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.</td></tr>
<tr><td>Common ICT Programme

At the end of the first semester, students will opt for one of the following Diploma courses:
• Applied AI & Analytics
• Infocomm Security Management
• Information Technology</td><td>S32</td><td>ELR2B2-C</td><td>3 to 13</td></tr>
<tr><td>Infocomm Security Management</td><td>S54</td><td>ELR2B2-C</td><td>4 to 11</td></tr>
<tr><td>Information Technology

<u>Specialisations:</u>
• Immersive Simulation Technology
• Software Development
• UI & UX</td><td>S69</td><td>ELR2B2-C</td><td>4 to 14</td></tr>
<tr><td colspan="5">MARITIME STUDIES</td></tr>
<tr><td>Marine Engineering ⑤</td><td>S63</td><td>ELR2B2-C</td><td>7 to 22</td><td>Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) One of the following 3rd relevant subjects: — 1-6
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
</table>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
Maritime Business	S74	ELR2B2-C	7 to 18	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any two other subjects — 1-6 **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-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.*
MEDIA & DESIGN				
Interior Design	S89	ELR2B2-D	4 to 14	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-7 c) Any two other subjects — 1-6 **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-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.*
Media, Arts & Design **Specialisations:** • Animation & Games • Creative Community Engagement with Psychology • Digital Media & Communications • Experience & Product Design • Story & Content Creation • Sound & Music • Visual Communication & Motion Design	S29	ELR2B2-D	4 to 12	

Note: (Singapore Polytechnic)

① *Applicants should not be suffering from severe vision deficiency (including colour vision), acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.*

② *Applicants should not be suffering from severe vision deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.*

③ *Applicants who have colour vision deficiency, and wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), may encounter difficulties meeting the course requirements and expectations. This condition is required by the Energy Market Authority (EMA) of Singapore. In addition, applicants should not be suffering from severe vision deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.*

④ *Applicants with severe vision impairment may encounter difficulties meeting the course requirements and expectations. Please refer to the Ministry of Health (MOH) website on "Fitness to Practice" for registered Optometrists. Interested applicants with this condition are highly encouraged to contact Singapore Polytechnic for more information.*

⑤ *All candidates must pass the colour vision test as per The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).*

DIRECT ADMISSIONS EXERCISE (DAE)

Application for admission to the Diploma in Nautical Studies is conducted as a separate admissions exercise by Singapore Polytechnic. The minimum entry requirements are shown below. Interested applicants should apply directly to Singapore Polytechnic at ***courseapplication.sp.edu.sg.***

	Subject	Grade
a)	English Language	1-7
b)	Mathematics (Elementary/Additional)	1-6
c)	Any two other subjects	1-6

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-C Aggregate Type on p.28. Students must also have net ELR2B2-C Aggregate of 26 or better (with no more than 2 years of GCE O-Level examination results).

- Applicants must ensure that they have good eyesight (i.e. visual acuity unaided of 6/60 in both eyes and with visual aids of 6/6 in the better eye and at least 6/9 in the other eye).
- Applicants must also pass the colour vision test as per The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).
- Shortlisted candidates will be required to attend an interview conducted by the Singapore Maritime Academy. International students are required to find a Singapore shipping company of their choice that is prepared to offer them an internship for phase 2 of this course.

ENTRY REQUIREMENTS OF COURSES TO TEMASEK POLYTECHNIC

SECTION 6f

To be eligible for consideration for admission to the various courses in Temasek Polytechnic, applicants must obtain **26 points or better for the net ELR2B2 aggregate score** (i.e. English Language, 2 relevant subjects and best 2 other subjects, **including CCA Bonus Points**) and meet the minimum entry requirements as shown in the table of courses in this section. CCA cannot be used to meet the minimum entry requirements. For Aggregate Types Computation Criteria (for polytechnic courses), please refer to Table 6 under Section 5 – Aggregate Types Computation Criteria.

The "**Net ELR2B2 Range for Previous (2022) JAE**" in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2022 Joint Admissions Exercise (JAE)**. These aggregate scores are meant as a reference for applicants applying to these courses, and **do not** constitute the admission scores for subsequent admission exercises. The net ELR2B2 aggregate scores for the courses are not pre-determined by MOE or polytechnics before posting. The eventual course aggregate scores for the 2023 JAE may vary from previous years, depending on students' GCE O-Level examination results and their course choices during the JAE.

Find out about each course at ***www.moe.gov.sg/coursefinder*** (see **Annex H** for the Guide to use CourseFinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
APPLIED SCIENCES				
Chemical Engineering ①④ **Specialisations:** Ⓐ • Applied Chemistry • Chemical Processing • Pharmaceutical and Biologics Technology • Semiconductor Technology	T33	ELR2B2-C	6 to 15	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any one of the following subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition / Nutrition & Food Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Common Science Programme ⑥ ***(New Course in JAE)*** The first year curriculum is common to all students. Students will opt for and be streamed to one of the following diplomas at the end of the second Semester. • Dip in Chemical Engineering ①④ • Dip in Food, Nutrition & Culinary Science ①④ • Dip in Medical Biotechnology ①④ • Dip in Pharmaceutical Science ①④ • Dip in Veterinary Technology ①④	T70	ELR2B2-C	-	

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Food, Nutrition & Culinary Science ①④

<u>Specialisations:</u> Ⓐ
• Applied Nutrition
• Food Technology</td><td>T26</td><td>ELR2B2-C</td><td>8 to 14</td><td rowspan="4">Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects: — 1-6

• Biology
• Biotechnology
• Chemistry
• Combined Science
• Food & Nutrition / Nutrition & Food Science
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Medical Biotechnology ①④

<u>Specialisations:</u> Ⓐ
• Bioinformatics
• Clinical Laboratory Practice
• Functional Plant Technology
• Translational Medical Research</td><td>T64</td><td>ELR2B2-C</td><td>3 to 10</td></tr>
<tr><td>Pharmaceutical Science ①④

<u>Specialisations:</u> Ⓐ
• Pharmaceuticals and Biologics
• Pharmacy Practice</td><td>T25</td><td>ELR2B2-C</td><td>7 to 11</td></tr>
<tr><td>Veterinary Technology ① ④

<u>Specialisations:</u> Ⓐ
• Aquaculture
• Veterinary</td><td>T45</td><td>ELR2B2-C</td><td>3 to 10</td></tr>
<tr><td>Biomedical Engineering ① ③ ④

<u>Specialisations</u>:
• Clinical Practices
• Hearing Science
• Healthcare Analytics
• Bioinstrumentation</td><td>T38</td><td>ELR2B2-C</td><td>6 to 13</td><td>Subject — Grade
a) English Language — 1-7
b) Mathematics (Elementary/Additional) — 1-6
c) Any one of the following subjects: — 1-6

• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
</table>

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td colspan="5">BUILT ENVIRONMENT</td></tr>
<tr><td>Architectural Technology & Building Services ③ ④

<u>Specialisations:</u>
• Architectural Technology
• Environmental Sustainable Design
• Building Information Modelling & Management</td><td>T29</td><td>ELR2B2-C</td><td>6 to 16</td><td rowspan="2"><u>Subject</u> <u>Grade</u>
a) English Language 1-7
b) Mathematics (Elementary/Additional) 1-6
c) Any one of the following subjects: 1-6
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Integrated Facility Management ④

<u>Specialisations</u>:
• Project Management
• Smart Facilities Management Technologies
• Sustainable Facilities Management
• Workplace Safety and Health Management</td><td>T28</td><td>ELR2B2-C</td><td>14 to 20</td></tr>
<tr><td colspan="5">BUSINESS & MANAGEMENT</td></tr>
<tr><td>Accountancy & Finance

<u>Specialisations:</u> Ⓐ
• Accounting
• Investment & Banking</td><td>T02</td><td>ELR2B2-B</td><td>4 to 13</td><td rowspan="2"><u>Subject</u> <u>Grade</u>
a) English Language 1-6
b) Mathematics (Elementary/Additional) 1-6
c) Any three other subjects 1-6

<u>Note:</u>
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.28. This subject will be used for ELR2B2-B aggregate computation.</td></tr>
<tr><td>Business

<u>Specialisations:</u> Ⓐ
• Banking & Finance
• Digital Business Innovation
• Human Resource Management with Psychology
• International Business & Entrepreneurship</td><td>T10</td><td>ELR2B2-B</td><td>5 to 14</td></tr>
</table>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
Common Business Programme⑥ The first semester is common to all students. Students will opt for and be streamed to one of the following diplomas at the end of Semester 1.1 • Dip in Accountancy & Finance • Dip in Business • Dip in Culinary & Catering Management ③ ④ • Dip in Hospitality & Tourism Management • Dip in International Trade & Logistics ③ ④ • Dip in Law & Management • Dip in Marketing (Note: Students opting to join the Dip in Law & Management must obtain grade 1 to 4 for O-level English Language.)	T01	ELR2B2-B	5 to 15	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-6 c) Any three other subjects — 1-6 **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.28. This subject will be used for ELR2B2-B aggregate computation.*
Culinary & Catering Management ③ ④ **Specialisations:** Ⓐ • Culinary Option • Baking & Pastry Option	T18	ELR2B2-B	5 to 17	
Hospitality & Tourism Management **Specialisations**: Ⓐ • Hotel & Accommodation • Travel & Tourism • MICE & Events • Healthcare Services • Financial Services • Interactive Digital Media	T08	ELR2B2-B	9 to 18	
International Trade & Logistics ③ ④ **Specialisations**: Ⓐ • E-commerce Logistics • Manufacturing Logistics	T07	ELR2B2-B	8 to 17	

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Marketing
<u>Specialisations</u>: Ⓐ
• Branding & Digital Marketing
• E-commerce & Retail Marketing</td><td>T67</td><td>ELR2B2-B</td><td>5 to 15</td><td><u>Subject</u> <u>Grade</u>
a) English Language 1-6
b) Mathematics (Elementary/Additional) 1-6
c) Any three other subjects 1-6
<u>Note:</u>
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.28. This subject will be used for ELR2B2-B aggregate computation.</td></tr>
<tr><td>Aviation Management ③ ④
<u>Specialisations:</u>
• Airport Management
• Airline Business
• Air Traffic Management
• Flight Training & Operations</td><td>T04</td><td>ELR2B2-C</td><td>6 to 14</td><td rowspan="2"><u>Subject</u> <u>Grade</u>
a) English Language 1-7
b) Mathematics (Elementary/Additional) 1-6
c) Any one of the following subjects: 1-6
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Business Process & Systems Engineering ① ④
<u>Specialisations:</u>
• Business Processes & Analytics
• Systems Engineering & Simulation</td><td>T43</td><td>ELR2B2-C</td><td>8 to 18</td></tr>
<tr><td>Communications & Media Management ③ ④
<u>Specialisations:</u>
• Journalism
• Integrated Media</td><td>T40</td><td>ELR2B2-A</td><td>3 to 13</td><td><u>Subject</u> <u>Grade</u>
a) English Language 1-4
b) Mathematics (Elementary/Additional) 1-7
c) Any three other subjects 1-6
<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.</td></tr>
<tr><td>Law & Management</td><td>T09</td><td>ELR2B2-B</td><td>6 to 11</td><td><u>Subject</u> <u>Grade</u>
a) English Language 1-4
b) Mathematics (Elementary/Additional) 1-6
c) Any three other subjects 1-6
<u>Note:</u>
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.28. This subject will be used for ELR2B2-B aggregate computation.</td></tr>
</table>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
ENGINEERING				
Aerospace Electronics ② ③ ④ ⑦ **Specialisations:** • CAAS approved SAR-147 Licensed Aircraft Engineer Training • Flight Training • Avionics Systems	T50	ELR2B2-C	8 to 18	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any one of the following subjects: — 1-6 • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science
Aerospace Engineering ② ③ ④ ⑦ **Specialisations:** • CAAS approved SAR-147 Licensed Aircraft Engineer Training • Flight Training • Airframe, Engines and Composites	T51	ELR2B2-C	4 to 16	
Common Engineering Programme ⑥ Students will opt for and stream to one of the following 7 Diplomas: At the end of Semester 1.1 • Dip in Aerospace Electronics ②③ ④⑦ • Dip in Aerospace Engineering ②③ ④⑦ • Dip in Business Process & Systems Engineering①④ At the end of Semester 1.2 • Dip in Biomedical Engineering ①③ ④ • Dip in Computer Engineering ①③ ④ • Dip in Electronics ①③ ④ • Dip in Mechatronics ①③ ④	T56	ELR2B2-C	7 to 22	

<table>
<tr><th>Courses</th><th>Course Code</th><th>Aggregate Type</th><th>Net ELR2B2 Range for Previous (2022) JAE</th><th>Minimum Entry Requirements</th></tr>
<tr><td>Computer Engineering ① ③ ④

<u>Specialisations</u>:
• Internet of Things (IoT)
• Artificial Intelligence
• Virtual Reality
• Intelligent Automation</td><td>T13</td><td>ELR2B2-C</td><td>5 to 13</td><td rowspan="3"><u>Subject</u> <u>Grade</u>
a) English Language 1-7
b) Mathematics (Elementary/Additional) 1-6
c) Any one of the following subjects: 1-6

• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science</td></tr>
<tr><td>Electronics ① ③ ④

<u>Specialisations</u>:
• Aerospace Electronics
• Semiconductor Technology
• Robotics
• Industrial Artificial Intelligence
• Intralogistics and Cybersecurity
• Advanced Engineering Skills</td><td>T65</td><td>ELR2B2-C</td><td>9 to 16</td></tr>
<tr><td>Mechatronics ① ③ ④

<u>Specialisations</u>:
• 3D Printing
• Advanced Manufacturing
• Semiconductor Technology
• Intralogistics & Cybersecurity
• Advanced Engineering Skills</td><td>T66</td><td>ELR2B2-C</td><td>11 to 16</td></tr>
<tr><td colspan="5">HUMANITIES</td></tr>
<tr><td>Social Sciences in Gerontology</td><td>T53</td><td>ELR2B2-A</td><td>10 to 14</td><td rowspan="2"><u>Subject</u> <u>Grade</u>
a) English Language 1-6
b) Mathematics (Elementary/Additional) 1-7
c) Any three other subjects 1-6

<u>Note:</u>
To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.</td></tr>
<tr><td>Psychology Studies</td><td>T48</td><td>ELR2B2-A</td><td>3 to 8</td></tr>
</table>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
HUMANITIES (Conducted by the National Institute of Early Childhood Development in collaboration with Temasek Polytechnic)				
Early Childhood Development & Education ⑤ Track • Mother Tongue Language Teaching-Malay • Visual Arts	T68	ELR2B2-A	5 to 20	Subject — Grade a) English Language — 1-6 b) Mathematics (Elementary/Additional) — 1-6 c) Any three other subjects — 1-6 **Note:** *Students with a D7 in Mathematics may apply for the course provided they have GCE O-Level passes (1-6) in 5 subjects (including English).* *To be eligible for admission, you must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type on p.28. Both subjects will be used for ELR2B2-A aggregate computation.*
INFORMATION & DIGITAL TECHNOLOGIES				
Applied Artificial Intelligence ④	T69	ELR2B2-C	5 to 12	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-6 c) Any two other subjects — 1-6 **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-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.*
Big Data & Analytics ④ **Specialisations:** Ⓐ • Advanced Analytics • Advanced Manufacturing Technology	T60	ELR2B2-C	6 to 12	
Common ICT Programme ⑥ The first year is common to all students and they will opt for one of the following diplomas at the end of Semester 1.2 • Dip in Applied Artificial Intelligence ④ • Dip in Big Data & Analytics ④ • Dip in Cybersecurity & Digital Forensics ④ • Dip in Immersive Media & Game Development ④ • Dip in Information Technology ④	T63	ELR2B2-C	4 to 16	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
Cybersecurity & Digital Forensics ④ **Specialisations:** Ⓐ • Digital Forensics • Enterprise Security • Advanced Manufacturing Technology	T62	ELR2B2-C	4 to 12	Subject — Grade a) English Language 1-7 b) Mathematics (Elementary/Additional) 1-6 c) Any two other subjects 1-6 **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-C Aggregate Type on p.28. This subject will be used for ELR2B2-C aggregate computation.*
Immersive Media & Game Development ④ ***(Previously known as Game Design & Development)***	T58	ELR2B2-C	9 to 14	
Information Technology ④ **Specialisations:** Ⓐ • Business Analytics • Advanced Manufacturing Technology • Fintech	T30	ELR2B2-C	5 to 16	
MEDIA & DESIGN				
Apparel Design & Merchandising ② ④	T20	ELR2B2-D	6 to 11	Subject — Grade a) English Language 1-7 b) Mathematics (Elementary/Additional) 1-7 c) Any two other subjects 1-6 **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-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.*
Common Design Programme⑥ ***(New Course in JAE)*** The first semester is common to all students. Students will opt for and be streamed to one of the following diplomas at the end of Semester 1.1 • Dip in Apparel Design & Merchandising② ④ • Dip in Communication Design② ④ • Dip in Digital Film and Television② ④ • Dip in Interior Architecture & Design② ④ • Dip in Product Experience & Design ② ③ ④	T71	ELR2B2-D	-	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2022) JAE	Minimum Entry Requirements
Communication Design ② ④	T59	ELR2B2-D	6 to 15	Subject — Grade a) English Language — 1-7 b) Mathematics (Elementary/Additional) — 1-7 c) Any two other subjects — 1-6 **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-D Aggregate Type on p.28. This subject will be used for ELR2B2-D aggregate computation.*
Digital Film & Television ② ④	T23	ELR2B2-D	5 to 14	
Interior Architecture & Design ② ④	T22	ELR2B2-D	8 to 14	
Product Experience & Design ② ③ ④ ***(Previously known as Product & Industrial Design)***	T35	ELR2B2-D	9 to 17	

Note: (Temasek Polytechnic)

All successful applicants are required to go through medical examination. An applicant with a medical condition may be assessed further to verify the severity of the condition and to determine suitability for the course posted to so as to be in line with industry requirements, training requirements and/or safety reasons.

① *Applicants with severe colour vision deficiency may have difficulties meeting the course requirements and expectations. Interested applicants with severe colour vision deficiency are highly encouraged to contact Temasek Polytechnic for more information.*

② *Applicants with mild or severe colour vision deficiency may have difficulties meeting the course requirements and expectations. Interested applicants with mild or severe colour vision deficiency are highly encouraged to contact Temasek Polytechnic for more information*.

③ *Applicants with uncontrolled epilepsy or profound hearing loss may have difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Temasek Polytechnic for more information.*

④ *Applicants with severe visual impairment may have difficulties meeting the course requirements and expectations. Interested applicants with severe visual impairment are highly encouraged to contact Temasek Polytechnic for more information.*

⑤ *Applicants applying for the Diploma in Early Childhood Development & Education [T68] have to pass a pre-admission medical examination to enter the course. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children. More details on the medical examination can be found at bit.ly/NIECmedical.*

Applicants admitted to the Diploma in Early Childhood Development & Education [T68] and are keen to register to be certified by the Early Childhood Development Agency (ECDA) as an L2 English Language Preschool Teacher (deployable to teach up to kindergarten level) after graduation must obtain a ***minimum of B4 in their GCE O-Level English Language (EL1)*** *or an English Language Acceptable Alternatives (ELAA). Applicants who do not meet the English Language requirement would be given up to 2 years from their registration as pre-school teachers to do so. This diploma is awarded by the National Institute of Early Childhood Development in collaboration with Temasek Polytechnic.*

⑥ *Students opting for any courses in the common programme must ensure that they satisfy the requirements as stated in the footnotes under the respective courses.*

⑦ *Applicants with physical impairment or are physically dependent on mobility equipment may have difficulties meeting the course requirements and expectations. Interested applicants with physical impairment are highly encouraged to contact Temasek Polytechnic for more information.*

Ⓐ *Allocation of options/ electives/ specialisations will depend on students fulfilling the prerequisite of completing selected modules, meeting criteria, and also availability of places in the respective courses.*

ENTRY REQUIREMENTS OF COURSES TO INSTITUTE OF TECHNICAL EDUCATION

SECTION 6g

Institute of Technical Education

To be eligible for consideration for admission to the *Higher Nitec* courses under JAE, applicants must have the minimum results as shown in the table of courses for this section and have sat for at least 5 GCE O-Level subjects over a maximum of 2 years. CCA cannot be used to meet the minimum entry requirements.

The "**Net Aggregate Range for Previous (2022) JAE**" in the table below shows the **net aggregate scores of the highest to lowest ranked students who were admitted to these courses in the 2022 Joint Admissions Exercise (JAE).** These aggregate scores are meant as a reference for applicants applying to these courses, and **do not** constitute the admission scores for subsequent admission exercises. The net aggregate scores for the courses are not pre-determined by MOE or ITE before posting. The eventual course aggregate scores for the 2023 JAE may vary from previous years, depending on students' GCE O-Level examination results and their course choices during the JAE.

Find out about each course at ***www.moe.gov.sg/coursefinder*** (see **Annex H** for the Guide to use CourseFinder).

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2022) JAE	Minimum Entry Requirements	
					Subject	**Grade**
APPLIED SCIENCES						
Biotechnology	ITE College East	V18	ELR2B2-C	13 to 27	a) English Language b) Mathematics (Elementary/Additional) c) One of the following subjects: • Biology • Biotechnology • Chemistry • Combined Science • Human & Social Biology • Integrated Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science • Science (Physics, Biology, Chemistry)	1-8 1-7 1-8
Chemical Technology	ITE College East	V44	ELR2B2-C	19 to 29		
BUSINESS & SERVICES						
Accounting	ITE College Central	V39	ELR1B3-B	12 to 29	a) English Language b) Mathematics (Elementary/Additional) ***or*** Principles of Accounts * c) One other subject	1-7 1-8 1-7
	ITE College East	V27	ELR1B3-B	15 to 35		
	ITE College West	V90	ELR1B3-B	16 to 31		
Event Management	ITE College Central	V40	ELR1B3-B	17 to 37	**Note:** ** To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	
	ITE College East	V41	ELR1B3-B	20 to 32		

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2022) JAE	Minimum Entry Requirements	
					Subject	Grade
Financial Services	ITE College Central	V52	ELR1B3-B	13 to 39	a) English Language b) Mathematics (Elementary/Additional) ***or*** Principles of Accounts * c) One other subject	1-7 1-8 1-7
Human Resource & Administration	ITE College Central	V91	ELR1B3-B	18 to 25	**Note:** ** To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	
	ITE College East	V92	ELR1B3-B	17 to 37		
International Logistics	ITE College East	V81	ELR1B3-B	13 to 33		
Maritime Business	ITE College Central	V86	ELR1B3-B	13 to 36		
Retail & Online Business	ITE College Central	V66	ELR1B3-B	20 to 30		
Service Management	ITE College West	V62	ELR1B3-B	20 to 36		
Sport Management	ITE College Central	V12	ELR1B3-B	14 to 28		
	ITE College East	V19	ELR1B3-B	18 to 34		
	ITE College West	V85	ELR1B3-B	22 to 34		
Beauty & Wellness Management ②	ITE College East	V54	ELB4-A	12 to 37	a) English Language b) Any two other subjects	1-7 1-7
Leisure & Travel Operations	ITE College West	V65	ELB4-A	21 to 36	**Note:** *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	
Passenger Services	ITE College Central	V82	ELB4-A	19 to 36		
	ITE College East	V80	ELB4-A	18 to 35		

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2022) JAE	Minimum Entry Requirements Subject / Grade
BUSINESS & SERVICES (Conducted by the National Institute of Early Childhood Development in collaboration with ITE)					
Early Childhood Education ③	ITE College Central	V42	ELB4-A	13 to 31	a) English Language 1-6 b) Any two other subjects 1-6 **Note:** *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*
DESIGN & MEDIA					
Filmmaking (Cinematography) ①	ITE College Central	V93	ELR1B3-B	16 to 27	a) English Language 1-7 b) Mathematics (Elementary/Additional) ***or*** Principles of Accounts * 1-8 c) One other subject 1-7 **Note:** ** To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*
Performance Production ①④	ITE College Central	V97	ELR1B3-B	17 to 36	
Interactive Design ①	ITE College Central	V94	ELR1B3-B	11 to 36	a) English Language 1-8 b) Mathematics (Elementary/Additional) ***or*** Principles of Accounts * 1-7 c) One other subject 1-8
Visual Effects ①	ITE College Central	V15	ELR1B3-B	19 to 33	**Note:** **To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*
Architectural Technology ①	ITE College Central	V10	ELR2B2-C	19 to 29	a) English Language 1-8 b) Mathematics (Elementary/Additional) 1-7 c) One of the following subjects: 1-8 • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Human & Social Biology • Integrated Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science • Science (Physics, Biology, Chemistry)
Motion Graphics ①	ITE College Central	V14	ELB4-A	10 to 21	a) English Language 1-7 b) Any two other subjects 1-8
Visual Merchandising ①	ITE College Central	V55	ELB4-A	14 to 30	**Note:** *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*

<table>
<tr><th>Courses</th><th>ITE College</th><th>Course Code</th><th>Aggregate Type</th><th>Net Aggregate Range for Previous (2022) JAE</th><th colspan="2">Minimum Entry Requirements</th></tr>
<tr><th colspan="5"></th><th>Subject</th><th>Grade</th></tr>
<tr><td colspan="7">ELECTRONICS & INFO-COMM TECHNOLOGY</td></tr>
<tr><td rowspan="2">AI Applications</td><td>ITE College Central</td><td>V16</td><td>ELR2B2-C</td><td>-</td><td rowspan="19" colspan="2">a) English Language 1-8
b) Mathematics (Elementary/Additional) 1-7
c) One of the following subjects: 1-8
• Biology
• Biotechnology
• Chemistry
• Combined Science
• Computing / Computer Studies
• Design & Technology
• Electronics / Fundamentals of Electronics
• Human & Social Biology
• Integrated Science
• Physics / Engineering Science
• Science (Chemistry, Biology)
• Science (Physics, Biology)
• Science (Physics, Chemistry) / Physical Science
• Science (Physics, Biology, Chemistry)</td></tr>
<tr><td>ITE College West</td><td>V25</td><td>ELR2B2-C</td><td>4 to 28</td></tr>
<tr><td>Business Information Systems</td><td>ITE College East</td><td>V49</td><td>ELR2B2-C</td><td>14 to 33</td></tr>
<tr><td rowspan="3">Cyber & Network Security</td><td>ITE College Central</td><td>V22</td><td>ELR2B2-C</td><td>15 to 26</td></tr>
<tr><td>ITE College East</td><td>V47</td><td>ELR2B2-C</td><td>21 to 39</td></tr>
<tr><td>ITE College West</td><td>V74</td><td>ELR2B2-C</td><td>19 to 34</td></tr>
<tr><td>Data Engineering</td><td>ITE College West</td><td>V20</td><td>ELR2B2-C</td><td>11 to 36</td></tr>
<tr><td rowspan="3">Electronics Engineering ①</td><td>ITE College Central</td><td>V11</td><td>ELR2B2-C</td><td>23 to 35</td></tr>
<tr><td>ITE College East</td><td>V29</td><td>ELR2B2-C</td><td>19 to 31</td></tr>
<tr><td>ITE College West</td><td>V68</td><td>ELR2B2-C</td><td>19 to 34</td></tr>
<tr><td>Immersive Applications & Game
This is a new course which has been formed from the merger of the following courses. These courses will no longer be offered for the 2023 intake:
<table>
<tr><th>Course Title & Code</th><th>Net Aggregate Range for Previous (2022) JAE</th></tr>
<tr><td>Games Art & Design, V45</td><td>12 to 28</td></tr>
<tr><td>Games Programming & Development, V99</td><td>19 to 29</td></tr>
</table></td><td>ITE College Central</td><td>V17</td><td>ELR2B2-C</td><td>-</td></tr>
<tr><td rowspan="3">IT Applications Development</td><td>ITE College Central</td><td>V61</td><td>ELR2B2-C</td><td>22 to 34</td></tr>
<tr><td>ITE College East</td><td>V87</td><td>ELR2B2-C</td><td>27 to 32</td></tr>
<tr><td>ITE College West</td><td>V63</td><td>ELR2B2-C</td><td>27 to 35</td></tr>
<tr><td rowspan="3">IT Systems & Networks</td><td>ITE College Central</td><td>V26</td><td>ELR2B2-C</td><td>22 to 36</td></tr>
<tr><td>ITE College East</td><td>V30</td><td>ELR2B2-C</td><td>20 to 31</td></tr>
<tr><td>ITE College West</td><td>V70</td><td>ELR2B2-C</td><td>14 to 14</td></tr>
<tr><td>Security System Integration ①</td><td>ITE College West</td><td>V77</td><td>ELR2B2-C</td><td>28 to 30</td></tr>
</table>

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2022) JAE	Minimum Entry Requirements	
					Subject	Grade
ENGINEERING						
Civil & Structural Engineering Design	ITE College East	V23	ELR2B2-C	19 to 30	a) English Language b) Mathematics (Elementary/Additional) c) One of the following subjects: • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Human & Social Biology • Integrated Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science • Science (Physics, Biology, Chemistry)	1-8 1-7 1-8
Electrical Engineering ①	ITE College East	V28	ELR2B2-C	28 to 32		
	ITE College West	V67	ELR2B2-C	27 to 40		
Engineering with Business	ITE College Central	V84	ELR2B2-C	16 to 34		
Facility Management ①	ITE College East	V88	ELR2B2-C	23 to 32		
	ITE College West	V89	ELR2B2-C	22 to 31		
Integrated Mechanical & Electrical Design	ITE College East	V24	ELR2B2-C	14 - 14		
Landscape Management & Design ①	ITE College East	V60	ELR2B2-C	18 to 39		
Marine Engineering	ITE College Central	V71	ELR2B2-C	21 to 34		
Marine & Offshore Technology	ITE College Central	V72	ELR2B2-C	27 to 30		
Mechanical Engineering	ITE College Central	V21	ELR2B2-C	22 to 33		
	ITE College East	V35	ELR2B2-C	23 to 32		
	ITE College West	V78	ELR2B2-C	15 to 32		
Mechatronics Engineering ①	ITE College Central	V13	ELR2B2-C	15 to 32		
	ITE College West	V73	ELR2B2-C	22 to 32		
Offshore & Marine Engineering Design	ITE College Central	V75	ELR2B2-C	19 to 28		
Rapid Transit Engineering ①	ITE College West	V96	ELR2B2-C	24 to 24		
Robotics & Smart Systems ①	ITE College Central	V98	ELR2B2-C	23 to 32		
HOSPITALITY						
Hospitality Operations	ITE College West	V64	ELB4-A	16 to 36	a) English Language b) Any two other subjects **Note:** *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	1-7 1-7

Note : (ITE)

*Please refer to ITE's Admission Booklet or website **www.ite.edu.sg** for more details on the course and college information.*

① *In line with industry requirements, applicants applying for these courses should ensure that they do not have colour appreciation deficiency. Interested applicants with this condition are highly encouraged to contact ITE for more information.*

② *Applicants applying for Higher Nitec in Beauty & Wellness Management [V54] have to pass a pre-admission medical examination.*

③ *Applicants applying for Higher Nitec in Early Childhood Education [V42] have to pass a pre-admission medical examination to enter the course. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children. More details on the medical examination can be found at bit.ly/NIECmedical.*

The Higher Nitec in Early Childhood Education is awarded by the National Institute of Early Childhood Development (NIEC) in collaboration with Institute of Technical Education.

④ *In line with industry requirements, applicants applying for Higher Nitec in Performance Production [V97] should ensure that they do not have acrophobia. Interested applicants with this condition are highly encouraged to contact ITE for more information.*

GUIDE TO JAE INTERNET SYSTEM

ANNEX A

1 How to use the JAE Internet System (JAE-IS)

1.1 Login Page

1.1.1 During the JAE registration period, JAE-IS can be accessed via the JAE website at ***www.moe.gov.sg/jae***.

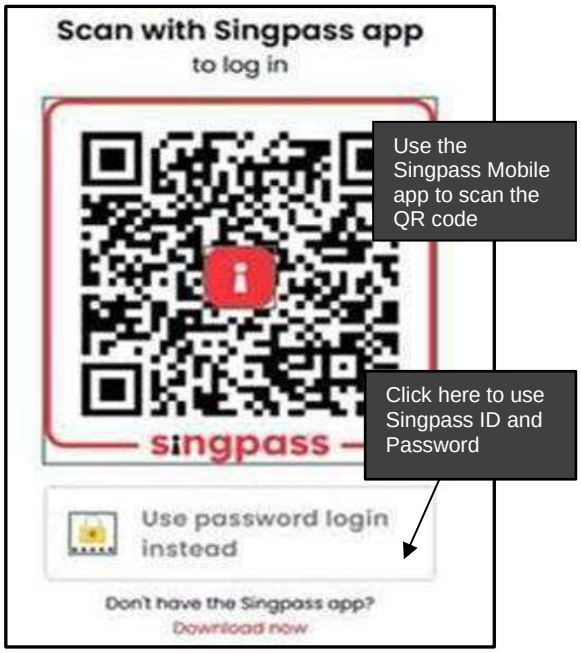
1.1.2 Applicants can select to log in using **Singpass** or **JAE PIN** and the **Login Page** will appear (refer to Screenshot 1).

1.1.3 For **Singpass** Login: Applicants could (a) use **Singpass Mobile app** to scan the **QR code** or (b) enter their **Singpass ID** and **Password**.

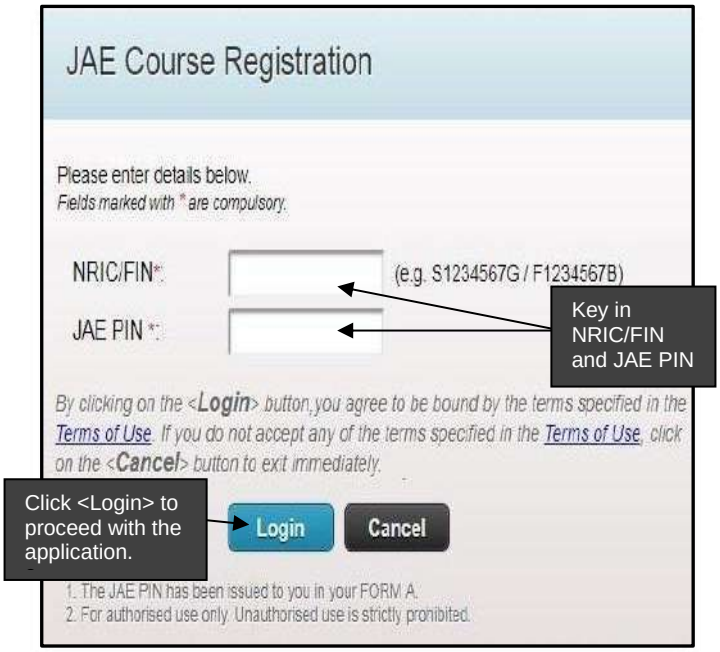
For **JAE PIN** Login: Applicants should enter their **NRIC number** or **FIN**, together with the **JAE PIN** (found in Form A). Applicants should then click on the **<Login>** button to get to the next page.

Screenshot 1 : JAE Internet System (JAE-IS) Login Page

Singpass Login



JAE PIN Login



IMPORTANT NOTE

Applicants are strongly advised to complete each page within 15 minutes, as the system will "time-out" after 15 minutes.

Applicants must click on the **<Submit>** button at the bottom of the **Verify Information Page** (refer to Screenshot 5) to complete the application. Failure to do so would mean that the application is **not** submitted.

The application is considered successfully submitted only when the **Verification Slip Page** (refer to Screenshot 6) appears after clicking the **<Submit>** button.

You will receive the verification slip through the email address you provided. You can also save or print a copy of the verification slip as proof of your course application.

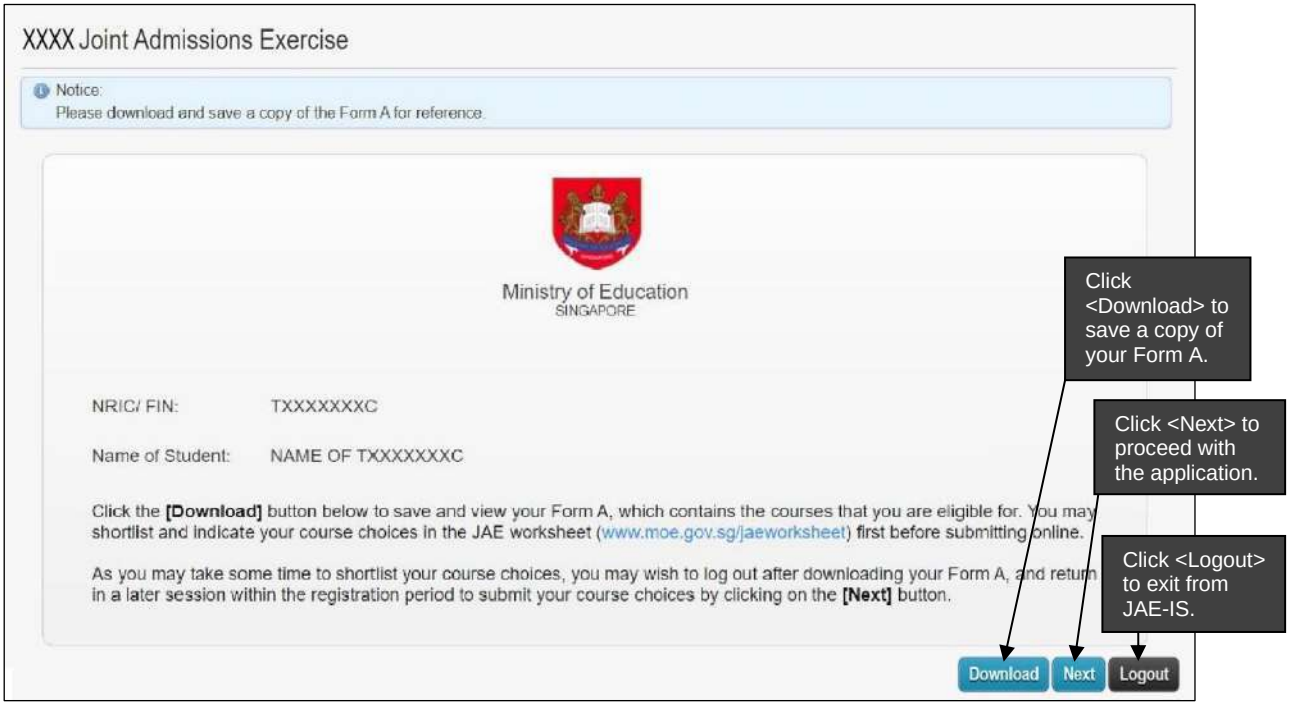
1.2 Download Form A Page

1.2.1 The **Download Form A Page** (refer to Screenshot 2) should appear.

1.2.2 Applicants can click the **<Download>** button to save a copy of the Form A for reference.

1.2.3 Applicants can click the **<Logout>** button after downloading your Form A, if you need time to shortlist your course choices. (You will be automatically logged out from the system after 5 minutes on this page.) You may return in a later session within the registration period and click the **<Next>** button to proceed with your application.

Screenshot 2 : Download Form A Page



1.3 Personal Particulars Page

1.3.1 The **Personal Particulars Page** (refer to Screenshot 3) should appear.

1.3.2 If your contact details are available in MyInfo, the information is pre-filled for you. Applicants should check that their personal particulars are correct and make changes, where applicable.

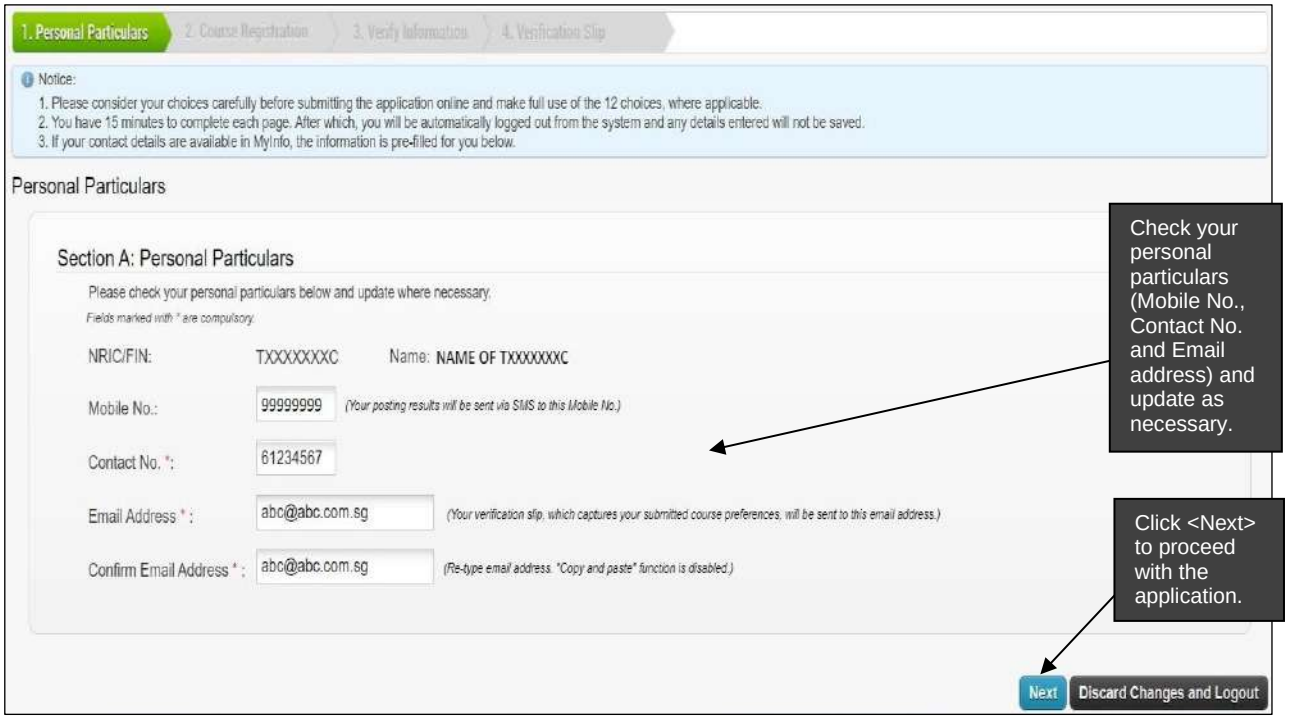
1.3.3 Applicants are to provide a valid Singapore mobile number in the **Mobile Number field** (refer to Screenshot 3) to receive JAE posting results via Short Message Service (SMS).

1.3.4 Applicants are to provide a valid email address in the **Email Address field** (refer to Screenshot 3) to receive the verification slip after submission.

1.3.5 Applicants are to re-type the same email address for validation in the **Confirm Email Address field** (refer to Screenshot 3).

1.3.6 Applicants should then click on the **<Next>** button to get to the next page.

Screenshot 3 : Personal Particulars Page



1.4 Course Registration Page

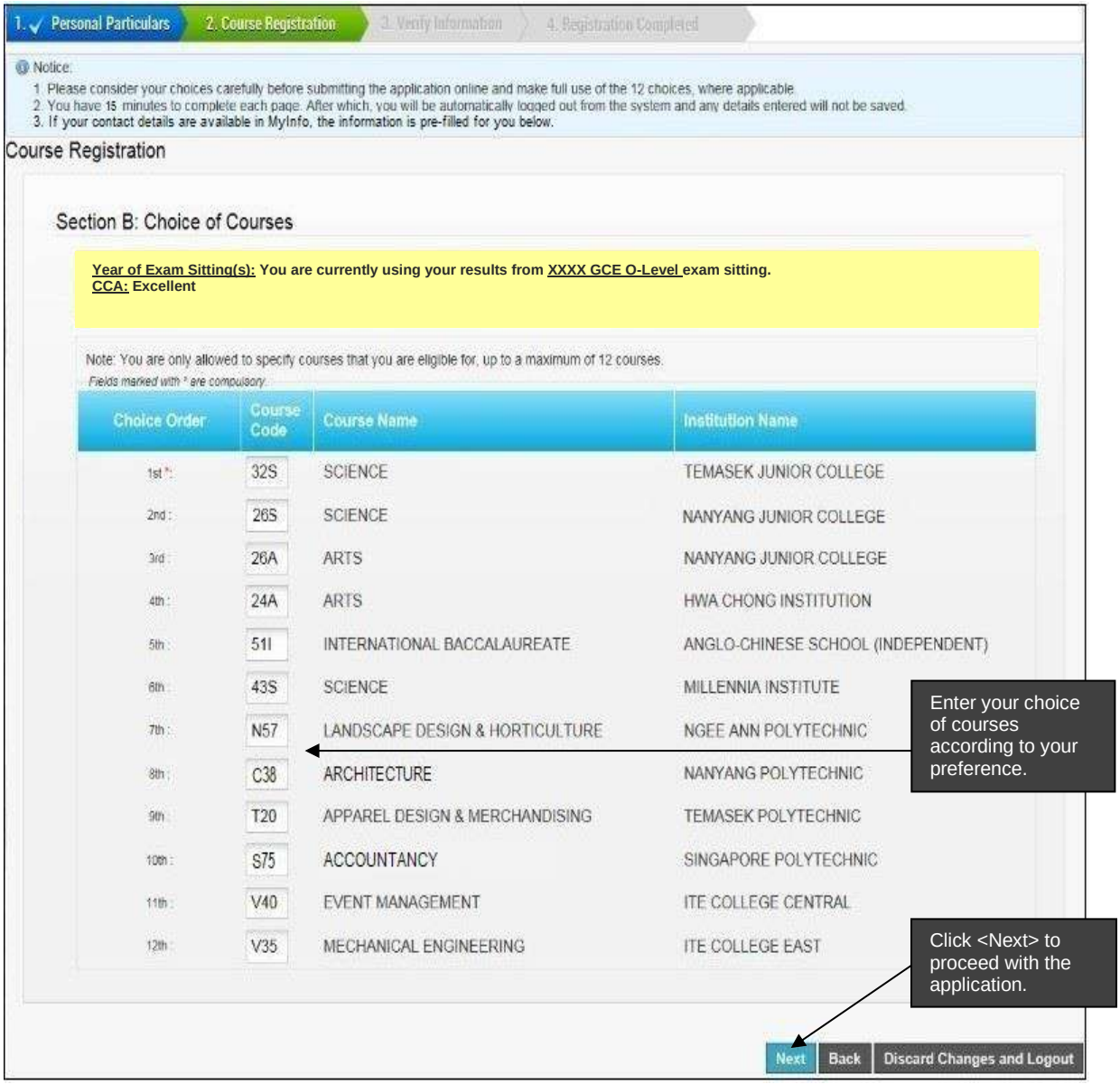
1.4.1 The **Course Registration Page** (refer to Screenshot 4) should appear.

1.4.2 Applicants are allowed to indicate a maximum of 12 courses in the application. The JAE-IS accepts only valid course codes that the applicant is eligible for. A complete list of eligible course codes is provided in **Form A**.

1.4.3 Applicants must ensure that the choices are entered in the order of preference when submitting the application. **There is no guarantee that applicants will be granted a place in one of the courses applied for** (refer to Section 3 for **details on the Posting Procedure**).

1.4.4 Applicants should then click on the **<Next>** button to get to the next page.

Screenshot 4 : Course Registration Page



1.5 Verify Information Page

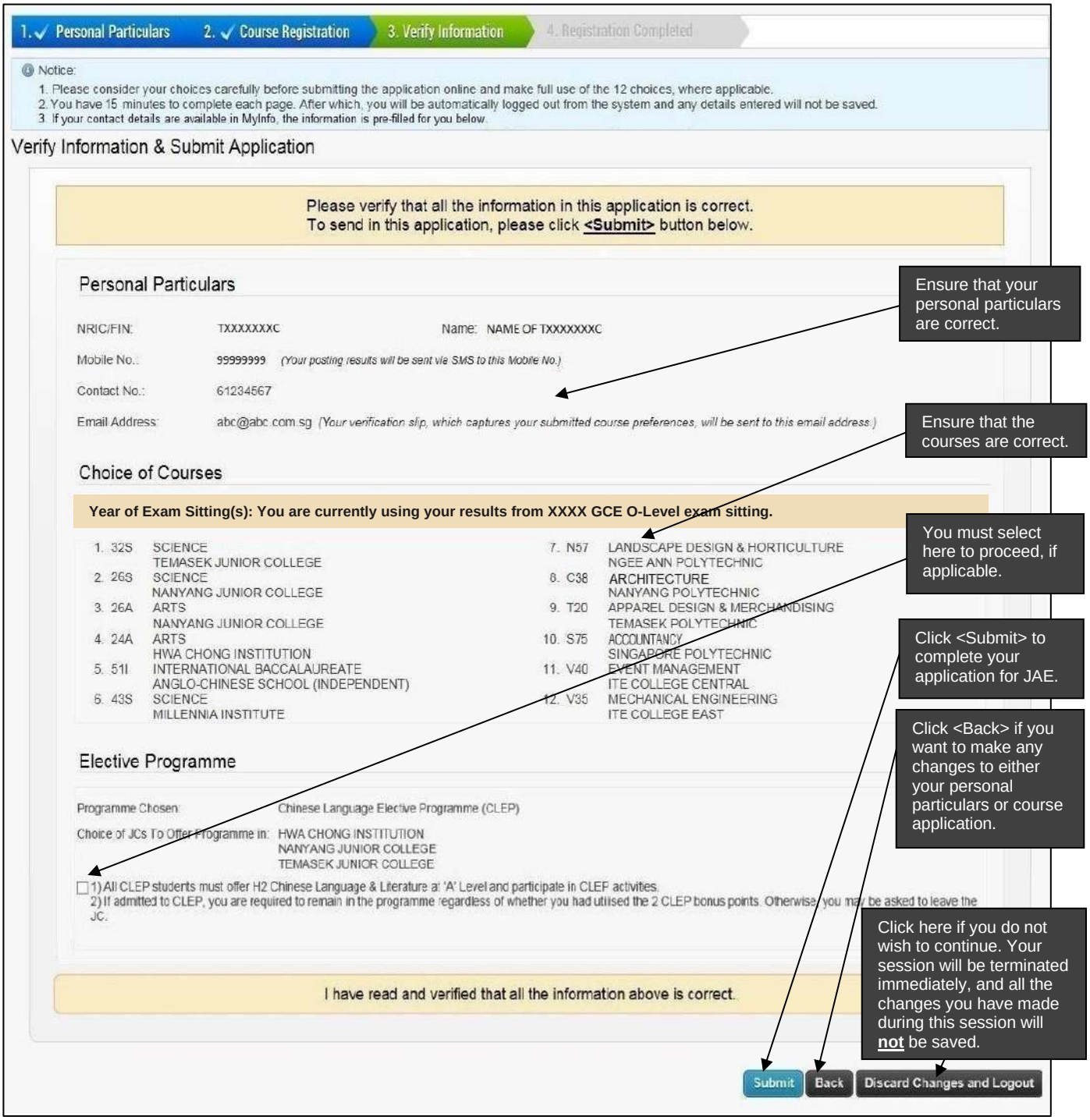
1.5.1 The **Verify Information Page** (refer to Screenshot 5) should appear.

1.5.2 Applicants must check and confirm that all the details in this page are correct.

1.5.3 To make changes, you may click on the **<Back>** button. You will return to the previous page.

1.5.4 After you have confirmed that all details are correct, you must click on the **<Submit>** button to complete this application. Failure to do so would mean that the application is **not** submitted.

Screenshot 5 : Verify Information Page



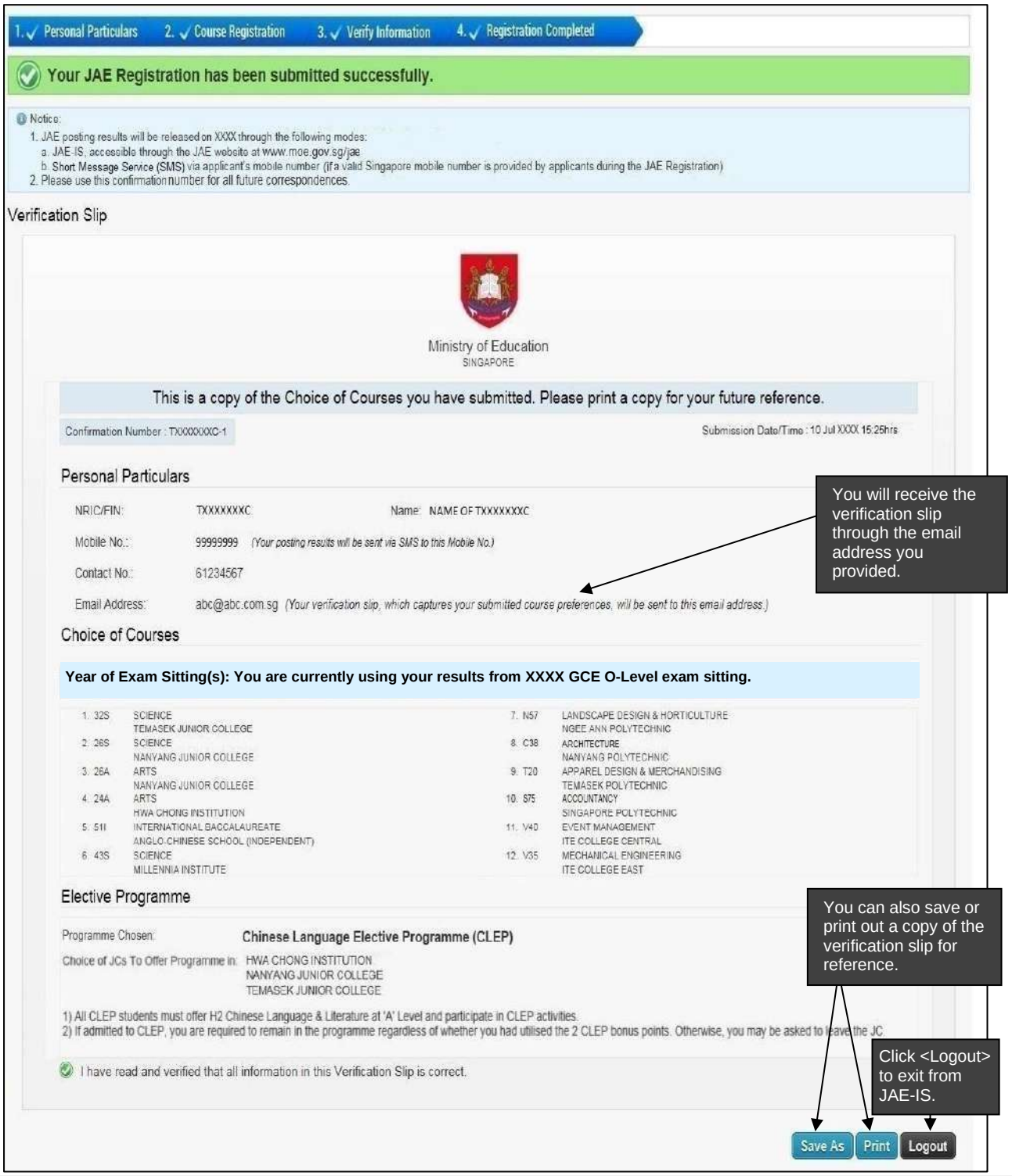
1.6 Verification Slip Page

1.6.1 The **Verification Slip Page** (refer to Screenshot 6) should appear.

1.6.2 Your application is successfully submitted only when the **Verification Slip Page** appears. You will receive the verification slip through the email address you provided. You can also save or print a copy of the verification slip as proof of your course application.

1.6.3 If the **Verification Slip Page** does not appear after a prolonged period, you should log out and log in again. If you are unable to view the verification slip after repeated attempts, you should contact MOE Customer Service Centre for assistance.

Screenshot 6 : Verification Slip Page



2 Applicants Eligible for Elective Programmes Offered in Selected Junior Colleges

2.1 Applicants who are eligible for Elective Programmes in selected Junior Colleges (JCs) may be presented with 2 additional screens (Screenshot 7 and 8) after clicking on the **<Next>** button at the **Course Registration Page** (refer to Screenshot 4).

2.2 Elective Programme Selection Page

2.2.1 This **Elective Programme Selection Page** (refer to Screenshot 7) presents the various Elective Programmes that the applicant is eligible for, taking into account the JC choice(s) that were selected at the **Course Registration Page**.

2.2.2 The applicant is allowed to select only **ONE** elective programme. Please note that you must indicate your preference in the appropriate radio button before clicking on the **<Next>** button.

a. If you have indicated that you do not wish to apply for any Elective Programmes, you will be presented with the **Verify Information Page** (refer to Screenshot 5).

b. If you have indicated that you wish to apply for one of the Elective Programmes, you will be presented with the **Selection of Institution Page** (refer to Screenshot 8).

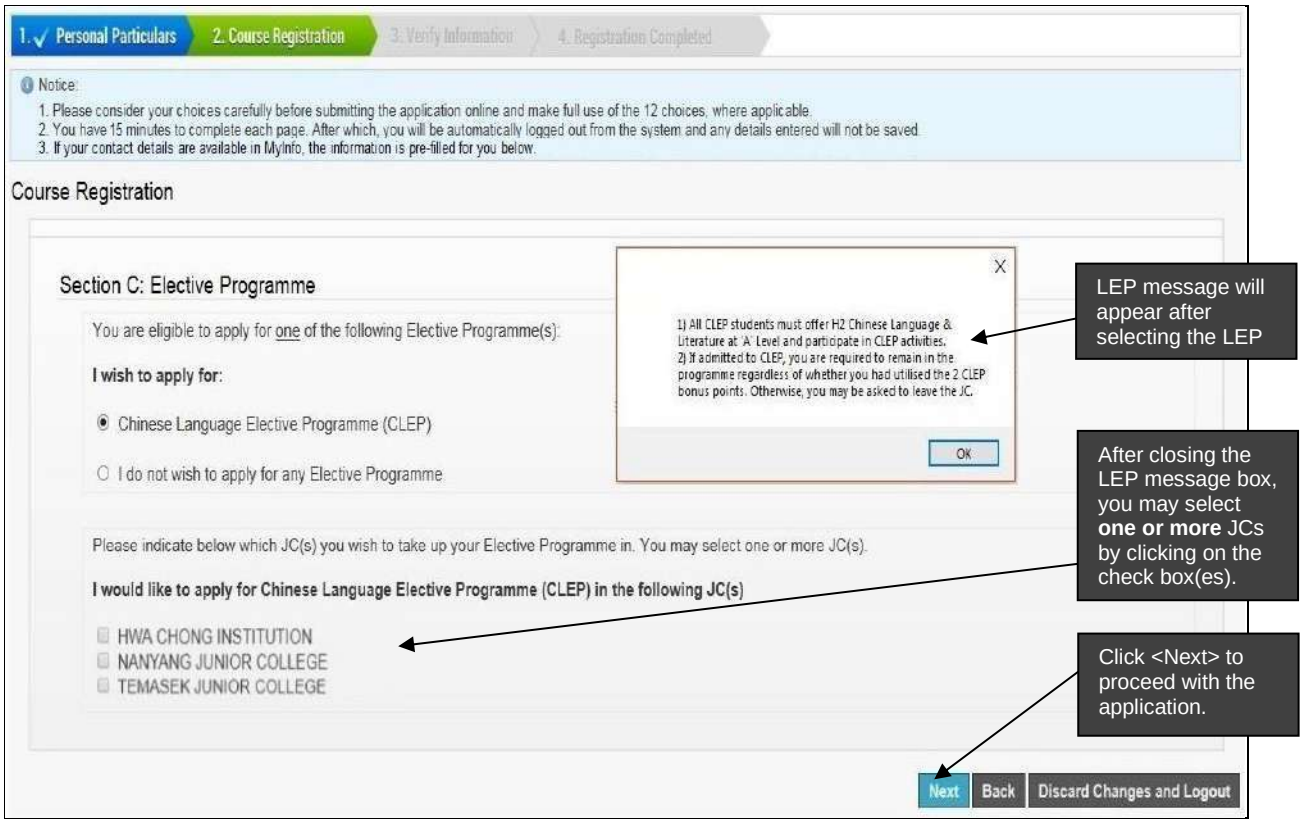
Screenshot 7 : Elective Programme Selection Page

2.3 Selection of Institution Page

2.3.1 This **Selection of Institution Page** (refer to Screenshot 8) presents the various JCs which offer the specific Elective Programme that you have selected. Please note that only JCs that you have indicated in your **Course Registration Page** (refer to Screenshot 4) will be made available for selection in this page.

2.3.2 You may select one or more of the JCs listed. Once done, you must click on the **<Next>** button. You will next be presented with the **Verify Information Page** (refer to Screenshot 5).

Screenshot 8 : Selection of Institution Page



3 How to amend JAE Submission

3.1 Verification Slip Page for Amendment

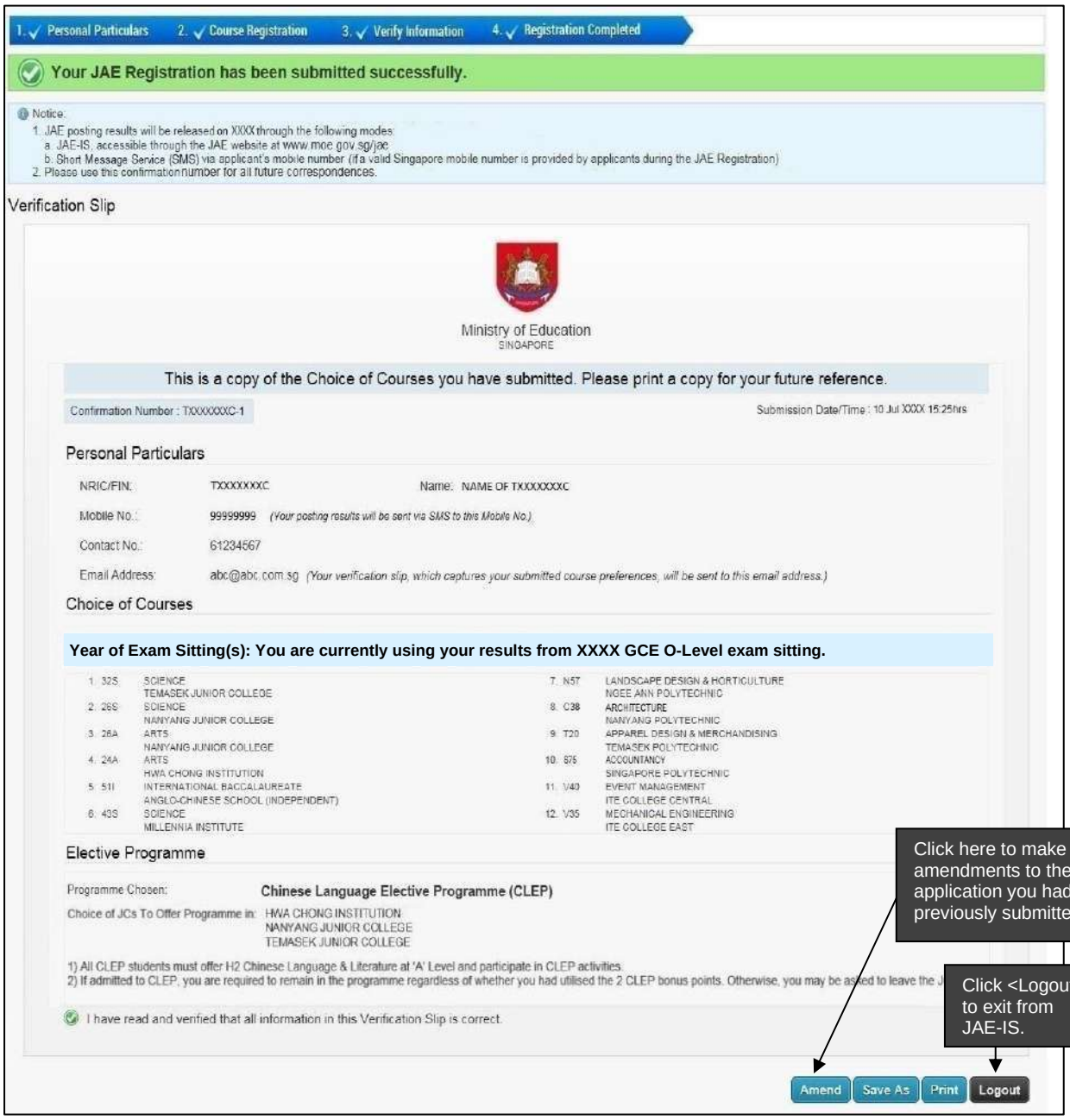
3.1.1 After you have submitted your JAE registration and log in the next time, the **Download Form A Page** (refer to Screenshot 2) should appear. Applicants should click on the **<Next>** button to get to **Verification Slip Page for amendment** (refer to Screenshot 9).

3.1.2 On the **Verification Slip Page for amendment** (refer to Screenshot 9), you may click on the **<Amend>** button to amend the application you had previously submitted. You can go through Screenshot 3, 4, 7 and 8 to make the necessary amendments, where applicable.

3.1.3 At the **Verify Information Page** (refer to Screenshot 5), you have to confirm that all details are correct. You must click **<Submit>** button to complete the amendments. Failure to do so would mean that the amendment is **not** submitted.

3.1.4 The amendment is successfully submitted only when the **Verification Slip Page** (refer to Screenshot 6) appears. You will receive the verification slip through the email address you provided. You can also save or print a copy of the verification slip as proof of your amendment.

Screenshot 9 : Verification Slip Page for Amendment



4 How to View Posting Results

4.1 Login Page

4.1.1 On the day of JAE posting results release, you can access your results through the JAE-IS website at ***www.moe.gov.sg/jae***.

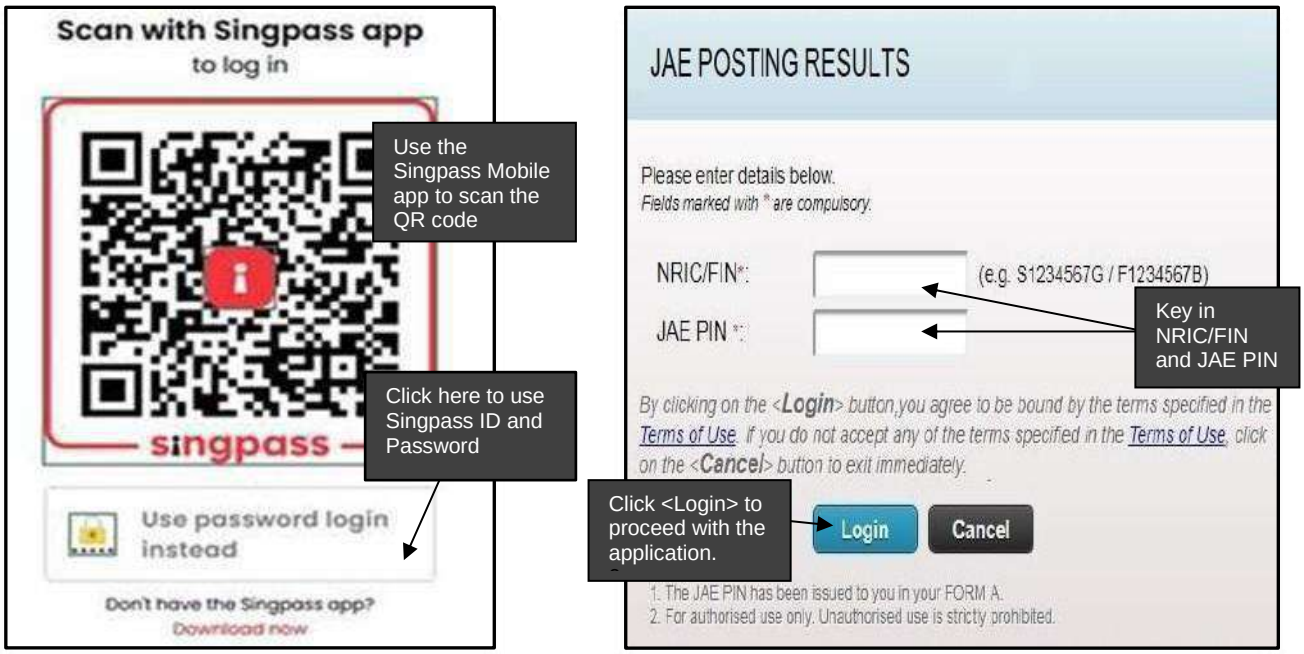
4.1.2 Applicants can select to log in using **Singpass** or **JAE PIN** and the **Login Page** will appear (refer to Screenshot 10).

4.1.3 For **Singpass** Login: Applicants could (a) use **Singpass Mobile app** to scan the **QR code** or (b) enter their **Singpass ID** and **Password**.

For **JAE PIN** Login: Applicants should enter their **NRIC number** or **FIN**, together with the **JAE PIN** (found in Form A). Applicants should then click on the **<Login>** button to get to the next page.

Screenshot 10 : JAE Internet System (JAE-IS) Login Page

Singpass Login *JAE PIN Login*



4.2 Posting Results Page

4.2.1 The **Posting Results Page** (refer to Screenshot 11) should appear.

Screenshot 11 : Posting Results Page

SUBJECTS OFFERED FOR PRE-U COURSE

ANNEX B

1 Important Notes on Subjects Offered for Pre-U Course

1.1 To provide flexibility for students to offer subjects at different levels of depth and breadth, junior colleges (JCs) and Millennia Institute (MI) offer a variety of subjects at Higher 1 (H1), Higher 2 (H2) and Higher 3 (H3), and different subject combinations for the Pre-U Course.

1.2 Subjects for the Pre-U Course may require students to have (refer to Table B-1):
- Category 1 (CAT 1): assumed knowledge[1] of the corresponding subject at GCE O-Level
- Category 2 (CAT 2): relevant subject prerequisites[2]
- Category 3 (CAT 3): met selection criteria of schools/MOE Language Centre (MOELC) (for subjects without assumed knowledge and centrally-set prerequisites)

1.3 The norm subject combination[3] a student will offer is three H2 subjects and one H1 subject (with at least one H1 or H2 subject from a contrasting discipline), H1 Mother Tongue Language (MTL)[4,5], H1 General Paper (GP) and H1 Project Work (PW) (refer to Table B-2). Should students wish to offer additional subjects (but not exceeding 12 AUs), students may check with the school on the potential combination of subjects.

1.4 **Students should check the website of the respective JCs and MI for more details on the subject combinations offered in the Arts, Science and Commerce courses**, and find out more about the subject syllabuses at:
- ***www.moe.gov.sg/post-secondary/a-level-curriculum-and-subject-syllabuses***
- ***www.moelc.moe.edu.sg/textbooks-syllabus*** (for Foreign Languages (FL))

Table B-1
Subjects Offered at H1, H2 and H3 Levels, and Categories*

Disciplines	Subjects	Subject Level (see paragraph 1.1)			Category (see paragraph 1.2)		
		H1	H2	H3[6]	CAT 1	CAT 2	CAT 3
MOE-Developed Syllabuses							
Knowledge	General Paper	✓					
	Project Work	✓					
	Knowledge & Inquiry		✓				H2
Languages	Mother Tongue Language (Chinese, Malay, Tamil)	✓					
	Mother Tongue Language (Chinese, Malay, Tamil) 'B'[7]						
	Non-Tamil Indian Languages (Bengali, Gujarati, Hindi, Panjabi, Urdu)[5]	✓					
	French[5,8,9]	✓					H1
	German[5,8,9]	✓					H1
	Japanese[5,8,9]	✓					H1
Humanities & the Arts	Art	✓	✓	✓		H3	H2
	Economics	✓	✓	✓		H3	
	Geography	✓	✓	✓		H3	
	History	✓	✓	✓		H3	
	Literature in English	✓	✓	✓		H3	
	China Studies in English		✓				
	China Studies in Chinese		✓				
	English Language & Linguistics		✓				H2
	Translation (Chinese)		✓			H2	
	Chinese Language & Literature		✓	✓		H3	
	Malay Language & Literature		✓	✓		H3	
	Tamil Language & Literature		✓	✓		H3	
	Music[10]		✓	✓		H2, H3	
	Theatre Studies & Drama		✓				H2
	Management of Business[11]		✓				
	French[12]		✓				H2
	German[12]		✓				H2
	Japanese[12]		✓				H2
	Spanish[12]		✓				H2

Disciplines	Subjects	Subject Level (see paragraph 1.1)			Category (see paragraph 1.2)		
		H1	H2	H3[6]	CAT 1	CAT 2	CAT 3
Mathematics & Science	Biology	✓	✓	✓	H1, H2	H3	
	Chemistry	✓	✓	✓	H1, H2	H3	
	Physics	✓	✓	✓	H1, H2	H3	
	Mathematics	✓	✓	✓	H1, H2	H3	
	Further Mathematics		✓			H2	
	Computing		✓				H2
	Principles of Accounting[11]		✓				
H3 Programmes by MOE Partners[13]							
Humanities & the Arts	NUS Geopolitics: Geographies of War and Peace			✓		H3	
	NUS-MOE Humanities & Social Sciences			✓		H3	
	SMU Game Theory			✓		H3	
Mathematics Science	NTU Molecular Biology			✓		H3	
	NTU Semiconductor Physics and Devices			✓		H3	
	NTU-A*STAR-HCI Science Research			✓		H3	
	NUS-A*STAR-NJC Science Research			✓		H3	
	NUS-A*STAR-RI Science Research			✓		H3	
	NUS-A*STAR-VJC Science Research			✓		H3	
	NUS-MOE Science Research			✓		H3	
	NTU Science Research			✓		H3	

* ***Information correct as of October 2022.***

Table B-2
Norm Combination of Subjects

Norm combination of subjects	
Three	H2 content-based subjects
One	H1 content-based subjects
H1 Mother Tongue Language (MTL)	
H1 General Paper (GP)	
H1 Project Work (PW)	

At least one H1 or H2 subject is from a contrasting discipline

Note:

1. Assumed knowledge refers to the set of content knowledge that students are expected to have learnt in advance, usually as part of a corresponding subject at GCE O-Level, which will not be taught but is needed in the course of learning the GCE A-Level syllabus. Students without the assumed knowledge may offer the subject but will be required to bridge the knowledge gap during the course of study.
2. Subject prerequisites are centrally set MOE requirements that students must fulfill (including possessing a foundational set of knowledge and skills) in order to be eligible to offer the subject at GCE A-Level.
3. A student will offer 10 to 12 academic units (AU) of study where each H2 subject carries 2 AU, each H1 subject carries 1 AU and each H3 subject carries 1 AU.
4. A student does not need to take the H1 MTL examination if the student has obtained a D7 or better in Higher MTL at the GCE O-Level, as the student would be deemed to have fulfilled the H1 MTL requirement. As MTL is an integral part of the GCE A-Level curriculum, H1 MTL cannot be replaced with another subject and students should continue to be engaged in the learning of MTL. Students may also fulfil the H1 MTL requirement by offering H2 Mother Tongue Language and Literature.
5. Students approved to offer Non-Tamil Indian Language (NTIL: Bengali, Gujarati, Hindi, Punjabi and Urdu) or French, German or Japanese as MTL-in-lieu must offer the corresponding H1 subject in lieu of H1 MTL (see Table B-2).
6. MOE H3 subjects are to be offered with the corresponding H2 subjects.
7. Mother Tongue 'B' languages carry 1 AU each but are not considered H1, H2, or H3 subjects.
8. Students not offering FL as MTL-in-lieu and who wish to offer H1 FL should have also offered the subject at GCE O-Level to ensure that they have the required proficiency, as the H1 FL syllabus is a continuation of the GCE O-Level FL syllabus. Requests from students who did not offer GCE O-Level FL will be considered on a case-by-case basis, if they are able to provide alternate forms of evidence that they possess the necessary proficiency to benefit from offering H1 FL. Admission to the MOE Language Centre is subject to the availability of vacancies.
9. For students not offering FL as MTL-in-lieu, H1 FL may be counted as a H1 content-based subject but not as a contrasting subject.
10. Students who have not passed or offered GCE O-Level Music / Higher Music may still sit for a selection exercise to offer H2 Music.
11. Offered in Millennia Institute only.
12. Students must be enrolled in or gain admission to the MOE Language Centre to offer H2 FL (French/German/Japanese/Spanish) at the GCE A-Level due to the coursework component of H2 FL.
13. H3 programmes by MOE partners (NUS / NTU / SMU) will be offered only if there are sufficient students opting for them.

SPECIAL PROGRAMMES & SCHOLARSHIPS

ANNEX C

1 Special Programmes offered in Junior Colleges (JC)

1.1 Humanities Scholarship and Programme (HSP)

1.1.1 The HSP is offered by the Ministry of Education to encourage outstanding students to study the Humanities at the pre-university level.

1.1.2 **For scholarship recipients taking the GCE A-Level examinations**: Besides offering the General Paper (students offering Knowledge & Inquiry need not offer General Paper), a Mother Tongue Language (MTL) (students offering Mother Tongue Language And Literature (MTLL) need not offer Mother Tongue Language (MTL)) and Project Work at H1 level, Humanities scholars on the GCE A-Level track must offer H2 Literature in English and a second H2 Humanities subject chosen from China Studies, Economics, Geography or History. The choice of the third H2 subject may include Art, China Studies, Economics, English Language and Linguistics, Foreign Languages, Geography, History, Mother Tongue Language and Literature, Music, Theatre Studies & Drama or Translation (Chinese) (see Table C-1 below). In addition to three H2 subjects, Humanities scholars have to offer a contrasting subject which may be Knowledge & Inquiry (KI) or from the Maths/Science group*.

Table C-1
H2 Subjects for Humanities Scholars

H2 Subjects		Remarks
First H2	• Literature in English	This subject is compulsory.
Second H2	• China Studies+ • Economics • Geography • History	Select one from the range of subjects.
Third H2	• Art • China Studies+ • Economics • English Language and Linguistics • Foreign Languages – French – German – Japanese • Geography • History • Knowledge & Inquiry (KI) • Mother Tongue Language and Literature – Chinese Language and Literature – Malay Language and Literature – Tamil Language and Literature • Music • Theatre Studies & Drama • Translation (Chinese)	Select one from the range of subjects.

Note:

** Humanities scholars interested in offering both H2 Mathematics and KI may choose to offer KI in place of the third H2 Humanities subject.*

+ China Studies is available in either English or Chinese.

1.1.3 **For scholarship recipients taking the International Baccalaureate Diploma Programme (IBDP)**: Besides offering Theory of Knowledge (TOK), Creativity, Action and Service (CAS) and Extended Essay (EE), students would need to do 3 Higher Level (HL) subjects – English A: Literature, and two other subjects chosen from Economics, Geography or History. They would also need to offer 3 Standard Level (SL) subjects – Biology, Chemistry or Physics, Second Language (Chinese, Malay, Tamil, Hindi, Spanish or French), and Mathematics that are selected from the Sciences, Language Acquisition, and Mathematics subject groups.

1.1.4 Students interested in the HSP must gain admission to one of the following schools.

a. Anglo-Chinese Junior College
b. Anglo-Chinese School (Independent)
c. Eunoia Junior College
d. Hwa Chong Institution
e. National Junior College
f. Raffles Institution
g. Temasek Junior College
h. Victoria Junior College

1.1.5 The Humanities Scholarship is available to eligible students interested in the programme. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

1.2 Bicultural Studies Programme (BSP)

1.2.1 The BSP is offered in Dunman High School, Eunoia Junior College, Hwa Chong Institution and River Valley High School. It aims to nurture a pool of students who are able to understand and appreciate contemporary China while also being able to engage the West.

1.2.2 Students who wish to apply to offer the BSP must first gain admission to Dunman High School, Eunoia Junior College, Hwa Chong Institution or River Valley High School and offer H2 China Studies in Chinese.

1.2.3 The Bicultural Studies Programme Scholarship (BSPS) is available to Singapore Citizens who are successfully enrolled in the BSP. They must have good overall results in the GCE O-Level examination, obtaining one of the following:

a. Grade B3 in Higher Chinese;

or

b. Grade A2 in Chinese;

or

c. Equivalent results based on IP school assessment.

They should also have a strong passion for biculturalism and keen interest in understanding contemporary Chinese society, China's developments and the West.

JC Year 1 BSP scholars can look forward to immersion in China. BSP students will also have the opportunity to participate in enrichment activities with emphasis on contemporary China. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

1.2.4 Up to 3 outstanding BSP students will be awarded the prestigious Lee Hsien Loong Award for Outstanding Bicultural Students (LHLA-OBS) at the end of the programme.

1.3 Regional Studies Programme (RSP)

1.3.1 The RSP aims to nurture a core group of non-Malay students who are comfortably conversant in the Malay Language (ML)/Bahasa Indonesia (BI) and able to engage the region effectively. At the JC level, the RSP is offered at Raffles Institution, Victoria Junior College and Anglo-Chinese School (Independent).

1.3.2 Students who have successfully gained admission into the three schools/JCs hosting RSP can enrol into the RSP. They must have attained at least one of the following in the GCE O-Level examination:

a. Grade B3 in Malay Special Programme

or

b. Grade B3 in Bahasa Indonesia.

1.3.3 At the JC level, RSP students will offer H2 History and a 30-hour Advanced Conversational Malay/Bahasa Indonesia module and sit for an oral proficiency test. In addition, they are given opportunity to participate in enrichment and immersion programmes.

1.3.4 The RSP Scholarship is also available to interested students who showed ability and passion in the subject areas. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

1.4 Chinese/Malay/Tamil Language Elective Programmes at the JC Level (CLEP/MLEP/TLEP)

1.4.1 The CLEP is offered at Dunman High School, Hwa Chong Institution, Jurong Pioneer Junior College, Nanyang Junior College and Temasek Junior College to encourage students who have the ability and interest in Chinese to study H2 Chinese Language and Literature (CLL). CLEP students must offer H2 CLL and sit for the GCE A-Level examination for this subject. They will also be given the option to offer H3 CLL.

1.4.2 The MLEP is offered at Jurong Pioneer Junior College, National Junior College, Raffles Institution, Tampines Meridian Junior College and Yishun Innova Junior College to encourage students who have the ability and interest in Malay to study H2 Malay Language and Literature (MLL). MLEP students must offer H2 MLL and sit for the GCE A-Level examination for this subject. They will also be given the option to offer H3 MLL.

1.4.3 The TLEP is offered at Anderson Serangoon Junior College and National Junior College to encourage students who have the ability and interest in Tamil to study H2 Tamil Language and Literature (TLL). TLEP students must offer H2 TLL and sit for the GCE A-Level examination for this subject. They will also be given the option to offer H3 TLL.

1.4.4 Students in the CLEP, MLEP and TLEP will have the opportunity to participate in enrichment activities with special emphasis on creative writing, appreciation of literary works and immersion programme.

1.4.5 Students must have obtained at least one of the following in the GCE O-Level examination:

a. Grade B3 in Higher Chinese/Higher Malay/Higher Tamil;
or

b. Grade B4 in Higher Chinese/Higher Malay/Higher Tamil and B3 in Literature in Chinese (Full or Elective)/Literature in Malay (Full or Elective)/Literature in Tamil (Full or Elective);
or

c. Grade A2 in Chinese/Malay/Tamil.

Integrated Programme (IP) schools can admit IP students directly into the CLEP/MLEP/TLEP based on their examination results for relevant subjects.

1.4.6 Students who meet the above-mentioned criteria and wish to apply for the CLEP, MLEP or TLEP should do so when they register their course choices via the JAE Internet System (see Annex A for **application details**). However, a place in the CLEP, MLEP or TLEP is not guaranteed and placement into these programmes is subject to available vacancies.

1.4.7 Students who are selected for the programme are eligible for two bonus points for admission to the respective JCs. If admitted to CLEP, MLEP or TLEP, students are required to remain in the programme regardless of whether they had utilised the two bonus points. Students who fail to do so may be asked to leave the JC.

1.4.8 The Chinese Language Elective Scholarships (CLES), Malay Language Elective Scholarships (MLES) and Tamil Language Elective Scholarships (TLES) are available for application by Singapore Citizens who are successfully enrolled in the programmes. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

1.5 English Language Elective Programme (ELEP)

1.5.1 The ELEP is offered at Anglo-Chinese Junior College, Catholic Junior College and Raffles Institution to encourage students who have an interest in and a flair for the English language to pursue English Language and Linguistics at the pre-university level (and subsequently at the undergraduate level).

1.5.2 Students offering English Language and Linguistics as one of their H2 subjects at one of the ELEP centres will enjoy additional facilities and special enrichment programmes. Only students offering H2 English Language and Linguistics at an ELEP centre are eligible to apply for the English Language Elective Scholarships.

1.5.3 Students applying for the English Language Elective Scholarships must have good overall results in the GCE O-Level examination, including a distinction in English Language. Students from both the Arts and the Science streams may apply for the scholarship. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

1.6 National Elective Tamil Language Programme (NETP)

1.6.1 The NETP conducted at Umar Pulavar Tamil Language Centre aims to nurture Secondary School and Junior College students to acquire greater proficiency in the language and deeper appreciation of the culture. The programme offers structured modules such as literary and cultural workshops, seminars, immersion programmes, learning journeys and flagship initiatives with the intent of honing students' appreciation of the language and culture.

1.6.2 Students who wish to be in NETP must have good overall results in the GCE O-Level examination, obtaining one of the following:

a. Grade B3 in Higher Tamil;
or
b. Grade B4 in Higher Tamil and B3 in Literature in Tamil (Full or Elective);
or
c. Grade A2 in Tamil;
or
d. Equivalent results based on IP school assessment.

1.6.3 Students in the NETP must offer the H2 Tamil Language and Literature. Those with strong ability and interest in Tamil Language can apply for the NETP scholarship. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

1.7 Language Elective Programmes (LEP) in French, German, Japanese and Spanish

1.7.1 LEP in French, German, Japanese and Spanish are offered at the Ministry of Education Language Centre (MOELC) to encourage academically able and linguistically talented students to study these languages at H2 level to gain a deeper insight into the European and Japanese-speaking world. LEP in French, German and Japanese are offered at MOELC (Bishan), while LEP in Spanish is offered at MOELC (Newton).

1.7.2 French, German, Japanese and Spanish LEP students will be given opportunities to participate in a study trip to France, Germany, Japan and Spain respectively. In addition, students will take part in a variety of enrichment activities to further deepen their understanding and appreciation of contemporary France, Germany, Japan and Spain, their worldview and culture.

1.7.3 Students who wish to be in LEP must have obtained at least a B3 in French/German/Japanese/Spanish at the GCE O-Level examination.

1.7.4 The Language Elective Scholarship (LES) is available to eligible students interested in the programme. Interested students can access the scholarships page at *www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u* for more details.

1.8 Art Elective Programme (AEP)

1.8.1 The AEP is offered at Hwa Chong Institution, Nanyang Junior College and National Junior College for students with artistic potential, aptitude and passion who wish to pursue an in-depth study of art at pre-university level. The programme prepares students for the GCE A-Level H2 and H3 Art.

1.8.2 Students who wish to apply to offer AEP must first gain admission to Hwa Chong Institution[+], Nanyang Junior College or National Junior College.

1.8.3 Although there is no pre-requisite for the subject, each College may have its own internal selection exercise for the course. The selection exercise may involve creating art, such as drawing/painting; writing about art; and/or portfolio interview.

1.8.4 Students who have successfully enrolled in the AEP and are eligible will be considered for the Art Elective Scholarships after the JAE. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

[+] *Students who are admitted into the AEP within an Independent School are eligible for a fee subsidy up to a cap of $2,400 per student per year regardless of nationality. However, AEP students who are also recipients of Edusave Scholarships for Independent Schools (ESIS) will not receive the fee subsidy in addition to their ESIS award amount.*

1.9 Music Elective Programme (MEP)

1.9.1 The MEP is offered at Anglo-Chinese Junior College, Anglo-Chinese School (Independent), Dunman High School, Eunoia Junior College, Raffles Institution and Temasek Junior College for students with musical potential, aptitude and passion who wish to pursue an in-depth study of music at pre-university level. The programme prepares students for GCE A-Level H2 and H3 Music, with the exception of the programme at Anglo-Chinese School (Independent) which prepares students for the International Baccalaureate Diploma Programme (IBDP) Music at Higher Level.

1.9.2 Students who wish to apply for MEP must first gain admission to Anglo-Chinese Junior College, Anglo-Chinese School (Independent)[+], Dunman High School, Eunoia Junior College, Raffles Institution[+] or Temasek Junior College.

1.9.3 Students can then apply to join MEP if they meet any of the following criteria:

a. A pass in GCE O-Level Music/Higher Music;

or

b. A pass in the selection exercise comprising a listening test, practical audition on an instrument (e.g. piano, *rebab, erhu*, sitar) or voice, and creating task conducted by the MEP junior college.

1.9.4 Students who have successfully enrolled in the MEP and are eligible will be considered for the Music Elective Scholarships after the JAE. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

[+] *Students who are admitted into the MEP within an Independent School are eligible for a fee subsidy up to a cap of $2,400 per student per year regardless of nationality. However, MEP students who are also recipients of Edusave Scholarships for Independent Schools (ESIS) will not receive the fee subsidy in addition to their ESIS award amount.*

1.10 Drama Elective Programme (DEP)

1.10.1 The DEP is offered by three JCs: Anglo-Chinese Junior College, Tampines Meridian Junior College and Victoria Junior College. The programme prepares students for GCE A-Level H2 Theatre Studies and Drama (TSD).

a. Students applying for the Humanities Scholarships may offer Theatre Studies & Drama as one of the two H2 subjects that must be studied in addition to H2 Literature in English.

b. Students who wish to study Theatre Studies & Drama should choose any one of the colleges offering the subject.

c. Although there is no pre-requisite for the subject, each College may have its own internal selection process for the course.

1.11 Engineering and Tech Programme and Scholarship (ETPS)

1.11.1 The ETPS is offered by the Ministry of Education to encourage outstanding students with strong foundations in mathematics and science and inclination towards applied, interdisciplinary and hands-on learning to pursue further studies and careers in engineering & technology.

1.11.2 ETPS scholars who are

a. on the GCE A-Level track, must offer H2 Mathematics and at least one of H2 Physics, H2 Computing or H2 Further Mathematics.

b. on the International Baccalaureate Diploma Programme, must offer HL Mathematics and at least one of HL Physics or HL Computing.

1.11.3 Students must have good conduct record and have done consistently well in school and obtained outstanding results in mathematics and science subjects at the GCE O-level examinations. Students should have interest in applied areas of learning (e.g. taken part in coding competitions, outstanding in STEM ALP, participated in Robotics or Makers' clubs at secondary level).

1.11.4 ETPS scholars are expected to participate in activities specially designed for them.

1.11.5 Students from all JCs and MI may apply for ETPS, subject to eligibility.

1.11.6 Interested and eligible students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/programme-scholarships-pre-u*** for more details.

2 Other Scholarships in Junior Colleges

2.1 Edusave Scholarships in Junior Colleges

The **Edusave Scholarships for Independent Schools (ESIS)** are awarded to students to recognise academic excellence and ensure that deserving Singapore Citizens are not deterred from entering Independent Schools (IS) due to higher school fees. Only Singapore Citizens who meet the necessary criteria will be considered for the scholarships.

2.2 Edusave Scholarships for Independent Schools (ESIS)

2.2.1 Award of the ESIS

a. Students who performed well in the GCE O-Level examination (within the top 5%) based on their L1R5 aggregate score will be eligible for the ESIS. Eligible students who are admitted to an IS under the Direct School Admission - Junior Colleges (DSA-JC) Exercise will also be offered the ESIS in that school.

b. Students eligible for the ESIS will be informed through Form A. They will only be awarded ESIS if they are admitted into the IS.

2.2.2 Provisions of ESIS

a. The ESIS award quantum is $2,400, or the annual school fees charged by the IS less the annual amount of school and standard miscellaneous fees paid by students in government/government-aided JCs, whichever is lower. The tenure of the ESIS is up to the completion of study in JC Year 2 in an IS.

b. For students awarded ESIS, and are also recipients of the Independent School Bursary (ISB), the ESIS award quantum is $2,400 per year, or the annual school fees less the school fee subsidy provided under ISB, whichever is lower.

c. For students in School of the Arts (SOTA) and Singapore Sports School (SSP) who are awarded ESIS, and are also recipients of their schools' scholarships and financial assistance schemes, the ESIS award quantum is $2,400 per year, or the annual school fees less any school fee subsidy provided under SOTA/SSP's scholarships and financial assistance schemes, whichever is lower.

2.3 Edusave Scholarships for Independent Schools (Yearly Awards) [ESIS(YA)]

2.3.1 The ESIS(YA) are available for students admitted to an IS, but are not recipients of ESIS or any other school fee subsidies under a MOE Special Programme.

2.3.2 The ESIS(YA) are offered to Singapore Citizens who are within the top 10% of each cohort by level in each IS based on their school-based examination results for the year. These awards are offered to encourage and reward students who have excelled academically as well as obtained a good grade for conduct in that year.

2.3.3 The ESIS(YA) award quantum is $2,400 per year, or the annual school fees charged by the IS less the annual amount of school and standard miscellaneous fees paid by students in government/ government-aided schools, whichever is lower.

2.3.4 For students awarded ESIS(YA), and are also recipients of the ISB, the ESIS(YA) award quantum is $2,400 per year, or the annual school fees less the school fee subsidy provided under ISB, whichever is lower.

2.3.5 For students in SOTA and SSP who are awarded ESIS(YA), and are also recipients of their schools' scholarships and financial assistance schemes, the ESIS(YA) award quantum is $2,400 per year, or the annual school fees less any school fee subsidy provided under SOTA/SSP's scholarships and financial assistance schemes, whichever is lower.

2.4 UPLIFT Scholarship

2.4.1 The UPLIFT Scholarship recognises the achievements of students in IS who have performed well academically or in specific talent areas and are from lower-income families.

2.4.2 The UPLIFT Scholarship is offered to Singapore Citizens who are admitted into IS through Direct School Admissions and/or qualified for Edusave Scholarships for Independent Schools, and meet the eligibility income criteria.

2.4.3 The UPLIFT Scholarship provides an annual cash award. It is tenable for

a. the duration of course of study, starting from the year of entry for DSA students, or
b. the duration of ESIS award, starting from the year of award, subject to students meeting the renewal criteria each year.

2.4.4 More details can be found at **https://go.gov.sg/upliftscholarship**.

2.5 MOE Pre-University Scholarships

2.5.1 The MOE Pre-University Scholarships are offered by the Ministry of Education to top students who have achieved outstanding academic results and excelled in co-curricular and other activities. Interested students can access the scholarships page at ***www.moe.gov.sg/financial-matters/awards-scholarships/moe-pre-u-scholarship*** for more details.

SCHOOL INFORMATION

ANNEX D

1 Junior Colleges & Millennia Institute

Previous Year's Aggregate Scores of Junior Colleges

Table D-1 shows the **L1R5 net aggregate of the lowest ranked students (course cut-off point)** who were admitted to the junior college (JC) course through the previous year's (2022) Joint Admissions Exercise (JAE). These aggregate scores are meant as a reference for applicants applying to the JCs and do not constitute the admission scores for subsequent admission exercises. The L1R5 net aggregate scores for the courses are not pre-determined by MOE or schools before posting. The eventual course aggregate scores for 2023 JAE may vary from previous years, depending on students' GCE O-Level examination results and their course choices during the JAE.

Table D-1 : L1R5 Aggregate Scores (with Bonus Points) of Students Admitted to JCs in the Previous Year's (2022) JAE

S/No	JC Name	Arts		Science/IB	
		Course Code	Previous (2022) JAE Net L1R5	Course Code	Previous (2022) JAE Net L1R5
1	Anderson Serangoon Junior College	39A	11	39S	10
2	Anglo-Chinese Junior College	22A	9	22S	8
3	Anglo-Chinese School (Independent)	-	-	51I	5
4	Catholic Junior College	23A	13	23S	13
5	Dunman High School	44A	9	44S	8
6	Eunoia Junior College	38A	8	38S	6
7	Hwa Chong Institution	24A	5	24S	4
8	Jurong Pioneer Junior College	40A	16	40S	14
9	Nanyang Junior College	26A	6	26S	5
10	National Junior College	27A	8	27S	7
11	Raffles Institution	28A	5	28S	4
12	River Valley High School	45A	9	45S	8
13	St. Andrew's Junior College	30A	11	30S	9
14	St. Joseph's Institution	-	-	52I	7
15	Tampines Meridian Junior College	41A	13	41S	13
16	Temasek Junior College	32A	9	32S	8
17	Victoria Junior College	33A	8	33S	7
18	Yishun Innova Junior College	42A	19	42S	19

- Find out about the junior colleges and Millennia Institute using SchoolFinder at ***www.moe.gov.sg/schoolfinder*** *(see **Annex H** for the Guide to use SchoolFinder)* and ***Annex D*** in this Information Booklet.

- Visit OneMap at ***www.onemap.sg/main/v2/schoolquerypostsec*** for more information on the location of the schools.

School Code **0715**

ANDERSON SERANGOON JUNIOR COLLEGE

Course Code (Arts) **39A**

Course Code (Science) **39S**

4500 Ang Mo Kio Avenue 6 S(569843)

Anderson Serangoon Junior College will temporarily move to a holding site at 1033 Upper Serangoon Road, Singapore 534768, from January 2024 to December 2027 (tentative). The college's new campus will be built at the current Ang Mo Kio site.

Tel : 64596822 Fax : 64598734

School Website : ***asrjc.moe.edu.sg***

Bus Services	:	13, 45, 86, 162, 269, 825, 851, 852, 853, 860
Nearest MRT Station	:	Yio Chu Kang
School Vision	:	Imaginative Thinkers, Caring Leaders
School Mission	:	Empowering students to find purpose, courage and passion in learning, leading and serving
Type of School	:	Government/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 5 to 11 Science : 4 to 10

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at ***asrjc.moe.edu.sg/joining-asrjc/joint-admission-exercise***.

Subjects Offered :

H1 Subjects

Biology, Chemistry, Chinese Language, Economics, General Paper, Geography, History, Literature in English, Malay Language, Mathematics, Physics, Project Work, Tamil Language

H2 Subjects

Art, Biology, Chemistry, Chinese Language & Literature, Computing, Economics, Further Mathematics, Geography, History, Literature in English, Malay Language & Literature, Mathematics, Physics, Tamil Language & Literature

H3 Subjects

(a) MOE-H3 Subjects

Biology, Chemistry, Economics, History, Mathematics, Physics, Tamil Language and Literature

(b) University-Taught H3 Modules

NTU Molecular Biology, NTU Semiconductor Physics & Devices, NUS Geopolitics: Geographies of War & Peace, SMU Game Theory

(c) H3 Research Programmes

NTU Nanyang Research Programme, NUS Science Research Programme, NUS-MOE Humanities and Social Sciences Research

CCA Offered

Sports & Games	:	Badminton, Basketball, Football (Boys), Frisbee, Hockey, Netball (Girls), Shooting (Air Pistol and Rifle), Table Tennis, Taekwondo, Tennis, Touch Football (Girls), Volleyball
Performing Arts	:	Chinese Orchestra, Choir, Dance (Contemporary & Indian), StageWorks (English Drama), Guitar Ensemble, Harmonica Band, Symphonic Band
Clubs & Societies	:	Audio Visual Aids Club, Chinese LDDS, Debate and Creative Communications, Community Champion Council, Outdoor Activities Club, Photographic Society, STEM INC (Science, Technology, Engineering & Mathematics), Red Cross Youth, Strategist Society, Students' Council, Tamil LDDS, Visual Arts Club

Special Programmes Offered

MOE Programmes : Tamil Language Elective Programme (TLEP)
Engineering and Tech Programme and Scholarship (ETPS)

School-based Programmes :

Centre of Excellence for STEM and Interdisciplinary Learning

As the Centre of Excellence in Science, Technology, Engineering & Mathematics (STEM) and Interdisciplinary Learning, students can look forward to immersive learning experiences that will equip them with skills to engage in STEM and interdisciplinary fields in higher education and careers. Students are offered a range of STEM & interdisciplinary learning opportunities under three key programmes – STEAM Education, STEM Programme, and Arts Education Programme.

- **STEAM Education**
  ASRJC offers an interdisciplinary, collaborative approach to learning through STEAM Education. With inquiry at the heart of STEAM Education, we explore themes and issues relevant to our students in an authentic setting across the Sciences, Technology, Engineering, the Arts and Mathematics (STEAM). Students will have the opportunity to plan and run STEAM-related activities. This includes

running workshops at our annual ArtScience Festival, a day set aside for all students to explore concepts or real-life issues through an interdisciplinary perspective. Through STEAM Education, we prepare our students to tackle real-world issues and embrace life-long learning.

- **STEM Programme**
  ASRJC leads scientific inquiry and enrichment among schools in the North Zone. Our students can look forward to the mentorship of our experienced teachers, and the use of a dedicated Science research laboratory (Elementz Lab) and a makerspace (PlayP∑n) with advanced equipment to support Science research and innovation projects. Our students also have access to a wide range of Science research opportunities, including our annual International Elementz Science Fair, STEM-related hackathons, and competitions & attachment opportunities in universities and research institutes.

- **Arts Education Programme**
  Our college's Arts Education Programme is designed for and by our students in the Arts stream to develop aesthetic sensitivity and cultural awareness, while exploring issues through socio-cultural perspectives. Students can look forward to learning opportunities such as plays, movie screenings, talks by distinguished speakers, and learning journeys to museums. Students also organise the Arts Symposium, where they showcase their learning and curate their very own Arts Learning Trail around Singapore.

Civic Education
Our Civic Education programme brings together a series of learning experiences that combine National Education and Service-Learning. These experiences enable students to understand the complexities in our society and the challenges & opportunities facing us. Through critical questioning and perspective-taking, students get to clarify their civic values, articulate their aspirations for our society, nation and the world, and take action to realise these values and aspirations.

Education and Career Guidance
ASRJC offers a systematic, rigorous, and research-based Education and Career Guidance (ECG) programme. Students learn to make informed education and career choices by exploring their personal strengths and aspirations, gaining greater awareness about the various higher education and career options, and making plans towards their goals. Students can look forward to ECG learning opportunities, which include class discussions, interactions with industry and educational professionals during the career and university symposia, learning journeys, and work attachments.

Student Leadership Development & Talent Development Programme
ASRJC believes that every student can be a leader in his/her own right. Adopting a values-driven leadership development approach, we foster the courage in our students to lead by clarifying values, identity and purpose, discovering personal strengths, learning exemplary leadership practices, and thus leading through one's authentic self.

Our Talent Development Programme (also known as the *Alpha* Programme) admits outstanding students with the aim to nurture scholars with a heart to serve. The programme offers mentoring and enrichment opportunities to enhance students' holistic education experience and to stretch their potential.

Internationalisation Programme
Our college's Internationalisation Programme, also known as ASR eXplore, prepares students for immersive overseas learning experiences and builds their understanding of global issues through interdisciplinary study. Students can look forward to experiencing the outdoors, exchanging ideas with youths in Asian countries, gaining cultural awareness, and widening their intellectual horizons. Through our Internationalisation Programme, students have visited countries such as China, Japan, Korea, Thailand, and Vietnam, and have also participated in international conferences such as the Model United Nations (MUN) and the Harvard Model Congress Asia.

School-based Scholarships : **College Advisory Committee Scholarships**
Our College Advisory Committee offers scholarships to outstanding JC1 and JC2 students who excel in their academics and co-curricular activities.

School facilities : High-end science research labs - the Elementz Lab, Raman microscope lab and Makerspace for STEM Programme

Safe and well-equipped facilities to support students' learning and development, including rifle range, tennis courts, sheltered basketball court, taekwondo room, multi-purpose sports hall equipped with drone safety enclosure, art studio, auditorium, band room, Chinese orchestra room, choir room, dance studio, guitar room, photography darkroom and multi-media laboratory

School Code **0803**

ANGLO-CHINESE JUNIOR COLLEGE

Course Code (Arts) **22A**
Course Code (Science) **22S**

25 Dover Close East S(139745)
Tel: 67750511 Fax: 67775479
School Website : ***acjc.moe.edu.sg***
www.fb.me/anglochinesejuniorcollege
Instagram @acjc_official

Bus Services	:	74, 91, 92, 95, 191, 196, 198, 200
Nearest MRT Station	:	Buona Vista, One North
School Vision	:	Noble **A**mbition and **C**haracter, for the **S**ervice of God and nation.
School Mission	:	ACJC is a Methodist Institution committed to an all-round education of the highest standards based on Christian principles.
Type of School	:	Government-Aided School/Mixed School/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus points given for Affiliated Schools	:	Anglo-Chinese School (Barker Road), Anglo-Chinese School (Independent), Fairfield Methodist Secondary School, Geylang Methodist Secondary School, Methodist Girls' School (Secondary), Paya Lebar Methodist Girls' School (Secondary)
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 2 to 9 Science : 2 to 8

Applicants should check the subjects offered in the Arts and Science courses and school-based criteria for subjects offered at ***acjc.moe.edu.sg/student-life/academics***.

Subjects Offered *(Offered if minimum candidature is met)* :

H1 Subjects
Art, Biology, Chemistry, Chinese Language, Economics, General Paper, Geography, History, Literature in English, Malay Language, Mathematics, Physics, Project Work, Tamil Language

H2 Subjects
Art, Biology, Chemistry, Chinese Language and Literature, China Studies in English, Computing, Economics, English Language & Linguistics, Further Mathematics, Geography, History, Literature in English, Malay Language and Literature, Mathematics, Music, Physics, Tamil Language and Literature, Theatre Studies & Drama

H3 Subjects
Biology, Chemistry, Geography, History, Literature in English, Mathematics, Music, Physics

Physical Education, Character Development, Leadership Development, National Education, Co-Curricular Activity

CCA Offered

Sports & Games	:	Badminton, Basketball, Bowling, Canoeing, Cross-Country, Floorball, Golf, Hockey, Netball, Rugby, Soccer, Softball, Squash, Swimming, Table-Tennis, Tennis, Track & Field, Volleyball, Water Polo
Uniformed Groups	:	Boys' Brigade Primers
Performing Arts	:	ACSian Theatre, Band - Symphonic, Choir, Dance Society, Guitar Ensemble, String Ensemble
Clubs & Societies	:	Art Club, Arts Council (History Society, Geography and Environment Society, Economics Society), Christian Fellowship, Debating And Oratorical Society, First-Aid Unit, Interact Club, Library Council, Mother Tongue Language Societies, Media Resource Crew, Photographic Society, Pixel Labs (Digital Media), Science & Mathematics Council (Biomedical, Chemistry & Materials, Physics & Engineering, and Math & Computing), Students' Council, Tech Council
Others	:	External CCAs are recognised in ACJC (verification needed)

Special Programmes Offered

MOE Programmes :
Science Research Programme
Local Science Attachment Programme
Nanyang Research Programme
Overseas Science Attachment Programme
Creative Arts Programme
Drama Elective Programme
English Language Elective Programme
Humanities Scholarship and Programme
Humanities and Social Science Research Programmes
Music Elective Programme
Engineering and Tech Programme and Scholarship
West Zone Centre of Excellence (Language Arts)

School-based Programmes	:	ACJC Science Excellence Programme ACJC Innovation & Research Fair Dialogic Arts Symposium Aesthetic Education through Performing Arts Job Experience Programme Higher Education and Career Guidance Programme Elective Leadership Modules & Student Leaders' Workshops and Camp Extensive Local & Overseas Values-In-Action Programmes Voice@ACJC for Oratory and Public Speaking

School Code **7001**

ANGLO-CHINESE SCHOOL (INDEPENDENT)

Course Code (IB) **51I**

121 Dover Road S(139650)
Tel: 6773 1633 Fax: 6773 1433
School Website : ***acsindep.moe.edu.sg***

Bus Services	:	33, 74, 166, 196
Nearest MRT Station	:	Dover, Buona Vista, One-North
School Vision	:	Nurturing the Scholar, Leader, Global Citizen - Catalysts for Change, For God & Humanity (Years 5 – 6)
School Mission	:	To be a beacon of truth and light, a world-class institution through the holistic development of our students
Type of School	:	Independent/Co-ed (Yrs 5 & 6)/Single session/School with Integrated Programme/IB World School
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	IB : 2 to 5

School-based criteria for subjects offered may apply. Please refer to the school website for details.

Subjects Offered :

International Baccalaureate Diploma Programme (IBDP)

Our IBDP students offer the full IB diploma comprising three Higher Level subjects, three Standard Level subjects as well as the three core requirements of the IBDP:

• the **Extended Essay**, a 4,000 word essay which acquaints students with the independent research and writing skills expected at university.

• the **Theory of Knowledge** course, designed to provide coherence by exploring the nature of knowledge across disciplines, encouraging an appreciation of other cultural perspectives.

• **Creativity, Activity, Service (CAS)** which encourages students to be involved in artistic pursuits, sports and community service work, fostering students' awareness and appreciation of life outside the academic arena.

Students select 1 subject each from Groups 1 to 5. The 6th subject may be chosen from Group 3, 4 or 6.
Grp 1 : Literature (English) (HL); Language & Literature (English) (HL/SL)
Grp 2 : Chinese B/Malay B/ Tamil B/Hindi B (SL) OR Ab initio (Spanish, French & Mandarin (SL))
Grp 3 : Business Management (HL/SL); Economics (HL/SL); Geography (HL/SL); History (HL/SL)
Grp 4 : Biology (HL/SL); Chemistry (HL/SL); Physics (HL/SL); Computer Science (HL)
Grp 5 : Mathematics (Analysis and Approaches (HL/SL))
Grp 6 : Music (HL); Visual Arts (HL)
Others : Pastoral Care, Physical Education

School Fees :

Singaporeans - $450 per month
Singapore Permanent Residents - $1,150 per month
International Students (ASEAN) - $2,400 per month
International Students (Non-ASEAN) - $2,700 per month
(Fees are subject to change during the year)

Miscellaneous Fees : IBDP Years 1 & 2 - $50 per month

CCA Offered

Sports And Games	:	Badminton, Basketball, Bowling, Canoeing, Cricket, Cross-Country, Golf, Football, Frisbee, Rugby, Sailing, Shooting, Softball, Squash, Swimming, Tennis, Track & Field, Water Polo
Uniformed Groups	:	Boys' Brigade Primers, Boys' Brigade Bagpipe Band, National Cadet Corps (Air, Land & Sea), St John Brigade, National Civil Defence Cadet Corps, National Police Cadet Corps, Scouts / Ventures
Performing Arts	:	Cultural Performing Arts Club, Dance Venia, Guitar Orchestra, ACS Independent Stage, Philharmonic Orchestra, Vocal Accord, Wind Ensemble
Clubs And Societies	:	ACSPress / ECHO, Active ACSians, Astronomy Club, International Chess, Chinese Chess, Debate Club, Environmental Focus Group, Health & Fitness Club, !NK, Interact Club, Library, Mathematics Competition Team, Media Production AC, Media Resource, Multi-Purpose Co-Operative Society, Photographic Club, Robotics Technology Society, School Magazine, Science Research Challenge, Young Diplomats' Society, Young Entrepreneurs' Society, Young Innovators' Society
Others	:	Student Council, House Leaders, Interest Groups

Special Programmes Offered

MOE Programmes	:	Music Elective Scholarship, Humanities Scholarship and Programme (HSP), Regional Studies Programme (RSP), Engineering and Tech Programme and Scholarship (ETPS)
School-based Programmes	:	Advanced Science Programme, Career Opportunities and Guidance, Pastoral Care, Acsians-In-Action Programme

Other School Features

Founded in 1886, our school's core purpose is to nurture our students to be catalysts for change with Godly values and robust character, equipped and willing to serve and lead in the family, nation and the global community. A Methodist institution, the school places a strong focus on all-round, values-centric development, anchored in a school environment of care, service and excellence.

ACS (Independent) began offering the IBDP (International Baccalaureate Diploma Programme) in 2006 and is the first national school to do so in Singapore. The IBDP, created in 1968, is an internationally recognised pre-university course of study and has earned a reputation for rigorous assessment, giving IB diploma holders access to the world's leading universities.

School Code **0802**
CATHOLIC JUNIOR COLLEGE
Course Code (Arts) **23A**
Course Code (Science) **23S**

129 Whitley Road S(297822)
Tel: 62524083 Fax: 62537267
School Website : ***cjc.moe.edu.sg***
www.facebook.com/CatholicJC
www.instagram.com/catholic.jc

Bus Services : 105, 132, 151, 153, 154, 156, 186, 966, 985

Nearest MRT Station : Toa Payoh (NSL), Novena (NSL), Stevens (DTL), Caldecott (CCL,TEL)

School Vision : CJC: A Place of Excellence in Learning and Living

School Mission : Building a Generation In Truth and Love;
Every CJCian to be a Thinker with a Mission,
Leader with a Heart.

Type of School : Government-Aided/Mixed/Full Day

Mother Tongue : Chinese/Malay/Tamil

Bonus points given for Affiliated Schools : Assumption English School, Catholic High School, CHIJ Katong Convent, CHIJ Secondary (Toa Payoh), CHIJ St. Joseph's Convent, CHIJ St. Nicholas Girls' School, CHIJ St. Theresa's Convent, Hai Sing Catholic School, Holy Innocents' High School, Maris Stella High School, Montfort Secondary School, St. Anthony's Canossian Secondary School, St. Gabriel's Secondary School, St. Joseph's Institution, St. Patrick's School

Net Aggregate range of 2022 JAE students posted to 2022 JC1 :
Arts : 7 to 13
Science : 6 to 13

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at ***cjc.moe.edu.sg/admission***.

Subjects Offered :

H1 Subjects
Economics, English Literature, Geography, History, Mathematics, Biology, Chemistry, Physics, Chinese, Malay, Tamil, General Paper, Project Work

H2 Subjects
Economics, English Language & Linguistics, English Literature, Geography, History, Mathematics, Biology, Chemistry, Physics

H3 Subjects
Economics, English Literature, Geography, History, Mathematics, Biology, Chemistry, Physics

CCA Offered

Sports & Games : Badminton, Basketball, Bowling, Canoeing, Cross Country, Fencing, Floorball, Football, Netball, Swimming, Tennis, Track and Field, Ultimate (Frisbee), Volleyball

Visual and Performing Arts : Choir, Concert Band, English Drama, Guitar Ensemble, Guzheng Ensemble, Modern Dance

Clubs & Societies : Editorial Club, Film Sound & Video, First Aid Club, Genesis, Interact Club, Nexus (Investment & Entrepreneurship), Oratorical Society, STE^{2}M Club, Strategy Games Club, Student Council

Special Programmes Offered

MOE Programmes : Engineering and Tech Programme and Scholarship (ETPS)
English Language Elective Programme (ELEP), MOE ELEP Scholarships available

School-based Programmes :

Local
CJC Ignite Talent Development Programme to enhance critical thinking across disciplines
Science, Technology, Engineering and Mathematics Talent Development Programme
University Research and Partnership Programme
English Language & Linguistics Symposium and Enrichment Programmes
Humanities and Mother Tongue Languages Enrichment Programmes
Aesthetics Enrichment Programme
Model United Nations (MUN) conferences

Integrated Leadership Development Programme
Strength-based Student Development Programme
Local Service Learning Programme
Higher Education and Career Guidance Programme
Work Attachment and Shadowing Programme
Religious Education and Ethics Programme

Overseas
CJC Global Leadership Academic and Service Learning Programme

School-based Scholarships Offered	:	CJC Archbishop's Scholarship CJC Flame Scholarship (CCA) ** These scholarships recognise students with a good track record in academic excellence or co-curricular achievements and outstanding leadership qualities who gain admission to CJC. These scholarships are awarded in Semester 1 of the JC1 year. Please refer to www.cjc.moe.edu.sg for details.*
School facilities	:	Performing Arts Centre, Training & Development Centre, Chapel – House of Prayer, Fitness Centre (Gym) and training facilities for Badminton, Band, Basketball, Dance, Drama, Fencing, Floorball, Football, Guitar Ensemble, Guzheng Ensemble, Tennis, Volleyball

School Code **3101**

DUNMAN HIGH SCHOOL

Course Code (Arts) **44A**

Course Code (Science) **44S**

10 Tanjong Rhu Road S(436895)
Tel: 63450533 Fax: 63442316
School Website : ***dunmanhigh.moe.edu.sg***

Bus Services	:	12, 14, 30, 158, 196
Nearest MRT Station	:	Aljunied MRT, Kallang MRT, Mountbatten MRT
School Vision	:	The Premier School of Leaders of Honour
School Mission	:	To Nurture Our Students to Care, to Serve, and to Lead
Type of School	:	Government School/SAP/Autonomous/Co-Ed School/Single Session/School With Integrated Programme
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 6 to 9 Science : 2 to 8

For more details, applicants could check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at ***dunmanhigh.moe.edu.sg/sh-admissions/***.

Subjects Offered :

H1 Subjects

Chemistry, Economics, French @ MOELC, General Paper, Geography, German @ MOELC, History, Japanese @ MOELC, Mother Tongue Languages, Mathematics, Project Work

H2 Subjects

Art, Biology, Chemistry, Chinese Language & Literature, China Studies in Chinese, Translation (Chinese), Computing, Economics, English Language And Linguistics, French @ MOELC, Further Mathematics, Geography, German @ MOELC, History, Japanese @ MOELC, Literature In English, Mathematics, Music, Physics, Spanish@ MOELC

H3 Subjects

a) MOE developed H3 Syllabus

Art, Biology, Chemistry, Chinese Language & Literature, Economics, Geography, History, Literature in English, Mathematics, Music, Physics

b) University taught H3 Modules

NUS/NTU/SMU

CCA Offered

Sports & Games	:	Air Weapons Club, Badminton, Basketball, Bowling, Football (Boys), Golf, Netball, Outdoor Activities Club (ODAC), Sailing, Singapore Youth Flying Club, Softball (Girls), Table Tennis, Taekwondo, Tennis, Track and Field, Volleyball, Wushu
Performing Arts	:	Chinese Orchestra (including Guzheng Ensemble), Choir, Dance Society, English Drama Society, Guitar Ensemble, String Ensemble, Symphonic Band
Clubs & Societies	:	Art Club, Community Council, Culinary Club, International and Strategic Affairs Council (ISAC), Japanese Cultural Club, Library Society, Mass Communications Society, Oratorical Society (Debates), Photographic Society, Publications, Senior High Student Council, STEAM Collective (Infocomm Club, Mathematics Society, Robotics Club, Science Society)
Uniformed Groups	:	Ventures Scout
Student- Initiated Interest Groups	:	Fashion Studies, Law Society, Malay Cultural Club, Medical Society, Oratorical Society (Public Speaking), Touch Rugby, Ultimate Frisbee, Uniformed Group Council, Youth Club

Special Programmes Offered

MOE Programmes :

- Bicultural Studies Programme (BSP)
- Chinese Language Elective Programme (CLEP)
- Creative Arts Programme (CAP)
- Engineering and Tech Programme and Scholarship (ETPS)
- NUS-MOE Humanities & Social Sciences Research (HSSR)
- Music Elective Programme (MEP)
- Nanyang Research Programme (NRP)
- Overseas Student Attachment Programme (OSAP)
- Science Research Programme (SRP)

Signature School Programmes :

Careers, Scholarships and Higher Education (CSHE) Programme - The CSHE Programme in DHS extends beyond Education and Career Guidance (ECG) to encompass Scholarships Guidance and complements our students' learning experiences in the academic and co-curricular areas. It focuses on helping students chart their personal development, acquire relevant experiences and explore their areas of interests, so that they are able to make informed decisions on their choice of universities, courses, scholarships and careers, and can be better placed to impact the community positively in the future. Our signature CSHE initiatives include an annual CSHE Day which brings together many higher education and industry partners, and our IBIS programme. IBIS provides opportunities for students to advocate for a cause, acquire skills, and deepen their areas of interest through participation in passion projects, work attachments, research opportunities and VIA.

Talent Development Programme (TDP) - In addition to the multiple MOE special programmes in different academic fields, DHS offers a diverse range of school-based talent development programmes to cater to students' aptitudes and interests. These include:

- **STEAM Academy@DHS spans the fields of Sciences, Technology (Infocomm, Robotics) Engineering, Arts/Aesthetics Design and Mathematics.** Enrolled students participate in research projects, hackathons, national competitions such as Singapore Science and Engineering Fair, overseas learning journeys and/or internships at tech firms, government agencies and/or research institutes, while gaining mastery in their specialised STEAM areas and increasing education exposure and work experience. Such opportunities are enabled by our strong long-term partnerships with external stakeholders such as A*STAR, Defence Science and Technology Agency (DSTA), Singapore University of Technology and Design (SUTD) and Zhejiang University-University of Illinois at Urbana Champaign Joint Institute.
- **MakerEd@DHS** provides opportunities to foster design and innovation with our Makerspace to support students in national competitions such as the Engineering Innovation Challenge and the A*STAR-ESSEC Business School Innovation Pitch Day.
- The **Dunman High Model ASEAN Plus (DHAP) Summit** is a signature event organised by the DHS International and Strategic Affairs Council (ISAC). As a Humanities TDP platform, it brings together youths from the Southeast Asian region and beyond to discuss pertinent issues that affect our region, and the world beyond.
- **Expresso** is the signature writing programme of the Senior High English Department. It aims to develop strong writers with a keen interest to hone their writing ability with structured mentoring and guidance provided. This platform enables students to showcase their writing prowess.

Student Leadership Programme – Student leadership development aims to grow every Dunmanian to be a purposeful leader, one with the capacity for abstract thinking, the ability to learn through complex and ambiguous situations, and the desire to make a positive difference to society, both now and in the future. All Dunmanians are introduced to fundamental leadership skills and knowledge in their time in DHS through mass leadership training programmes and customized leadership training for student leaders. Authentic leadership platforms are also provided for Dunmanians to hone their leadership skills through organising school events and initiating student-led activities that interest them. Furthermore, student leaders are also mentored by their teachers. All these learning experiences are focused on character development so that Dunmanians are developed as Leaders of Honour who Care, Serve and Lead in and beyond the school.

Other School Features

Since our founding more than six decades ago, we believe in forging ahead as a family. We strive to realise our vision of developing Leaders of Honour, who uphold the school motto of Honesty, Trustworthiness, Moral Courage and Loyalty (诚、信、勇、忠). We view character and cognitive development as fundamental to the holistic education of our students and seek to equip every Dunmanian with the dispositions and competencies needed to thrive in an increasingly complex world, including the passion for life and learning. We believe that every student should have the ability to collaborate meaningfully, think critically and creatively, and communicate effectively. We are committed to developing active citizens who care deeply for others, have a heart to serve, and take the lead to effect positive change in the world.

Our students have excelled academically and have gone on to pursue their passion in a diverse range of courses at renowned universities, both locally and globally. These include Peking, Fudan, Cambridge, Oxford, London School of Economics, University College London, Harvard, Stanford, UC Berkeley, New York, etc., apart from our local universities. Dunman High School takes pride in nurturing all round leaders who are good citizens and who have contributed and will continue to contribute to society and the nation.

School Code **0714**

EUNOIA JUNIOR COLLEGE

Course Code (Arts) **38A**

Course Code (Science) **38S**

2 Sin Ming Place, Singapore 573838

Tel: 63518388 Fax: 63518399

School Website : ***eunoiajc.moe.edu.sg***

Bus Services	:	13, 52, 74, 88, 130, 162, 162M, 410G, 410W, 851, 852
Nearest MRT Station	:	Bishan MRT Station, Marymount MRT Station, Bright Hill MRT Station (2020)
School Vision	:	Every Eunoian a Youth with Purpose, Thinker with Heart, Leader with Courage
School Mission	:	We Enable students to learn continuously, Empower students to seek all-round excellence, and Embolden students to pursue their purpose.
Type of School	:	Government School/Co-Ed School/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 4 to 8 Science : 2 to 6

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at ***eunoiajc.moe.edu.sg/curriculum/subject-combinations***.

Subjects Offered :

H1 Subjects

Biology, Chemistry, Chinese Language, Economics, French Language@MOELC, General Paper, Geography, German Language@MOELC, History, Japanese Language@MOELC, Malay Language, Mathematics, Physics, Project Work, Tamil Language

H2 Subjects

Art, Biology, Chemistry, China Studies In Chinese, Chinese Language & Literature, Economics, French Language@MOELC, Further Mathematics, Geography, German Language@MOELC, History, Japanese Language@MOELC, Knowledge & Inquiry, Literature In English, Malay Language & Literature, Mathematics, Music, Physics, Spanish Language@MOELC, Tamil Language & Literature, Translation (Chinese)

H3 Subjects

Art, Chemistry, Chinese Language & Literature, Geography, History, Literature In English, Malay Language & Literature, Mathematics, Music, Physics, Tamil Language & Literature, NUS Geopolitics: Geographies of War and Peace, NTU Molecular Biology, NTU Semiconductor Physics & Devices, Science Research, SMU Game Theory

CCA Offered

Sports & Games	:	Badminton, Basketball, Floorball (Boys), Hockey (Girls), Netball (Girls), Softball, Squash (Girls), Table Tennis, Taekwondo, Tennis, Track & Field, Ultimate Frisbee, Volleyball
Uniformed Groups	:	Not Available
Performing Arts	:	Chinese Orchestra, Choir, Dance, Drama, Symphonic Band
Clubs & Societies	:	Computing & Robotics, Debate, Environment, Library, Media, Mind Sports, Outdoor Adventure (ODAC), Press, Service Learning, Student Council, Visual Arts

Special Programmes Offered

MOE Programmes	:	Bicultural Studies Programme Engineering and Tech Programme and Scholarship Humanities Scholarship and Programme Integrated Programme Music Elective Programme
School-based Programmes	:	Community Engagement Scholarship Programme Environmental Literacy Programme Global Orientation Programme Leadership Development Programme Life Coaching Programme STEM Research Programme Talent Development Programme

School Code **0806**
HWA CHONG INSTITUTION
Course Code (Arts) **24A**
Course Code (Science) **24S**

661 Bukit Timah Road S(269734)
Tel: 65786644 Fax: 67695857
School Website : ***hci.edu.sg***

Bus Services	:	66, 67, 74, 151, 154, 156, 157, 170, 174, 852, 961, 961M
Nearest MRT Station	:	Tan Kah Kee Station
School Vision	:	Empowering our students to Live with Passion and Lead with Compassion.
School Mission	:	We nurture leaders in Research, Industry and Government to serve the nation.
Type of School	:	Independent/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 2 to 5 Science : 2 to 4

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at the school website.

Subjects Offered :

H1 Subjects
Project Work, General Paper, General Studies in Chinese, Chinese Language, Malay Language, Tamil Language, Geography, History, Economics, Literature in English, Mathematics, Biology, Chemistry, Physics, Art, French, Japanese & German @MOELC

H2 Subjects
Knowledge & Inquiry, Chinese Language & Literature, Art, Geography, History, Economics, Literature in English, Mathematics, Further Mathematics, Computing, Biology, Chemistry, Physics, China Studies (Chinese), English Language & Linguistics, Translation, French, Japanese, German & Spanish @MOELC

H3 Subjects
a) MOE developed Examinable Syllabus (H3 UCLES) (Offered in JC 2)
Chinese Language & Literature, Art, Geography, History, Economics, Literature in English, Mathematics, Biology, Chemistry, Physics

b) University H3 Module (Offered in JC 2)
NUS/NTU/SMU

c) H3 Research (Offered in JC 1)
Humanities and Social Science Research Programme, Science Research Programme, HCI-NTU-A*STAR H3 Science Research Programme, Nanyang Research Programme

School Fees	:	Singaporeans – $350 per month (JC) Singapore Permanent Residents – $930 per month (JC) International Students – ASEAN $1,460 per month (JC); Others $2,450 per month (JC) [subject to change]
Miscellaneous Fees	:	Nil
Supplementary Fees	:	Nil

CCA Offered

Sports & Games	:	Badminton, Basketball, Canoeing, Cross-Country, Fencing, Football, Judo, Netball, Shooting (Air Rifle & Air Pistol), Softball, Table-Tennis, Tae-kwon-do, Tennis, Touch Rugby, Track & Field, Ultimate Frisbee, Volleyball, Water Polo & Swimming, Wushu
Uniformed Groups	:	Uniformed Group Leaders
Performing Arts	:	Band – Concert, Choir, Dance – Chinese, Dance – Modern, Dance – Street, Ensemble – Guitar, Ensemble – String, Orchestra – Chinese, Drama – English, Drama – Chinese
Clubs & Societies	:	Art Club, Astronomy Club, Chinese Calligraphy & Painting, Chinese Society, First-Aid Club, Green Council, Humanities & Current Affairs Society, Interact Club, Infocomm and Robotics Society, English Literature Drama Debate Film Society, Library Club, Mind Sports Club, Outdoor Education Students' Club, Publications Society, Science Students' Research Club, Studio Ardent (Photography, AVA, Media Production), Students' Council, Students' National Education Council, CIP Council, CCA Council, Faculty Committees

Special Programmes Offered

MOE Programmes	:	Art Elective Programme (AEP), Humanities Scholarship and Programme (HSP), Chinese Language Elective Programme (CLEP), Bicultural Studies Programme (BSP), Engineering and Tech Programme and Scholarship (ETPS)
School-based Programmes	:	1. Hwa Chong Integrated Programme 2. International Science Youth Forum @Singapore 3. Hwa Chong ASEAN Outreach Programme 4. Hwa Chong Asia-Pacific Young Leaders Summit 5. Hwa Chong Talent Attachment & Grooming 6. Hwa Chong Gifted and Talented Education Programme 7. Hwa Chong Science and Mathematics Talent Programme 8. Hwa Chong Computing Talent Programme 9. Hwa Chong Science Research Programme 10. Hwa Chong Integrated Boarding Programme 11. Hwa Chong Sabbaticals

Other School Features

Hwa Chong Institution (HCI) is one of Singapore's premier Independent Schools, with a rich history of more than 100 years. It provides an intellectually-stimulating, secure and joyful environment that meets the needs of students from diverse backgrounds. The school's mission is to develop compassionate leaders to serve in the areas of research, industry and government and, to date, has produced 58 President's Scholars. Each year, about 50% of each cohort are offered admission to some of the best universities globally, including Oxford, Cambridge, and Imperial College London; Harvard, Stanford, Berkeley, MIT, Yale, Princeton, Penn and Brown; Peking, Tsinghua and Fudan; as well as Medicine, Law and scholars programmes in the local universities. Many go on to become stewards of key sectors to help Singapore navigate challenges in this new global age.

The Hwa Chong experience is not just about academic excellence. All students undergo a sustained leadership and character education programme which emphasises the importance of giving back to the community. The many local and global service-learning projects spearheaded by Hwa Chong students bear testament to this enduring culture of service. Most importantly, Hwa Chong is known for its warm and friendly school environment and strong school spirit. The school is committed to ensure every Hwa Chong student receive a rigorous yet flexible curriculum that also emphasises creativity, entrepreneurial thinking, resilience, passion and compassion.

School Code **0718**

JURONG PIONEER JUNIOR COLLEGE

Course Code (Arts) **40A**

Course Code (Science) **40S**

21 Teck Whye Walk S(688258)
Tel: 65646878 Fax: 67651861
School Website : ***jpjc.moe.edu.sg***

Bus Services	:	975, 190, 985
Nearest MRT Station	:	Choa Chu Kang/Bt Panjang/Phoenix Station (LRT)
School Vision	:	A college with a heart to serve and the courage to venture
School Mission	:	To nurture a community of active learners, innovative thinkers and compassionate leaders, with confidence for the future
Type of School	:	Government/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 10 to 16 Science : 4 to 14

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at the school website.

Subjects Offered :

H1 Subjects

Art, Biology, Chemistry, Chinese Language, Economics, General Paper, Geography, History, Literature in English, Malay Language, Mathematics, Physics, Project Work, Tamil Language.

H2 Subjects

Art, Biology, Chemistry, China Studies in Chinese, China Studies in English, Chinese Language & Literature, Computing, Economics, Further Mathematics, Geography, History, Literature in English, Malay Language & Literature, Mathematics, Physics, Tamil Language & Literature, Translation (Chinese).

H3 Subjects

Biology, Chemistry, Chinese Language & Literature, Economics, History, Literature in English, Malay Language & Literature, Mathematics, Physics.

CCA Offered

Sports & Games	:	Athletics, Badminton, Basketball, Chess Club, Floorball (Boys), Football (Boys), GymFit, Netball, Outdoor Activities Club, Table-Tennis, Taekwondo, Tennis, Touch Rugby (Girls), Ultimate Frisbee, Volleyball.
Performing Arts	:	Chinese Cultural Society, Chinese Orchestra, Choir, English Drama Society, Guitar Ensemble, Malay Cultural Society, Modern Dance Club, Symphonic Band.
Clubs & Societies	:	Audio Visual Club, Community Engagement Council, Debate Society, Eco Club, InfoComm Club, Interact Club, International Current Affairs Society, JP Press, Media Production Club, PlayArt Club, Student Council.

Special Programmes Offered

MOE Programmes :

Chinese Language Elective Programme (CLEP)

The CLEP aims to nurture students who have an aptitude for the Chinese language so that they can attain a high level of proficiency and better understanding of Chinese language, literature and culture. Distinctive elements include: Overseas Experiential Learning Programme, Writers' Forum, Student Internship Programme and Chinese Enrichment Programme.

Malay Language Elective Programme (MLEP)

The MLEP aims to nurture bilingual talents who demonstrate an aptitude for the Malay language and to further their understanding of the Malay language, literature and culture. Students will have a deeper appreciation for Malay literary works and its cultural roots and language nuances. Distinctive elements include Overseas Immersion Programme, Literature Learning Journey and Camp, attachments to civic organisations and the Work Shadowing Programme.

Engineering and Tech Programme and Scholarship (ETPS)

The ETPS is offered by the Ministry of Education to encourage outstanding students with strong foundations in mathematics and science and inclination towards applied, interdisciplinary and hands-on learning to pursue further studies and careers in engineering & technology. ETPS scholar must offer H2 Mathematics and at least one of H2 Physics, H2 Computing or H2 Further Mathematics. Applicants may refer to Annex C for more details.

Signature Programmes :

Science, Technology, Engineering and Mathematics (STEM) Programme

The **STEM Programme** seeks to provide opportunities for students to discover their interests, develop strengths and skills mastery, and maximise their potential, in preparation for a possible future in STEM-related careers. Renowned scientists and mathematicians are invited to deliver interesting and enriching lectures to students. Through purposefully curated activities based on Treffinger's Levels of Service Framework (Awareness, Experience & Experimentation, Performance and Leadership), students are able to learn and apply their knowledge and skills to authentic challenges, deepen their subject mastery and lead in problem-solving. They can also further their interests in the Sciences, Mathematics and Computer Science by participating in the college's STEM-related Interest Groups, or initiating investigative projects which are mentored by teachers or researchers from tertiary institutions. There are many opportunities for their projects to be presented at prestigious national and international platforms. The college also houses the unique **Feynman Lab** – a demonstration lab that provides hands-on experiences to support the "*Learn, Do, Use*" Teaching and Learning approach.

Arts & Social Sciences Interest Programme

The **Arts and Social Sciences Interest Programme** (ASSIP) invites students to develop inter- and multidisciplinary understandings on various topics concerning people, societies and social knowledge. Students will accomplish their learning through a diverse and customisable range of authentic learning experiences, including: guided research projects, bite-sized e-learning modules and academic seminars. Students can also seek to challenge themselves and apply their knowledge and skills through an array of internal (e.g. Arts and Social Sciences Day) and external platforms (e.g. World Scholar's Cup, Harvard Model Congress Asia). To allow students to see the relevance of their learning to the world around them, students will also have the opportunities to participate in overseas immersion programme, or pick up practical industry skills related to the diverse fields of the arts and social sciences.

Scholars Development Programme

As a nurturing ground for talents, the college seeks to develop our students' full potential and instil in them the drive to seek continuous growth and excellence and bring positive impact to the community they live, work and play in. The **Scholars Development Programme** is specially customised to allow students to pursue and achieve different peaks of excellence via its mentoring programme, close academic guidance and opportunities to implement service learning and leadership development projects. In addition, students develop their leadership potential via level-wide training and a variety of development platforms both in and outside of the college to initiate special projects and lead and mentor their peers. Some of these platforms include collaborative service learning projects with community leaders, MP Attachment Programme, a variety of leadership portfolios and Interest Groups. Students are mentored by teachers to build their scholarship portfolio and guided to pursue developmental opportunities that cater to their interests and aspirations.

Internationalisation Programme

The college's Internationalisation Programme focuses on nurturing globally savvy students and offers a wide range of overseas programmes that serves to develop our students' cross-cultural skills, broaden their experiences and deepen their learning. It enables them to understand Singapore's national imperatives more deeply and be confident and concerned citizens who are not only self-directed learners but also active contributors to society. The college's programme provides opportunities for students to appreciate ASEAN and China's political, socio-cultural and economic dynamism and gather experiences that would help them to engage these important partners in future.

Xinyao (新谣)

The college is a birthplace for **Xinyao**, a genre of Chinese songs composed and written by youths in Singapore that started in 1980s. Recognising this unique identity and Xinyao as part of Singapore's cultural heritage, the college has been co-organising the Xin Kong Xia Xinyao Festival (新空下) since 2015. The competition creates a greater awareness of Xinyao in the realm of local culture, in addition to enhancing the learning of the Chinese Language in an interesting and joyful way. It also provides students with a platform to apply their music and language skills, as well as showcase their talents.

School Code **0805**

NANYANG JUNIOR COLLEGE

Course Code (Arts) **26A**

Course Code (Science) **26S**

128 Serangoon Avenue 3 S(556111)
Tel: 62842281 Fax: 62855147
School Website: ***nanyangjc.moe.edu.sg***

Bus Services	:	22, 24, 45, 53, 58, 73, 105, 109, 109A, 133, 135, 136, 156, 159, 853, 853C
Nearest MRT Station	:	Lorong Chuan (Circle line/CC14) (4-minute walk via sheltered walkway)
School Vision	:	A leading college serving the nation with • Quality learners • Enhanced character development • Quality staff • Organisational excellence
School Mission	:	Uphold Values; Enhance Life-skills; Maximise Potential
Type of School	:	Government-Aided/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Chung Cheng High School (Main) Chung Cheng High School (Yishun)
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 2 to 6 Science : 2 to 5

Applicants may check the school-based criteria for subjects offered at ***nanyangjc.moe.edu.sg/life-at-nyjc/academic-programmes/subjects-offered-in-nyjc/***. For further information, please visit our Open House 2023.

Subjects Offered :

H1 Subjects

Biology, Chemistry, Economics, General Paper, Geography, History, Literature in English, Mathematics, Mother Tongue Languages, Physics, Project Work

H2 Subjects

Art, Biology, Chemistry, Chinese Language & Literature, Computing, Economics, Further Mathematics, Geography, History, Literature in English, Malay Language & Literature, Mathematics, Physics, Translation (Chinese)

H3 Subjects

(a) MOE-developed Examinable Syllabus

Art, Biology, Chemistry, Chinese Language & Literature, Economics, Geography, History, Literature in English, Mathematics, Physics

(b) University-taught Course

SMU Game Theory, NTU Molecular Biology, NTU Semiconductor Physics & Devices, NUS Geopolitics: Geographies of War & Peace

(c) Extended Research Project

NUS-MOE Humanities and Social Sciences Research Programme, NUS Science Research Programme, NTU H3 Science Research

CCA Offered

Sports & Games	:	Badminton, Basketball, Dragon Boat (Boys), Floorball, Football (Boys), Netball, Squash, Table Tennis, Tchoukball, Tennis, Touch Rugby, Volleyball
Performing Arts	:	Band (Symphonic), Chinese Cultural Society, Chinese Orchestra, Choir, Dance (Contemporary), English Drama, Guzheng Ensemble
Clubs & Societies	:	AEP Club, AVA Club, Biz Club, Channel News Nanyang, Chinese Literary Club, Gym Club, Interact Club, Media Resource Library, Nanyang Debaters & Orators, Outdoor Adventure Club, Photographic Society, Red Cross Humanitarian Network, Robotics & Computing Club
Leadership	:	Student Council, Class Leaders Executive Council (CLExco), CCA Leaders and Class Leaders
Student Interest Groups (SIG)	:	Hanja, J-Fire, Korzy, Malay Cultural Society, Mathematics Research Club, Ministry of Recreational Games, Nan Feng She·Nanyang Crosstalk and Quyi, Nanyang Acoustics Movement, Nanyang Astronomers' Club, Nanyang Calligraphy and Lettering, Nanyang Economics Society, Nanyang Law Society, Nanyang Magic Society, Nanyang Musicians Club, Nanyang Strings Ensemble, NY Alchemy, NY BioNat, NY Chess Club, NY Chinese Debate, NY Crochet, NY Cubers, NY Diabolo, NY Financial Literacy, NY History and Current Affairs, NY Pianist, NY Voices, NYarts, Paws on Parade, S.Lab, The Green Alliance, Writer's Circle

Special Programmes Offered

MOE Programmes :

- MOE Art Elective Programme (AEP)
- MOE Chinese Language Elective Programme (CLEP)
- Engineering and Tech Programme and Scholarship (ETPS)

Signature Programmes and Key School Features :

Student-centric Curriculum

- *Subject Choices*
  With advice from teachers and seniors, our students are guided in assembling their individual subject combinations, taking into consideration their passion and career aspirations. Our students have assembled more than 60 subject combinations.
- *CharacterPlus Programme*
  Our students come from many schools across Singapore and have varying secondary school experiences. Our unique CharacterPlus Programme offers a mixture of core and elective modules from which students can choose. In this way, students can customize their own learning experiences to enhance their life skills.
- *"Managing Self Leading Others" (MSLO)*
  Through the MSLO framework, students reflect upon their life skills, leadership and 21st century competencies. Through reflection, they can understand themselves better and set themselves upon the next step for self-development.
- *Student Leadership Development Programme*
  Our students develop their leadership competencies through our modular development programme and practise leadership across a broad spectrum of roles and responsibilities. Students serve on college leadership bodies or lead their classes, CCAs and student-interest groups. Students also lead in initiating and implementing projects within our college or in partnership with the wider community.
- *Service-Learning*
  Service is essential to character and leadership development. Our students participate in a college-wide Service-Learning Programme to envision, plan and implement projects to serve the wider Singaporean community. Mentored by community partners and teachers, our students put values into action and enhance their life skills. Students can also volunteer to participate in our International and Regional Service-Learning Expeditions overseas.
- *Career & Higher Education Guidance Programme*
  We provide platforms for students to explore their aspirations for university education and future careers. Our annual Career Seminar, forums with local and overseas university representatives, and work attachment and internship programmes provide opportunities for students to interact and network with professionals, practitioners and experts.
- *Galileo Programme*
  The Galileo Programme provides scholarship aspirants with opportunities for academic enrichment, leadership development, and career internships. Students also contribute and learn actively through involvement in college initiatives, functions, community projects, and local or overseas service-learning projects.
- *Humanities Enrichment Programme*
  Students who read the humanities subjects (Art, Geography, History, Literature in English) will have opportunities to go on local and overseas learning journeys, attend plays, visit museums and offshore islands like Jurong Island and Pulau Semakau, attend guest lectures by writers and university faculty as well as alumni sharing. Students can also participate in the Creative Arts Programme, JC Sejarah Inquisition, Model UN/ASEAN or initiate their own projects through student interest groups like NY History and Current Affairs and Writer's Circle.
- *Science Research Opportunities*
  Students who are interested in science research will have opportunities to participate in various programmes with local universities and statutory boards, such as Science Research Programme (NUS), Nanyang Research Programme (NTU) (which also offers research topics on Humanities, Arts and Social Sciences), Young Defence Scientists Programme (DSO), and Overseas Student Attachment Programme (Science). There is also our school-based Scientist-in-School Programme in collaboration with A*STAR.

Supportive Learning Environment

- *Timetable Structure*
  Assembly starts at 8:30 a.m. so that students can come to college refreshed and ready to learn. The college also implements a 2-week block timetable to facilitate flexibility for allowing students to choose their combination of subjects.
- *Learning Spaces*
  Students need an environment conducive to study. We set aside space for students to study and learn, independently or as a group. Our campus is accessible seven days a week for students who need our learning spaces.

School-based Scholarships : The Nanyang Junior College Zhong Zheng Ren Scholarship aims to inspire our students to pursue their passions and develop their talents while building their character. The scholarship recognises students who have demonstrated outstanding achievements in aesthetics, sports, community and/or leadership, or have shown great resilience.

School Code **0701**
NATIONAL JUNIOR COLLEGE
Course Code (Arts) **27A**
Course Code (Science) **27S**

37 Hillcrest Road S(288913)
Tel: 64661144 Fax: 64684535
School Website : ***nationaljc.moe.edu.sg***

Bus Services : 67, 74, 151, 154, 156, 157, 170, 174, 852, 961

Nearest MRT Station : Botanic Gardens MRT, Sixth Avenue MRT, Tan Kah Kee MRT

School Vision : NJCians demonstrate Loyalty with Integrity, Scholarship with Creativity, Leadership with Sensitivity, Service with Honour.

School Mission : College of the Nation: Home of Scholars and Leaders who Serve with Honour

Type of School : Government School/Mixed School/Full Day/Integrated Programme School with Boarding

Mother Tongue : Chinese/Malay/Tamil

Bonus Points given for Affiliated Schools : Not Applicable

Net Aggregate range of 2022 JAE students posted to 2022 JC1 : Arts : 2 to 8
Science : 2 to 7

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at ***nationaljc.moe.edu.sg/curriculum/senior-high/subject-combinations.***

Subjects Offered :

H1 Subjects
Biology, Chemistry, Chinese Language, Economics, General Paper, Malay Language, Mathematics, Physics, Project Work, Tamil Language

H2 Subjects
Art, Biology, Chemistry, Chinese Language & Literature, Computing, Economics, English Language and Linguistics, Further Mathematics, Geography, History, Knowledge & Inquiry, Literature in English, Malay Language & Literature, Mathematics, Music, Physics, Tamil Language & Literature

H3 Subjects
Art, Economics, Essentials of Modern Physics, Geopolitics, History, Humanities and Social Science Research, Literature in English, Mathematics, Pharmaceutical Chemistry, NUS-A*STAR-NJC Science Research, NTU H3 Molecular Biology, NTU H3 Semiconductor Physics and Devices, NTU H3 Science Research, SMU H3 Game Theory, NUS H3 Geopolitics

CCA Offered

Sports & Games : Badminton, Basketball, Canoeing & Dragon Boat, Climbing, Cross Country/Track & Field, Floorball, Football (Boys), Hockey (Boys), Netball (Girls), Shooting, Softball, Squash, Table Tennis, Touch Rugby (Girls)

Uniformed Groups : Not Available

Performing Arts : Chinese Dance, Chinese Orchestra & Guzheng Ensemble, Choir, Guitar Ensemble, Indian Dance, Malay Dance, String Orchestra, Symphonic Band, Western Dance

Clubs & Societies : Aesthetics Club (Maker Society, Photography, Film Society), Astronomy, AVA & PA Club, CLDDS, ELDDES, Greenlink, ILDDS, Interact Club, MLDDS

Others : Student Council

Special Programmes Offered

MOE Programmes : Integrated Programme (IP), Art Elective Programme (AEP), Engineering and Tech Programme and Scholarship (ETPS), Humanities Scholarship and Programme (HSP), Malay Language Elective Programme (MLEP), Tamil Language Elective Programme (TLEP)

School-based Programmes :

Acceleration and Extension
Science Training & Research Programme, Humanities & Social Sciences Research Programme, International Research Exchange Programme, Taiwan Immersion Programme, NJC-Chu Van An High School Twinning Programme

Character and Leadership Development
Senior High 1 Signature CCE Boarding Programme, Adventure Education, Sapphire Scholars Programme, Values-in-Action Programme (Local and Overseas), GenGRIT (Special Programme for prospective SH1 students)

School Code **3009**

RAFFLES INSTITUTION

Course Code (Arts) **28A**

Course Code (Science) **28S**

1 Raffles Institution Lane S(575954)
Tel: 64199242 Fax: 64199238
School Website : ***ri.edu.sg***

Bus Services	:	13, 52, 54, 56, 57, 59, 71, 74, 88, 93, 130, 132, 156, 157, 162, 163, 165, 166, 167, 410, 851, 852, 855, 980
Nearest MRT Station	:	Bishan, Marymount
School Vision	:	Auspicium Melioris Aevi (Hope Of A Better Age)
School Mission	:	**Nurturing thinkers, leaders and pioneers of character who serve by leading and lead in serving**
Type of School	:	Independent/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 2 to 5 Science : 2 to 4

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at the school website.

Subjects Offered :

H1 Subjects

Art, Biology, Chemistry, Chinese Language, Economics, French@MOELC, German@MOELC, General Paper, Geography, Japanese@MOELC, Literature in English, Mathematics, Malay Language, Physics, Project Work, Tamil Language

H2 Subjects

Art, Biology, Chemistry, Chinese Language and Literature, Computing, Economics, English Language and Linguistics, French@MOELC, Further Mathematics, German@MOELC, Geography, History, Japanese@MOELC, Spanish@MOELC Newton, Knowledge & Inquiry, Literature in English, Malay Language and Literature, Mathematics, Music, Physics, Tamil Language and Literature

H3 Subjects

Art, Biology, Chemistry, Chinese Language and Literature, Economics, Literature in English, Geography, History, Malay Language and Literature, Mathematics, Music, Physics, Tamil Language and Literature

Other Subjects

Civics, Physical Education

School Fees :

Singaporeans - $335 per month
Singapore Permanent Residents - $910 per month
International Students (ASEAN) - $1,670 per month
International Students (Non-ASEAN) - $2,630 per month

Miscellaneous Fees : **-**

Supplementary Fees : Not Applicable

CCA Offered

Sports & Games : Badminton, Basketball, Bowling, Cricket (Boys), Cross Country, Dragon Boat, Fencing, Floorball, Football, Golf, Hockey, Judo, Netball (Girls), Rugby (Boys), Sailing, Shooting, Softball, Squash, Swimming, Table Tennis, Taekwondo, Tennis, Touch Rugby (Girls), Recreational Badminton, Sports Recreation Club, Track & Field, Ultimate Frisbee, Volleyball, Water Polo

Uniformed Groups : Boys' Brigade, NCC, NPCC, Red Cross, 01 Scouts, 02 Scouts

Performing Arts : Chamber Ensemble, Chinese Orchestra, Guitar Ensemble, Piano Ensemble, Raffles Chorale, Raffles Dance Club, Raffles Jazz, Raffles Rock, Raffles Street Dance, Raffles Symphonic Band, Raffles Players

Clubs & Societies : Alchemy Club, Archives and Museum Club, Art Club, Astronomy Club, Audio Visual Club, Bridge Club, Chess Club, Chinese Language Drama & Cultural Society, Club Automatica, Community Advocates, Computer Science Society, Entrepreneurs' Network, Film Society, Gavel Club, History & Strategic Affairs Society, Indian Cultural Society, Malay Language Drama & Cultural Society, Mathematics Club, Outdoor Adventure & Activities Club, Photographic Society, Raffles Debaters, Raffles Economics & Current Affairs Society, Raffles Interact, Raffles One Earth, Raffles Press, Raffles Runway, Raffles Society of Biological Sciences, Red Cross Youth (RI Chapter), Writers' Guild, Students' Council

Special Programmes Offered

MOE Programmes	:	English Language Elective Programme (ELEP) Engineering and Tech Programme and Scholarship (ETPS) Malay Language Elective Programme (MLEP) Humanities Scholarship and Programme (HSP) Music Elective Programme (MEP) Regional Studies Programme (RSP)
School-based Programmes	:	ASEAN Social Innovations Programme (Philippines) Electives@Raffles Research Labs Programme EW Barker Institute of Sports Science Research Programme International Service Learning & Leadership Elective Overseas Science Programmes Peer Helpers Programme Raffles Asia Programme Raffles Bi-Cultural Programme (China) Raffles Business Leaders' Programme Raffles Ecological Literacy Programme Raffles Global Studies Programme – Renaissance Programme Raffles Governance and Civic Engagement Programme Raffles Research Attachment Programme Raffles Reflects Raffles Regional Studies Programme Raffles Science Institute Electives Raffles Science Institute Water and Environment Sustainability Programme Sustainability and Green Technology

School Code **3103**

RIVER VALLEY HIGH SCHOOL

Course Code (Arts) **45A**

Course Code (Science) **45S**

6 Boon Lay Avenue S(649961)
Tel: 65678115 Fax: 65677351
School Website : ***rivervalleyhigh.moe.edu.sg***

Bus Services : 99, 157, 172, 174, 174E, 198, 240, 502, 974, NR5

Nearest MRT Station : Boon Lay

School Vision : A world-class institution that develops leaders of distinction for Singapore.

School Mission : To nurture in students bicultural acumen and moral integrity; to empower students to be thinkers, leaders and achievers with a global perspective.

Type of School : Government School/Mixed School/Full Day/School offering Integrated Programme

Mother Tongue : Chinese/Malay/Tamil

Bonus Points given for Affiliated Schools : Not Applicable

Net Aggregate range of 2022 JAE students posted to 2022 JC1 :
Arts : 7 to 9
Science : 4 to 8

For information on our subjects and school-based criteria for subjects offered, please visit our school website and attend our e-Open House sessions.

Subjects Offered :

H1 Subjects

Chemistry, Chinese Language, Economics, Geography, General Paper, Literature in English, Mathematics, Malay Language, Project Work, Tamil Language

H2 Subjects

Biology, Chemistry, China Studies in Chinese, Chinese Language and Literature, Computing, Economics, Further Mathematics, Geography, History, Literature in English, Mathematics, Physics, Translation (Chinese)

H3 Subjects

Biology, Chemistry, Chinese Language and Literature, Economics, Literature in English, Geography, History, Mathematics, Physics

CCA Offered

Sports & Games : Badminton, Basketball (Boys), Cross Country, Floorball, Football (Boys), Netball, Softball, Wushu, Table Tennis, Volleyball (Girls), Ultimate Frisbee

Uniformed Groups : Venture Scouts

Performing Arts : Chinese Drama, Chinese Orchestra, Choir, Concert Band, Dance Society, English Drama, Guitar Ensemble, Street Dance

Clubs & Societies : Art Club, Chinese Debate Society, English Debate Society, History and Current Affairs Society, Infocomm Club, Photography Club, Public Address Club, Service and Citizenship Society, Student Editorial Club, Library Club

Special Programmes Offered

MOE Programmes :
Bicultural Studies Programme
Humanities & Social Sciences Research Programme
Local Student Attachment Programme (Science)
Nanyang Research Programme (NTU)
Overseas Student Attachment Programme (Science)
Science Research Programme (NUS)
Engineering and Tech Programme and Scholarship (ETPS)

School-based Programmes :

Y.LEAD

Student leadership has traditionally been a mainstay of River Valley High School's curriculum. Through our school's signature event, Youth.Leverage Educate Actuate Develop (Y.LEAD) Seminar, we aim to develop students' 21st century competencies, heighten their awareness of global social challenges and empower them to become future leaders who can make a positive change to society. JC 1 students organise and run the programme for all our Secondary 3 students, including the 15-hour challenge where participants will engage in activities to apply their knowledge and skills acquired during the seminar.

RVMUN

The River Valley Model United Nations (RVMUN) conference is a student-run initiative that serves as a platform for the youth of today to generate positive change in the world through consultative-based debate. RVMUN empowers youth by equipping them with knowledge and skills to understand and address the intricacies and complexities of the world of current affairs and international relations. RVMUN provides delegates with the essential and critical insight into global issues and foster a sense of responsibility and integrity in addressing and finding solutions to these challenges.

Talent Academies

In RVHS, our signature Grow, Excel, Magnify (GEM) Talent Development Framework progressively identifies a variety of talents in all our students and customises multiple programmes and platforms to nurture and Grow our students. Students are given the chance to Excel through talent development programmes designed by RV's academic departments. In addition, students can further Magnify their talents and skills through challenging programmes and projects to make a significant impact on communities around them.

RV's talent academies consist of

- Science Leaders Academy
- The Eco-Sustainability Leadership Academy
- Mathematics Leaders Academy
- Bicultural Leaders Academy
- The Humanities and Social Sciences Leaders Academy
- Student Leaders Development Academy

Other School Features

River Valley High School (RVHS) is one of the top educational institutions in Singapore that seeks to nurture a community of Thinkers, Leaders and Achievers, where students are groomed to be Leaders of Distinction for the nation. In RVHS we offer a holistic curriculum comprising cognitive, leadership and talent development. Through participation in various MOE and school-based programmes such as Y.LEAD and RVMUN, RVians are equipped with the disposition to be purposeful, independent and passionate learners with a strong sense of tradition, mission and integrity. Our bicultural learning environment also provides our students with the fluency and skills to understand, appreciate and navigate the different cultural contexts alongside regional and global perspectives.

Our students benefit from the school's unique and innovative teaching and learning experience that culminates in the Cambridge GCE A-Level Examinations. We consistently develop students with excellent academic results that are matched with an impressive leadership portfolio. A strong testimony of our graduates' excellent all-round holistic attainments is the substantial number of graduates who were offered prestigious local and overseas scholarships and academic awards. Many of our alumni also continue to serve the school and community in various capacities, seeking to inspire their juniors to work towards achieving their goals and embody the RV spirit of giving back to the community.

Through the positive student development experiences, many cherished the friendships that are forged during their two years with the school. Together with a strong pool of caring and capable teachers, every RVian is poised to soar and achieve their aspirations as confident individuals with the heart to serve the nation.

School Code **0804**

ST ANDREW'S JUNIOR COLLEGE

Course Code (Arts) **30A**

Course Code (Science) **30S**

5 Sorby Adams Drive S(357691)
Tel : 62857008 Fax : 62850037
School Website : ***standrewsjc.moe.edu.sg***
www.facebook.com/standrewsjc

Bus Services	:	SBS Transit : 8, 26, 31, 90, 142 , 151, 154, 506 (PIE – Jalan Toa Payoh slip-road) 13, 107, 107M, 133, 142, 147, 506, 853, 853C (Upper Serangoon Road) 142 (Potong Pasir Ave 1) SMRT Buses : 857, 966, 985 (PIE)
Nearest MRT Station	:	Potong Pasir NE10 (7-min walk)
School Vision	:	Home of Servant Leaders who bring life to the Nations
School Mission	:	Making Lives and Waking Hearts to serve the coming days : Family-Society-Eternity
Type of School	:	Government-Aided/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Anglican High School, Christ Church Secondary School, Kuo Chuan Presbyterian Secondary School, Presbyterian High School, St. Andrew's Secondary School, St. Hilda's Secondary School, St. Margaret's Secondary School
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 4 to 11 Science : 2 to 9

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at ***standrewsjc.moe.edu.sg/curriculum/subject-combinations***

Subjects Offered :

H1 Subjects
Art, Biology, Chemistry, Chinese Language, Economics, General Paper, Geography, History, Literature in English, Malay Language, Mathematics, Physics, Project Work, Tamil Language

H2 Subjects
Art, Biology, Chemistry, Chinese Language and Literature, Economics, Geography, History, Literature in English, Mathematics, Physics, Tamil Language and Literature

H3 Subjects (with MOE Partners)
Biology, Economics, Geography, History, Physics

H3 Subjects (within college) based on demand
Chemistry, Geography, History, Mathematics, Physics

MT 'B' Subjects
Chinese 'B', Malay 'B', Tamil 'B'

CCA Offered

Sports & Games	:	Badminton, Basketball, Bowling, Football, Frisbee, Hockey, Netball, Rugby, Tennis, Touch Rugby, Track & Field, Water Polo
Performing Arts	:	Choir, Concert Band, Dance, Drama, Guitar Ensemble, Chinese Orchestra (Ensemble)
Clubs & Societies	:	Audio & Video/PA Club, Environment Club, Infocomm Club, Indian Cultural Society, Interact Club, Literary & Debating Society, Malay Cultural Society, Mentoring Club, Outdoor Activities Club, Photographic Society, Saints Model United Nations Club, Saints Sports Club
Leadership	:	Saints Advocate, Saints for Christ, Student Council

Special Programmes Offered

MOE Programmes : **Engineering and Tech Programme and Scholarship (ETPS)**

School-based Programmes : St Andrew's Junior College (SAJC) provides a holistic education that aims to nurture the character and talents of all our Saints, and develop them to be servant leaders for a better tomorrow. We believe that every Saint can contribute to society. We aim to harness this potential by kindling in them a passion for learning and a spirit for the community. The College provides Saints with programmes through which their gifts may flourish.

Student Leadership Programme
The Student Leadership Programme is an integral part of SAJC's contextualised and customised Character and Citizenship Education Curriculum – Servant Leadership Education And Development (SLEAD). Student leadership development is a key pillar in how we nurture our Saints to be *'Servant Leaders who bring life to the Nations*'. SAJC aspires for every Saint to be a servant leader who exercises both self-leadership and influence regardless of their position or title in life. In SAJC, we identify a servant leader as one who practices 3 Habits: a heart that *'Desires to Serve', a* head that *'Learns to Lead',* culminating in hands that *'Dares to Act'*. We believe these Habits will instill in each student the 4 Qualities of a Saint: Exemplary Character, Skilled Communicator, Holistic Thinker, and Community Builder. Saints are provided with various opportunities to develop their leadership of self and others in their classes, co-curricular activities, the College and the wider community. Some of our signature student leadership programmes include the Student Leadership Residential Programme,

St Andrew's Village Student Leadership Summit - ChrySAlis, Local and Overseas Service Learning, and Model United Nations Leadership Summit.

Talent Development Programme
The Talent Development Programme (TDP) serves as a platform to sharpen the 21st century competencies in information and communication skills, critical and inventive thinking, civic literacy, global awareness and cross-cultural skills. Saints selected to be in TDP will experience a myriad of opportunities that grow them in the domains of Scholastic Development, Servant Leadership Development and Expanding Perspectives. Under Scholastic Development, Saints in the TDP can expect to learn knowledge and skills beyond the GCE A-level curriculum. To deepen and broaden the content taught in classrooms, TDP students in the Arts and Science streams have the opportunity to gain experiences offered in the Humanities Scholars Programme and Science Scholars Programme respectively. Saints in the TDP are also equipped with skills and experiences to take on challenges confidently, as they mature to be Servant Leaders with the ability to leverage on multiple perspectives. The TDP experiences allow our Saints to be better poised to strive for prestigious scholarships in both the public and private sectors.

SAJC Scholarships and Awards
Apart from the MOE awards such as the Good Progress Award and Edusave Awards for Achievement, Good Leadership & Service, SAJC also offers JC1 and JC2 Saints a number of awards and scholarships that are enabled by our strong partnerships with our alumni and the St Andrew's community. These scholarships and awards recognise Saints with good conduct, academic excellence, co-curricular achievements and outstanding leadership qualities. Visit our website for a full list of the awards and scholarships available to Saints and the corresponding criteria.

Education and Career Guidance
Our Education and Career Guidance Programme aims to equip Saints with a good understanding of their personal strengths and interests, allowing them to make sound decisions over their career and higher education pathways. Our robust college-wide ECG programme, known as CareerSAdvance, offers all Saints opportunities to develop key skills and knowledge in ECG, allowing them to be well-primed to pursue both higher education and career aspirations with confidence. Signature SAJC ECG offerings such as CareerSAdvance ECG Webinar, Work Shadowing, Work Immersion in Portfolio Development provide Saints with opportunities to be exposed and attached to a variety of professions across industries to acquire greater clarity on their career inclinations and an awareness of the world of work.

Saints' Initiated Learning (SAIL)
In SAJC, Saints take ownership over their own pursuits, through exploration, discovery and sharing of their passions and talents beyond the academic domains. Saints' Initiated Learning comprises three main components: 1) Saints Ignite; 2) Saints Spotlight; and 3) Saints' Interest Groups (SIGs). Ignite gives students an opportunity to explore an area of strength/interest and share it with their classmates. Spotlight provides students with a college-wide platform to showcase their passions and skills to the school community. Saints can also be involved in Spotlight as Student Event Organisers, developing their initiative, confidence, and leadership skills. Lastly, Saints have the autonomy to form their own SIGs to pursue the development of a skill or interest together. This is aimed at encouraging student-centricity and enabling Saints to build a community of independent, passionate and lifelong learners in SAJC.

Arts Enrichment Programmes
SAJC showcases our Saints' artistic talents in a series of concerts and productions that proudly feature our performing arts CCAs. Saints learn soft skills such as leadership and management through the planning and execution of these concerts, giving them an enriching and memorable experience as part of their holistic education in the College. Enrichment programmes in the various art forms, such as visual and media arts, are also organised every term to develop in them creative and critical thinking skills.

Overseas Programmes
We strongly believe in providing Saints with opportunities to be exposed to learning overseas through both curricular-based enrichment and fieldwork for a range of subjects, and overseas immersion programmes. To that end, the College has partnered with overseas educational institutions such as Romain-Rolland Oberschule Gymnasium (Germany), Triam Udom Suksa School (Thailand) and Vories School (Japan) to provide our Saints with even more avenues for enriching their learning experiences. Saints are also given opportunities for overseas community service in Thailand and Vietnam.

School Code **7020**
ST. JOSEPH'S INSTITUTION
Course Code (IB) **52I**

38 Malcolm Road S(308274)
Tel: 62500022 Fax: 62533640
School Website : ***sji.edu.sg***

Bus Services : 105, 132, 151, 153, 154, 156, 186, 190, 960, 972

Nearest MRT Station : Stevens

School Vision : A mission school of choice, recognised for **values-centred education** and **learning driven by passion**, that nurtures persons who **make a difference** to society.

School Mission : Enabling youth in a **Lasallian community** to **learn how to learn** and to **learn how to live**; empowering them to become **persons of integrity** and **persons for others**.

Type of School : Independent/Mixed School/Single Session

Mother Tongue : Chinese/Malay/Tamil

Bonus Points given for Affiliated Schools : Not Applicable

Net Aggregate range of 2022 JAE students posted to 2022 JC1 : IB : 2 to 7

Applicants should check the subject combinations offered at ***sji.edu.sg/programmes/academic-programmes/ib-diploma-programme***.

Subjects Offered : **International Baccalaureate Diploma Programme (IBDP)**

St Joseph's Institution (SJI), as an authorized IB World School, offers the IBDP to all its Years 5-6 (JC1-JC2) students. The IBDP is a broad-based, integrated and international-minded programme, valued by top universities locally and internationally for nurturing independent, thinking and articulate learners. Students offer six subjects from six academic subject groups, three at Higher Level (HL) and three at Standard Level (SL). In addition, students carry out in-depth studies into an area of interest in the Extended Essay (EE), pursue critical thinking in the Theory of Knowledge course (TOK), and engage in all-round development in Creativity, Activity, Service (CAS). Further information is available from the school website at ***www.sji.edu.sg*** and the IBO website at ***www.ibo.org***.

IB Academic Subjects Offered *(subject to demand and availability of resources):*

Group 1: English A: Literature (HL/SL), English A: Language and Literature (HL/SL), Chinese A: Literature (SL)
Group 2: Chinese B (HL/SL), Malay B (SL), Tamil B (SL), Mandarin *ab initio* (SL), Spanish *ab initio* (SL)
Group 3: Economics (HL/SL), History (HL/SL), Geography (HL/SL)
Group 4: Biology (HL/SL), Chemistry (HL/SL), Physics (HL/SL)
Group 5: Mathematics: Analysis and Approaches (HL/SL)
Group 6*: Music (HL/SL), Visual Arts (HL/SL)
(*) Instead of Music or Visual Arts, students may offer any subject from Groups 3 or 4

Core Requirements: Creativity, Activity, Service (CAS), Extended Essay (EE), Theory of Knowledge (TOK)

Fees : *(2023 Fees; Accurate as of May 2022)*

	School	Miscellaneous	Total (Per Month)
Singapore Citizens	$450	$100	$550
Permanent Residents	$1,030		$1,130
International (Asean)	$1,600		$1,700
International (Non-Asean)	$2,550		$2,650

CCA Offered

Creativity, Activity, Service (CAS)
Students are encouraged to participate in experiences and projects that further their interests, and move them beyond their comfort zone, under this IB core requirement. The focus is on reflective growth and self-discovery, through a varied and balanced engagement over the two years of the IBDP in the areas of arts and creativity, sports and service. Students can choose from a wide variety of CAS experiences available. SJI can be flexible on the range of experiences chosen depending on student interests. Some activities will involve more formal coaching such as football, basketball, Ultimate Frisbee and dragon boat. Others can be student initiated and student-led. In each case, the student is assigned an advisor to work with on his/her participation and growth. Students are expected to reflect and record their CAS experiences as part of the requirement for the IB programme.

The following is not an exhaustive list but indicates the range of experiences available:

Creativity	:	Performing Arts experiences through the Dance, Literary Society, and Ukulele. Other Creativity experiences are offered through the Astronomy Club, Coding and Technology Club, Debating Society, Ecology Club, Film Club, Math Club, Photography, Rock-A-Cause, Science Club, Society of International and Current Affairs (SICA – Model United Nation), Venture Scouts and Visual Arts Club.
Activity	:	Badminton, Basketball, Canoeing (Boys), Cross-Country, Dragon Boat, Football, Hockey, Kin-Ball, Table-Tennis (Boys), Track & Field, Ultimate Frisbee.
Service	:	ACE Calvary Community Care Service Project, Beacon, BLOODay, Lasallian Youth, PRISM (Social Enterprise Club), Paper Bridges, Ulu Pandan Star Tuition Programme, and YoungXHush. The school also encourages students to develop and lead their own service experiences.

Special Programmes Offered

MOE Programmes	:	Engineering and Tech Programme and Scholarship (ETPS)
School-based Programmes	:	Global Education Programme, extensive range of CAS activities, University, Careers and Vocation Programme (including an extensive choice of internship), Character, Faith and Formation Experience, Talent Development Programme (Magis)

Other School Features

Founded by the De La Salle Brothers in 1852, St Joseph's Institution (SJI) is an independent Catholic school for boys in Years 1-4, and for boys and girls in Years 5-6 (JC1-JC2). SJI aims to nurture youths to become men and women who lead holistic, principled and meaningful lives that make a positive difference to the lives of others, through helping each student to discover and develop their unique vocation and talents. SJI presents a holistic vision of education that centers our students on the Josephian values of faith, service, and community whilst pursuing academic and character excellence.

The SJI IBDP is offered in a uniquely diverse and active learning environment, which features experienced IB teachers recruited from around the world, and learning that takes place in small, active groups in seminar style.

School Code **0717**

TAMPINES MERIDIAN JUNIOR COLLEGE

Course Code (Arts) **41A**

Course Code (Science) **41S**

21 Pasir Ris Street 71 S(518799)
Tel: 63493660 Fax: 63493667
School Website : ***tmjc.moe.edu.sg***

Bus Services	:	3, 4N, 39, 53, 68, 81, 89, 109, 358, 359, 518, 518A
Nearest MRT Station	:	Pasir Ris
School Vision	:	A dynamic institution known for its rich learning experiences in a culture of innovation, empowerment and care
School Mission	:	To nurture lifelong learners with a heart to lead and serve, guided by a strong moral compass and a spirit of excellence
Type of School	:	Government/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 6 to 13 Science : 5 to 13

Applicants should check the subject combinations offered in the Arts and Science courses and school-based guidelines for subjects offered at ***tmjc.moe.edu.sg/our-total-curriculum/instructional-programmes/subject-combinations.***

Subjects Offered :

H1 Subjects

Art, Biology, Chemistry, Chinese Language, Economics, Literature in English, General Paper, Geography, History, Malay Language, Mathematics, Physics, Project Work, Tamil Language

H2 Subjects

Art, Biology, Chemistry, Chinese Language & Literature, Economics, Literature in English, Further Mathematics, Geography, History, Malay Language & Literature, Mathematics, Physics, Tamil Language & Literature, Theatre Studies & Drama

H3 Subjects

Biology, Chemistry, Economics, Malay Language & Literature, Mathematics, Physics, University-taught Modules (NUS/NTU/SMU)

CCA Offered

Sports & Games	:	Archery, Badminton, Basketball, Floorball, Football, Health & Fitness, Netball, Outdoor Activities, Paddlers, Rockwall Climbing, Shooting (Air Rifle/Pistol), Squash, Table Tennis, Taekwondo, Volleyball, Wushu
Uniformed Groups	:	Not Available
Performing Arts	:	Chinese Orchestra, Choir, Modern Dance, English Drama, Guitar Ensemble, Symphonic Band
Clubs & Societies	:	Culture Promotion Club, Debating and Public Speaking, Interactive Games Club, Makers Club, Media Resource Club, Photography Club, Interact Club
Others	:	Class Committees, Project Committees, NYAA, Student Council

Special Programmes Offered

MOE Programmes : Malay Language Elective programme (MLEP), Drama Elective Programme (DEP), Engineering and Tech Programme and Scholarship (ETPS)

School-based Programmes :

- **Character & Citizenship Education:** Aims to inculcate values and build social emotional competencies in students through all aspects of college life. Through a variety of programmes and learning experiences, students will learn to be responsible to self, family and community; and appreciate their roles in shaping the future of our nation.
- **Educational & Career Guidance:** Equips every student with the knowledge and skills to make informed decisions about their higher education choices and career inclinations based on one's strengths and values. Each student will develop a unique portfolio to serve as a self-driven guidance tool.
- **Student Leadership:** Provides opportunities for students to build and develop their leadership capacities through expansive and customised experiential training as well as structured student–teacher mentorship.
- **ExpLORE!:** Provides overseas exposure and learning opportunities for students to **Exp**erience foreign cultures, **L**earn about emerging economies in the region, **O**bserve unique societal issues, **R**econnect with their Singaporean identity as well as **E**nrich the lives of others by contributing their services in overseas communities.
- **Talent Development:** Supports high-achieving students in maximising their potential and developing the necessary skills and qualities to be future leaders and scholars through customised training programmes and mentorship.

- **Values in Action:** Nurtures students to have the passion to serve and the initiative to take on service-learning.
- **Instructional Programme Enrichment:** Fosters a strong culture of learning through a variety of departmental enrichment activities that take learning beyond the classroom. These activities include Olympiad competitions, learning journeys, seminars, conferences and external research programmes.
- **Scholarships and Awards**: In addition to MOE and external scholarships and awards, our College also offers internal scholarships to recognise students' holistic accomplishments.

School Code **0702**

TEMASEK JUNIOR COLLEGE

Course Code (Arts) **32A**
Course Code (Science) **32S**

22 Bedok South Road S(469278)
Temasek Junior College will temporarily move to a holding site at 2 Tampines Avenue 9, Singapore 529564, from January 2024 to December 2027 (tentative). The college's new campus will be built at the current Bedok South site.
Tel: 64428066 Fax: 64428762
School Website : ***temasekjc.moe.edu.sg***

Bus Services	:	12, 16, 31, 38, 47, 137, 155, 196, 197, 229
Nearest MRT Station	:	Bedok
School Vision	:	An Institute of Distinction, A Dynamic Learning Culture, A Caring TJC Family
School Mission	:	Broaden Minds; Touch Hearts; Enrich Lives
Type of School	:	Government/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 5 to 9 Science : 3 to 8

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at ***temasekjc.moe.edu.sg/academic/junior-college/curriculum-overview***.

Subjects Offered :

H1 Subjects
General Paper, Project Work, MTL, Biology, Chemistry, Physics, Mathematics, Economics, Geography, History, English Literature

H2 Subjects
Knowledge & Inquiry, Biology, Chemistry, Physics, Mathematics, Further Mathematics, Computing, Economics, Geography, History, English Literature, Music (MEP), Chinese Language & Literature

H3 Subjects
Chemistry, Physics, Mathematics, Economics, Geography, History, English Literature, Music (MEP), Chinese Language & Literature

Note - All MEP students will offer both H2 and H3 Music.

CCA Offered

Sports & Games	:	Badminton, Basketball, Bowling, Floorball (Boys), Football (Boys), Netball (Girls), Shooting, Table Tennis, Taekwondo, Tennis, Volleyball
Cultural and Performing Arts	:	Chinese Drama, Chinese Orchestra, Choir, English Drama, Guitar Ensemble, Modern Dance, String Ensemble, Symphonic Band
Clubs & Societies	:	Debate Club, Indian Cultural Society, InfoComm Club (AV, IT & Photography), LEO Club, Malay Cultural Society, Outdoor Adventure Club, Students' Council (by election only)

Special Programmes Offered

MOE Programmes :
Chinese Language Elective Programme (CLEP) (for IP and JC)
Humanities Scholarship and Programme (HSP)
Music Elective Programme (MEP) (for IP and JC)
Engineering and Tech Programme and Scholarship (ETPS)

School-based :
Temasek STEM Academy
Academic Enrichment Programmes
Student Development and Leadership Programmes

Temasek STEM Academy: The Temasek STEM Academy aims to groom outstanding Mathematics and Science students to be leaders with 21st Century Competencies. Students can look forward to various exploratory and experiential STEM-based learning opportunities within and beyond the classroom based on interests and aspirations, supported by a team of teacher mentors and external partnerships.

Science: Singapore Biology/Chemistry/Physics Olympiad (MOE/NUS), Science Research Programme (NUS), Nanyang Research Programme (NTU), Research Mentorship Programme (SUTD), Singapore Science and Engineering Fair (MOE/A*STAR/SSC), Young Defence Scientists Programme (DSO), Local Student Attachment Programme, LSAP (MOE).

Mathematics and Computing: Singapore Mathematics Olympiad, American Mathematics Competition, Australian Mathematics Competition, International Mathematical Modelling Challenge, Singapore Mathematical Society Essay Competition, SUTD Research Mentorship Programme, Designing with TI GC

Competition, National Olympiad in Informatics, DSTA Brainhack, HCI Cyberthon, BuildingBloCS, Singtel Cyber Security Experience, Google Kick Start, Google Code Jam

Arts: MOE-GEP Creative Arts Programme, Temasek Humanities Programme, Geography Talent Development Programme (MOE)

Student Development and Leadership Programmes:
TJC has a comprehensive leadership development curriculum to help our students develop their potential and grow in their character and competencies. There is a diverse range of opportunities for students to develop their leadership skills and discover their strengths.

For a start, there are many platforms for students to take up leadership roles. Within the Class Committee, students can be elected to be the Chairperson, Treasurer, Citizenship Ambassador, Eco Champion, Peer Support Leader, Physical Health Champion or Aesthetic Advocate. Beyond the classroom, students can serve as Temasek Ambassadors, Student Councillors, or in the CCA Executive Committee.

Every student will participate in school-based and community-based leadership activities such as the Values-in-Action (VIA) projects. All students will attend The Leadership Challenge training modules and engagement sessions with thought leaders through our flagship programme, Insight Outsight: TJC Alumni Leadership Speaker Series. The Temasek Leadership Showdown (TLS) and Defy Camp are two programmes unique to TJC. Organised by TJC student leaders, TLS is a nation-wide student leadership competition which aims to engage young leaders in core social issues, while Defy Camp aims to maximise students' leadership potential with opportunities for self-directed learners to cultivate a spirit of adventure and be socially responsible citizens.

In the Mazarin Community Leadership Programme, selected students will lead in projects which enable them to deepen their understanding of social issues and learn to take action. In Temasek Overseas Outreach Programme (TOOP), student leaders plan and organise their trips and apply the service learning model to meet the needs of beneficiaries. In addition, the Overseas Leadership Immersion Programme takes selected student leaders to a regional country to gain leadership insights through interaction with key industry leaders. As it was not possible to carry out overseas programmes in 2021 due to travel restrictions imposed by the pandemic, TJC organised the International Student Leadership Congress. The Congress is a virtual event that allows participants from different countries to learn from various industry leaders and gained new perspectives on leadership. TJC has also established partnerships with reputable local and overseas institutions to broaden and deepen our students' learning. These programmes include the Humanities Trip, MEP Study Trip, MOE Taiwan Exchange Programme, JC LEP Taiwan Immersion Programme and JC LEP China Immersion Programme.

The Talent Development Programme is a pinnacle leadership programme. Students on the programme will be exposed to opportunities to build their portfolio with a focus on the 21st Century competencies and outcomes. Students will receive mentoring opportunities and customised training in interview and personal statements writing skills, in preparation for a wide range of post-JC scholarship opportunities.

Education and Career Guidance and Temasek Internship Programme
TJC has a comprehensive Education and Career Guidance (ECG) curriculum. The University, Scholarship and Placement Office (USPO) prepares students for higher education and careers, and to stand them in good stead for choice university courses and scholarships. TJC organises the annual Careers, Scholarships and Higher Education (CSHE) Fair, which consists of career talks and an exhibition with participating organisations from both public and private sectors. In addition, through the Temasek Internship Programme, TJC students have the opportunity to immerse themselves in their areas of career interests and be better informed of higher education choices.

Scholarships and Awards:
TJC Academic Excellence Scholarship (TJCAES)
The TJCAES is awarded to students (Singapore Citizens and Singapore PRs only) who join us with GCE O-Level results of raw score of L1R5 = 6. It comes with a monetary award and a place in the Talent Development Programme.

TJC Academic Merit Award (TJCAMA)
The TJCAMA is awarded to students (Singapore Citizens and Singapore PRs only) who join us with GCE O-Level results of raw score of L1R5 = 7. It comes with a monetary award and a place in the Talent Development Programme.

TJC Xcel Scholarships
The TJC Xcel Scholarships are awarded to outstanding students in the areas of sports and the performing arts. It comes with a monetary award and a place in the Talent Development Programme.

The Arts Book Award
The Arts Book Award (JC1) is automatically awarded, on top of the TJC Academic Merit Award, to students who attain L1R5 7 points or better at the GCE O-Level, and apply to the Arts stream. Awardees must offer four H2 subjects of which three must comprise: Economics, Literature, History or Geography, Chinese Language and Literature, Music or Art. It comes with a monetary award.

These scholarships and awards recognise students with good conduct, academic excellence, co-curricular achievements and outstanding leadership qualities. Please visit our website for a full list of awards and scholarships available to all JC students.

School Code **0706**

VICTORIA JUNIOR COLLEGE

Course Code (Arts) **33A**

Course Code (Science) **33S**

20 Marine Vista S(449035)
Tel: 64485011 Fax: 64438337
School Website : ***victoriajc.moe.edu.sg***

Bus Services	:	13, 16, 31, 36, 43, 48, 55, 135, 196, 197
Nearest MRT Station	:	Kembangan, Eunos
School Vision	:	Victoria is Something More: Lead. Serve. Excel.
School Mission	:	To ignite the imagination of all Victorians to create the future with conviction, courage and compassion
Type of School	:	Government/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Victoria School
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 4 to 8 Science : 2 to 7

Applicants are encouraged to look up on the subject combinations offered in the Arts and Science courses, and the prior knowledge required to offer these subjects at the school website.

Subjects Offered :

H1 Subjects

Biology, Chemistry, Chinese Language, Economics, English Literature, General Paper, Geography, Malay Language, Mathematics, Physics, Project Work, Tamil Language

H2 Subjects

Art, Biology, Chemistry, Computing, China Studies in English, Chinese Language & Literature, Economics, English Literature, Further Mathematics, Geography, History, Mathematics, Physics, Tamil Language & Literature, Theatre Studies & Drama

H3 Subjects

Biology, Chemistry, Economics, English Literature, Geography, History, Mathematics, NUS-A*STAR-VJC Science Research, Physics

CCA Offered

Sports & Games	:	Badminton, Basketball, Cricket, Cross Country, Floorball, Football, Hockey, Netball, Rock-climbing, Sailing, Swimming, Table Tennis, Taekwondo, Tennis, Track & Field, Volleyball, Wushu
Performing Arts	:	Chinese Orchestra, Choir, Dance Club, Drama, Guitar Ensemble, Harmonica Band, String Ensemble, Symphonic Band
Clubs & Societies	:	Art Club, Astronomy Club, Chinese Society, Debating Society, Earth Watch, iGlobe (Global Affairs Society), Indian Cultural Society, Interact Club, Malay Cultural Society, Mathematics Society, Medical Society, Outdoor Activities Club, PA Crew, Photography Society, Robotics and Makers Club, Science Society, Strategic Games Club, Student Interest Groups, StudioV, VEconomist, Writers' Circle
Leadership	:	Students' Council

Special Programmes Offered

MOE Programmes :

1. NUS-A*STAR-VJC Science Research
2. Humanities Scholarship and Programme (HSP)
3. Drama Elective Programme (DEP)
4. Regional Studies Programme (RSP)
5. Engineering and Tech Programme and Scholarship (ETPS)
6. Integrated Programme

School-based Programmes :

1. Victoria Science, Mathematics and Research Talent (VSMART) Programme
2. Olympiad Training Programme
3. Talent Development, Scholarship and Mentoring Programme
4. Higher Education Guidance Programme
5. Career Guidance and Work Attachment Programme
6. Student Leadership Programme
7. Beyond Borders Programme
8. Aesthetics Programme
9. Active Citizenry Programme

Other School Features

Victoria Junior College (VJC) was established in 1984, and is distinguished by its vibrant school culture, unflagging college spirit and strong camaraderie forged through a multitude of shared experiences. As a Victorian, expect to be engaged in learning that develops your talent, character and leadership. Just as importantly, you will forge strong friendships and create memories that will last well beyond your school years.

If there is one line you will hear from Victorians time and time again, it is this: we **work hard and play hard**. This phrase encapsulates the full commitment of Victorians to achieving excellence in all fields starting in the academics via niche offerings such as TSD, Humanities Programme & Scholarship, Science Research and Computing, and supported by our established Talent Development programme. VJC has a proven record in producing **outstanding A-Level results** – more than 200 students a year win tertiary scholarships, and our students are well represented at all local universities as well as prestigious overseas universities like Harvard, MIT, Cambridge, Oxford, Imperial College and the London School of Economics.

Beyond academic excellence and talent development, VJC has established a strong tradition of top-level performance in **Co-Curricular Activities**. In the 2022 National School Games, 18 sports teams achieved top 4 positions and among them, 11 were in the top 2. In the 2021 Singapore Youth Festival Arts Presentation, our Performing Arts groups attained a total of 7 Certificates of Distinction. Students in our Clubs and Societies similarly garner many distinctive awards while developing their personal interests or serving the College.

It is not in effort or excellence alone that you see or feel the **Victorian spirit**. It is present in our leadership programme which emphasises Personal, Community and Thought leadership; it is present in our Active Citizenry programme which engages all Victorians and inspires them to initiate their own projects for the betterment of the community; it is present in alumni reunions, parent initiatives, and our staff culture. It is very much heard and felt at events like the JC1 year-end ***Victorian Affair*** and the annual ***MusicFest***, ***Match Support***, and ***Concert Series***.

Truly, Victoria is Something More.

School Code **0716**

YISHUN INNOVA JUNIOR COLLEGE

Course Code (Arts) **42A**

Course Code (Science) **42S**

3 Yishun Ring Road S(768675)
Tel : 62579873 Fax: 62574373
School Website : ***yijc.moe.edu.sg***

Bus Services	:	167, 169, 171, 807, 812
Nearest MRT Stations	:	Yishun, Khatib
School Vision	:	A dynamic community of future-ready leaders and lifelong learners
School Mission	:	To nurture leaders and learners who are critical thinkers, effective collaborators and driven by purpose
Type of School	:	Government/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable
Net Aggregate range of 2022 JAE students posted to 2022 JC1	:	Arts : 9 to 19 Science : 7 to 19

Applicants should check the subject combinations offered in the Arts and Science courses and school-based criteria for subjects offered at ***yijc.moe.edu.sg/curriculum/subject-combination-n-eligibility.***

Subjects Offered :

H1 Subjects

Art, Biology, Chemistry, Chinese Language, Economics, General Paper, Geography, History, Literature in English, Malay Language, Mathematics, Physics, Project Work, Tamil Language

H2 Subjects

Art, Biology, Chemistry, China Studies in English, Chinese Language and Literature, Computing, Economics, Geography, History, Literature in English, Malay Language and Literature, Mathematics, Physics, Tamil Language and Literature

H3 Subjects

Biology, Chemistry, Economics, Geography, History, Literature in English, Mathematics, Malay Language and Literature, Physics

CCA Offered

Physical Sports	:	Badminton, Basketball, Floorball, Football, Ultimate Frisbee, Modular Sports, Netball, Table Tennis, Tennis, Tenpin Bowling, Track & Field/Cross-country, Volleyball
Visual and Performing Arts Groups	:	Art Club, Cultural and Aesthetics Club, Chinese Orchestra, Chorale, English Language Drama and Debating Society ELDDS (Drama), Modern Dance, Musicians' Club, Symphonic Band
Clubs & Societies	:	Class Leaders Council, English Language Drama and Debating Society ELDDS (Debate), Interact Club, Library Council, Makers' Academy, Outdoor Adventure Club, Strategy Club, Students' Council

Special Programmes Offered

MOE Programmes :

Malay Language Elective Programme

The Malay Language Elective Programme caters to students with an aptitude and a passion for Malay Language & Literature. Students in the programme attain a higher level of proficiency and a deeper understanding of the Malay language, literature and culture. The programme offers enrichment activities such as journalism courses and publication of literary works. Cultural and language seminars, literature camps and overseas immersion trips are key platforms for this programme. An education and career focus provides insights into relevant industries, thereby ensuring that students see the relevance of the Malay language and culture in the contemporary era. The programme also aims to develop cultural leaders within the Malay community, who are motivated to promote the Malay language and culture via service to the community. The Language Elective Scholarship for the study of Malay at H2 Level is offered by the Ministry of Education to encourage academically able and linguistically talented students to pursue the Malay language course at H2 Level under MLEP. Candidates will be shortlisted for the scholarship selection interview based on their GCE O-Level Examinations results.

Engineering and Tech Programme and Scholarship (ETPS)

The ETPS is offered by the Ministry of Education to encourage outstanding students with strong foundations in mathematics and science and inclination towards applied, interdisciplinary and hands-on learning to pursue further studies and careers in engineering & technology. Please see Annex C for more details.

School-based Programmes : Yishun Innova Junior College offers a range of developmental programmes to meet different student needs across the academic and co-curricular domains. We offer a suite of modules to orientate and better prepare students for the future. Collectively, these modules enable our students to learn about learning, and develop knowledge, skills and attitudes to meet challenges of the globalised world.

1 Digital Literacies Programme

As the Centre of Excellence for Digital Literacies, YIJC has a forward-looking Digital Literacies programme that prepares students for the digital future through a focus on human-digital interactions (Digital Anthropology) in three distinct domains - Digital Innovation, Citizenship, and Productivity. With a tiered approach that targets different interests and needs, we conduct in-house workshops, events and learning journeys that promote Digital Literacies for our students, as well as external webinars and competitions with strategic partners such as the Media Literacy Council (MLC). We aim to equip every student with not just the "hard" skills to utilise technology for digital innovation, contribute toward positive digital citizenship, and to effectively use digital productivity tools, but also with the "soft" skills that allow them a deeper understanding of the impact of technology on human existence.

Students who wish to delve deeper into digital literacies and the related technological competencies can also choose to join our Makers' Academy, a specialised CCA that hones media, computational and innovation skills. Makers' Academy students experience digital making, app development as well as photography and filmmaking, working with cutting-edge technology and equipment in our various specialised venues such as the CoLab.

2 Leadership Development Programme

The Student Leadership Development Programme aims to develop students to be leaders of, and for, the future. Adopting a structured leadership development approach of A-R-C (Assignments-Relationships-Courses), students are developed via a myriad of platforms over the two years at the college. Courses with a focus on leadership theories and philosophies provide deep understanding of leaders and leadership. Leadership assignments offer hands-on opportunities to develop leadership competencies through the programmes and activities of functional student groups. Mentorship by teachers (guided by the YIJC leadership developmental tool), ensures that the leadership journey is anchored on reflection and growth through authentic assessments of current realities to help students reach mastery and performance goals.

3 The Humanities Experience

All students who offer a Humanities subject either at H1 or H2 level will be immersed in a variety of experiential learning opportunities to help deepen their passion for the Humanities. Be it Art, China Studies in English, Geography or History, students will be engaged in activities that enable them to appreciate the real-world implications of their Humanities subjects. These activities will develop them to become thought leaders who are ready to shape the way their community thinks about the world around them. These valuable lessons are further augmented through immersive learning journeys, both local and overseas, where students are challenged to apply the cognitive and affective skills learnt in the classrooms to the current context of Singapore and the world.

4 The Science Programme

The Science Programme offers students meaningful and authentic learning opportunities to acquire knowledge and nurture an inquiring mind. It supports students' holistic development through a range of scientific activities, including hands-on experiments in and out of the laboratory, and research projects in partnership with tertiary institutions and research institutes. Our students have won accolades at Elementz and at the Singapore Science and Engineering Fair.

5 Talent Development Programme

The College recognises the potential of higher achieving students and supports their holistic development through our Talent Development Programme (TDP). Students who qualify for the programme will be given developmental and exposure opportunities in areas of leadership, citizenship, global awareness and education career guidance. TDP students will also get to attend interview, personal grooming and resume writing workshops to help prepare them for scholarship and university applications.

6 Internationalisation Programme

The Internationalisation Programme provides students with the opportunity to be immersed in vibrant overseas learning environments, and to play an active role in bettering the lives of others. Through their experiences on cultural immersion learning journeys, the Science Exchange and Values-In-Action programmes, our students develop cross-cultural competencies that enable them to navigate an increasingly interconnected world. They also build an awareness of global concerns that provide fresh insight into their academic pursuits and identity.

Scholarships and Bursaries : Scholarships and bursaries from the College, MOE and other external organisations are available to outstanding JC1 and JC2 students who excel in their academics and co-curricular activities, as well as those who demonstrate strong leadership qualities.

School Code **0908**

MILLENNIA INSTITUTE

Course Code (Arts) **43A**
Course Code (Commerce) **43C**
Course Code (Science) **43S**

60, Bukit Batok West Avenue 8 S(658965)
Tel: 63023700 Fax: 63023767
School Website : ***millenniainstitute.moe.edu.sg***

Bus Services	:	157, 174, 174e, 178, 506, 991, 941,160M
Nearest MRT Station	:	Bukit Batok - 15 minutes by foot
School Vision	:	A Forward-looking Community of Learners, Thinkers and Leaders
School Mission	:	Nurture Talents, Achieve Success The MI mission is to nurture our students to be grounded on the core values of INTEGRITY, RESILIENCE, RESPECT and RESPONSIBILITY, so that they can succeed as contributing members of society. This is done, in partnership with our stakeholders, by providing a variety of programmes and opportunities to students to have a broad-based learning experience and the space to pursue their passion and interests.
Type of School	:	Government/Mixed/Full Day
Mother Tongue	:	Chinese/Malay/Tamil
Bonus Points given for Affiliated Schools	:	Not Applicable

Net Aggregate range of 2022 JAE students posted to 2022 MI1 :

Arts	:	6	to	20
Commerce	:	9	to	20
Science	:	8	to	18

Applicants should check the subject combinations offered in the Arts, Science and Commerce courses and school-based criteria for subjects offered at ***millenniainstitute.moe.edu.sg/admission.***

Subjects Offered :

H1 Subjects

Compulsory H1 : General Paper, Project Work, Mother Tongue Languages

H1 Content-Based Subjects : Biology, Chemistry, Economics, Geography, History, Literature in English, Mathematics, Physics

H2 Subjects

Art, Biology, Chemistry, Economics, Geography, History, Literature in English, Management of Business, Mathematics, Mother Tongue Languages, Physics, Principles of Accounting

H3 Subjects (with MOE Partners)

Biology, Economics, Geography, History, Physics

CCA Offered

Sports & Games	:	Badminton, Basketball, Cross Country & Track, Football, Hockey, Netball
Uniformed Groups	:	Not Applicable
Performing Arts	:	Angklung Kulintang Ensemble, Dance, Drama
Clubs & Societies	:	Art Club, Entrepreneurship Club, New Media Club, Chinese Cultural Society, ELDDS, Malay Cultural Society, Indian Cultural Society, Youth Diplomats Society, Student Council, Service Learning Club
Others	:	In line with the institute's strategic thrust to develop leadership qualities, the institute supports student-initiated CCAs

Special Programmes Offered

MOE Programmes : Engineering and Tech Programme and Scholarship (ETPS)

School-based Programmes :

- **Learners** - To achieve academic excellence to gain admission to the local autonomous universities and develop a positive mindset for life-long learning. Key programmes include SkillsFuture to motivate and equip students with growth mindset and Design Thinking skills and Gap Week to empower students to plan their own holistic development in non-academic areas.
- **Thinkers** – To develop future-ready, critical and inventive thinkers. Key programmes include SkillsFuture and Design Thinking.
- **Leaders** – To develop leaders of character and values and promote activism for social/environmental causes in Singapore and beyond. Key programmes include leadership training, Students Initiated Projects, MI.WORLD trips, talent development, service learning and establishing strategic alliances with the wider community.

2 Polytechnics & Institute of Technical Education

2.1 You should read the prospectuses from the polytechnics and ITE before you opt for any courses conducted by these institutions. The prospectuses will tell you all that you need to know about the courses offered by the institutions, the fees you will have to pay, the rules and regulations you have to comply with and other useful information. You may refer to the prospectuses at your school's library or obtain them from the institutions as follows:

S/No.	Institution	Contact Number & Internet Address	Prospectus
1.	**ITE College Central** 2 Ang Mo Kio Drive Singapore 567720	6590-2211 ***www.ite.edu.sg***	Admission Booklet obtainable at any of these ITE Colleges (free-of-charge) or access the April intake Admission Booklet and Prospectus online at ***www.ite.edu.sg***
2.	**ITE College East** 10 Simei Avenue Singapore 486047	6590-2262 ***www.ite.edu.sg***	
3.	**ITE College West** 1 Choa Chu Kang Grove Singapore 688236	6590-2628 ***www.ite.edu.sg***	
4.	**Nanyang Polytechnic** 180 Ang Mo Kio Avenue 8 Singapore 569830	6451-5115 ***www.nyp.edu.sg***	Access course information online at ***for.edu.sg/nyp-courses-info***
5.	**Ngee Ann Polytechnic** 535 Clementi Road Singapore 599489	6463-1233 ***www.np.edu.sg***	Access the prospectus online at ***www.np.edu.sg/prospectus***
6.	**Republic Polytechnic** 9 Woodlands Avenue 9 Singapore 738964	6510-3000 ***www.rp.edu.sg***	Access course information online at ***www.rp.edu.sg/schools-courses/courses***
7.	**Singapore Polytechnic** 500 Dover Road Singapore 139651	6775-1133 ***www.sp.edu.sg***	Access course information online at ***www.sp.edu.sg/course-info***
8.	**Temasek Polytechnic** 21 Tampines Ave 1 Singapore 529757	6788-2000 ***www.tp.edu.sg***	Access the prospectus online at ***www.tp.edu.sg/prospectus***

2.2 The contact details for Financial Assistance Schemes and SEN Support available in the polytechnics and ITE can be found below:

S/No.	Institution	Financial Assistance Contact Information	SEN Support Contact Information
1.	**ITE College Central**	1800-222-2111 ***www.ite.edu.sg/admissions/scholarships-awards-and-bursaries***	8182-7371 whatsup@ite.edu.sg ***www.ite.edu.sg/life-at-ite/student-services/learning-accessibility***
2.	**ITE College East**		6544-9287 dear_ce_counsellor@ite.edu.sg ***www.ite.edu.sg/life-at-ite/student-services/learning-accessibility***
3.	**ITE College West**		6590-2628 cw.studentcare@ite.edu.sg ***www.ite.edu.sg/life-at-ite/student-services/learning-accessibility***
4.	**Nanyang Polytechnic**	6451-5115 ***www.nyp.edu.sg/admissions/full-time-diploma/financial-matters-financial-assistance.html***	6550-1988 / 6550-0379 NYP_SNS@nyp.edu.sg ***www.nyp.edu.sg/about-nyp/nyp-support-centre-and-services/student-support/special-education-needs-unit.html***
5.	**Ngee Ann Polytechnic**	6466-6555 ***www.np.edu.sg/admissions/Pages/aid.aspx***	6460-6380 sen-support@np.edu.sg ***www.np.edu.sg/pages/sen.aspx***
6.	**Republic Polytechnic**	6510-3000 ***www.rp.edu.sg/financial-assistance***	6510-3000 help-SEN@rp.edu.sg ***www.rp.edu.sg/student-care/special-educational-needs***
7.	**Singapore Polytechnic**	6775-1133 ***www.sp.edu.sg/sp/student-services/osc-overview/student-support/financial-assistance/overview***	6775-1133 contactus@sp.edu.sg ***www.sp.edu.sg/sp/student-services/osc-overview/student-support/pastoral-care/special-education-needs***
8.	**Temasek Polytechnic**	6788-2000 ***www.tp.edu.sg/fees-and-financial-matters/financial-assistance-schemes***	6780-5959 care@tp.edu.sg ***www.tp.edu.sg/life-at-tp/special-educational-needs-sen-support.html***

3 Other Post-Secondary Educational Institutions

3.1 LASALLE College of the Arts (LASALLE) and Nanyang Academy of Fine Arts (NAFA) are Private Education Institutions that offer courses in visual arts, performing arts and other related fields. Eligible students admitted to diploma courses at both institutions may receive MOE subsidies. Interested applicants should apply to the institutions directly.

3.2 LASALLE College of the Arts

Founded in 1984, LASALLE's programmes emphasise contemporary practice in the creative arts. It delivers degree programmes validated by Goldsmiths College, University of London, as well as the following full-time diploma courses:

FACULTY	PROGRAMMES
Design	Diploma in Design for Communication and Experiences
	Diploma in Creative Direction for Fashion
	Diploma in Interior Design
Fine Arts, Media and Creative Industries	Diploma in Fine Arts
	Diploma in Animation
	Diploma in Broadcast Media
Performing Arts	Diploma in Audio Production
	Diploma in Dance
	Diploma in Music
	Diploma in Performance
	Diploma in Theatre Production and Management

Eligible candidates can apply for the MOE Tuition Grant (TG) scheme for diploma studies at LASALLE.

3.2.1 Admissions Criteria for Diploma Courses

- **Singapore-Cambridge GCE O-Level** – Aggregate score of 25 points or better in 4 GCE O-Level subjects, excluding English.
- **English Language Proficiency** – A pass in English at Grade C6 or better. Alternative English qualification: IELTS 5.5, TOEFL iBT 71 or PTE Academic 42.
- **Singapore Integrated Programme** – Completed IP Year 4

3.2.2 Admissions Test/Portfolio Submission/Audition, and Interview

Upon presenting the above qualifications, all Visual Arts (Design, Fine Arts, Media and Creative Industries) applicants will be required to take an Admissions Test or submit a portfolio to demonstrate their creative potential. Performing Arts applicants will be assessed through an audition where applicants will showcase their talent and creative potential in their chosen discipline. For Diploma in Audio Production and Diploma in Music, applicants are required to complete an online music theory and aural test set by the School of Contemporary Music.

3.2.3 Programme Enquiries

For more information on LASALLE's programmes and admission requirements, please contact:

LASALLE College of the Arts
1 McNally Street
Singapore 187940

Hotline: 6496 5111
Email: ***admissions@lasalle.edu.sg***
Website: ***www.lasalle.edu.sg***

3.3 Nanyang Academy of Fine Arts

NAFA
NANYANG ACADEMY OF FINE ARTS

Established in 1938, NAFA is Singapore's pioneer arts institution. It emphasises contemporary creative arts practices which leverage on traditions and cultural heritage. It also delivers degree programmes in partnership with overseas universities. NAFA offers the following full-time diploma courses:

Programmes	Course
School of Art & Design	
3D Design	Diploma in Design (Furniture and Spatial)
	Diploma in Design (Interior and Exhibition)
	Diploma in Design (Landscape and Architecture)
	Diploma in Design (Object and Jewellery)
Design and Media	Diploma in Advertising
	Diploma in Graphic Communication
	Diploma in Illustration Design With Animation
	Diploma in Screen Media
Fashion Studies	Diploma in Fashion Design
	Diploma in Fashion Business and Management
Fine Art	Diploma in Fine Art
	Diploma in Art Teaching
School of Arts Management, Dance & Theatre	
Arts Management	Diploma in Arts Management
Dance	Diploma in Dance
Theatre	Diploma in Theatre (English Drama)
	Diploma in Theatre (Mandarin Drama)
School of Music	
Music	Diploma in Music
	Diploma in Music Teaching

Eligible candidates can apply for the MOE Tuition Grant (TG) scheme for diploma studies at NAFA.

3.3.1 Admissions Criteria for Diploma Courses

Minimum educational qualifications required for entry into NAFA's diploma courses:

- **Singapore-Cambridge GCE O-Level** – 25 points or better in 4 GCE O-Level subjects, excluding English. Applicants who are active in CCA at their Secondary Schools may gain up to 2 CCA points. The CCA points can be used to improve their Education Qualification aggregate score for admission consideration.

- **English Language Proficiency** – Grade D7 or higher in GCE O-Level English for Dance and Music courses, and Grade C6 or higher for all other courses. Alternative requirement of IELTS 4 or TOEFL iBT 40 for Dance and Music courses, and IELTS 5 or TOEFL iBT 50 for all other courses.

- **Singapore Integrated Programme (IP)** – Successful completion of IP Year 4 or higher

Other criteria considered for admissions:

- **Special Factors** – Recognition is accorded for prior achievements in areas relevant to intended studies.

3.3.2 Admissions Test/Portfolio Submission/Audition and Interview

All applicants are to demonstrate their artistic potential through an admission test or portfolio submission for Visual & Applied Arts courses i.e. Design, Fine Arts and Media Arts courses, or an audition for Performing Arts courses. Selected applicants may be asked to attend an interview.

3.3.3 Programme Enquiries

For more information on NAFA's full range of courses and admission requirements, please contact the Student Admissions Office:

Nanyang Academy of Fine Arts
80 Bencoolen Street
Singapore 189655

Tel: 6512 4071

Email: ***admissions@nafa.edu.sg***
Website: ***www.nafa.edu.sg***

SINGAPORE ARMED FORCES (SAF) POLYTECHNIC SPONSORSHIP

ANNEX E

1 Sponsorship of Courses

1.1 The Singapore Armed Forces (SAF) is offering sponsorships to GCE O-Level school leavers who would like to pursue a 3-year full-time Diploma course at Nanyang Polytechnic (NYP), Ngee Ann Polytechnic (NP), Republic Polytechnic (RP), Singapore Polytechnic (SP) or Temasek Polytechnic (TP). The courses available for sponsorship in each Service are as follows:

SERVICE		
ARMY	**NAVY**	**AIR FORCE**
All courses are available for sponsorship.	All Marine, Mechanical, Electrical and Electronics relevant engineering courses, and selected IT courses are available for sponsorship.	All Aeronautical, Aerospace, Computer, Electronics, Electrical, Data Analytics, Info-Tech, Mechanical and Mechatronics related engineering / IT courses are available for sponsorship.

2 Eligibility

2.1 Academic Requirements

2.1.1 The academic requirements for the above courses are the same as those stated in this booklet for the respective Polytechnics.

2.2 Other Requirements

2.2.1 Applicants must:

a. be Singapore Citizens (PR must be citizen upon contract signing);
b. be physically and medically fit;
c. currently a Polytechnic student or have secured a place at a local Polytechnic.

2.2.2 Selection for admission is based on merit and shall be at the sole discretion of the respective Polytechnics.

3 Terms of Service and Benefits

3.1 Applicants can choose to serve in the Army, Navy or Air Force as a Specialist or Military Expert, subject to meeting the entry requirement of the respective vocations.

3.2 Successful applicants will serve a minimum of 5 years for males (inclusive of full-time NS) and 4 years for females.

3.3 Tuition and other compulsory fees required by the Polytechnic will be paid by the SAF. If the applicant joined the SAF during the course of studies in Polytechnic, pro-rated allowance and fees depending on the year of award will be reimbursed.

3.4 A monthly allowance of between $1,000 and $1,300 will be paid throughout the 3-year course at the Polytechnic. A study bonus of $1,200 is payable upon passing all courses in each semester at the first attempt.

4 Career Prospects

	SAF POLYTECHNIC SPONSORSHIP (EWOS)
ARMY	4.1 Army Warrant Officer or Specialist As an Army Warrant Officer or Specialist, you are the backbone of Our Army's operational and training capabilities, responsible for the morale, regimentation and discipline of our troops and units. Experts in direct leadership, tactical war-fighting and front-end training supervision, you will be groomed to excel as leaders and commanders "on the ground" in today's complex and unpredictable operating environment. You will be deployed in either a Combat vocation or a Combat Service Support vocation.

	SAF POLYTECHNIC SPONSORSHIP (MDES)
ARMY	4.2 Military Domain Expert As a Military Domain Expert, you will be groomed to deepen your expertise in technical and other selected military areas of specialisation. The specialisation areas available are Intelligence, Engineering, Music and Medical. You can look forward to comprehensive development courses and academic upgrading opportunities. You will gain a competitive edge over your counterparts in the private sector, with the handling of advanced defence technology and vast exposure through local and overseas training opportunities.
NAVY	4.3 Naval Warfare System Expert (Electronics) As a Naval Warfare System Expert (Electronics), you are responsible for ensuring that our ships are combat-ready at all times – ready to be aided by our naval combat, communications and navigation technologies. Depending on your domain expertise, you will be trained to operate navigation, communication, underwater warfare, command and control, or weapon systems. You will maintain key systems that give our warships superiority at sea. 4.4 Naval Warfare System Expert (Electrical & Control Systems) Every ship is powered by an electrical system that enables the ship and its systems to function effectively and efficiently. In this role, your skills and knowledge will put you in charge of this system. You also ensure that power to crucial combat systems such as communications, radar sonar, navigation equipment, combat data control and the weapons suite remain uninterrupted. 4.5 Naval Warfare System Expert (Marine Systems) As a Marine Systems Expert, you are responsible for a wide range of equipment that keeps the ship running. These are critical to the ship's survivability and encompass the propulsion systems, air conditioning and ventilation systems, fresh water plants and pollution control systems.
AIR FORCE	4.6 Air Force Engineer (Maintenance) Achieving mission success depends on the big picture and the smallest details. As an Air Force Engineer (Maintenance) or Air Force Technician, you will have access to the latest aviation and weapons technology, and be responsible for maintaining our aircraft and weapon systems. Your specialisation in fields such as Aerospace, Electrical and Electronics, Computer or Mechanical Engineering will allow you to contribute effectively to any maintenance operation. Hone your drive for meticulousness, and help safeguard our Nation's peace. 4.7 Air Operations & Systems Expert For a mission to be seamlessly executed, many moving parts need to be integrated with pinpoint precision. As an Air Operations and Systems Expert, you make all this possible. With your knowledge of air operations and technical expertise, you operate and sustain the RSAF's sophisticated command and control systems, advanced sensors, state-of-the-art networks and cyber defences that are critical to the RSAF's mission success.

5 Career Advancement

5.1 Upon completion of your studies, you will develop knowledge and skills that will help you gain the confidence to overcome any challenge and grow as a person. You will go places and broaden your horizons through participation in both local and overseas training and missions. You will have various opportunities for continuing education. Military personnel with good performance can qualify for a degree sponsorship.

6 Application Procedure

6.1 Applicants can apply PERSONALLY after the release of the GCE O-Level examination results at:

SAF Careers Centre
3 Depot Road #01-66
Singapore 109680

Alternatively, applicants can visit online applications at the following:

Army	:	***www.armycareers.gov.sg***
Navy	:	***www.navycareers.gov.sg***
Air Force	:	***www.mindef.gov.sg/rsaf/careers***

6.2 All applications to this Scheme are independent of those applied through the Ministry of Education's Joint Admissions Exercise (JAE). You are therefore advised to apply for courses under the JAE in addition to your application to the SAF Careers Centre. For enquiries, please contact the SAF Careers Centre at the following telephone numbers:

Army	:	1800 - 6872769
Navy	:	1800 - 2780000
Air Force	:	1800 - 2701010

7 Conclusion

7.1 In summary, the SAF Polytechnic Sponsorship allows you to study for a Diploma of your choice and be financially independent at the same time. And once you obtain your diploma, your future is secured with an exciting and challenging career awaiting you in the Singapore Armed Forces.

HOME TEAM DIPLOMA/ITE SPONSORSHIP

ANNEX F

1 Sponsorship of Courses

1.1 The Home Team Diploma Sponsorship sponsors successful applicants for a 3-year full-time diploma course in any of the 5 local polytechnics.

1.2 The Home Team ITE Sponsorship sponsors successful *Higher Nitec* applicants for their education in the ITE.

1.3 Upon graduation, successful recipients of Home Team Diploma Sponsorship and Home Team ITE Sponsorship have a choice of pursuing a career with one of the following Home Team Departments:

1.3.1 Central Narcotics Bureau (CNB)
1.3.2 Immigration & Checkpoints Authority (ICA)
1.3.3 Singapore Civil Defence Force (SCDF)
1.3.4 Singapore Police Force (SPF)
1.3.5 Singapore Prison Service (SPS)

2 What the Home Team Diploma Sponsorship Offers

2.1 There are 2 tiers to the Home Team Diploma Sponsorship:

2.1.1 Home Team Diploma Sponsorship (Merit)
2.1.2 Home Team Diploma Sponsorship (Study)

2.2 The Home Team Diploma Sponsorship (Merit) offers:

2.2.1 A monthly allowance of $1,300 during the Period of Study;
2.2.2 Payment of approved tuition and compulsory fees; and
2.2.3 Study bonus of $1,200 per semester if the student passes all modules in that semester.

2.3 The Home Team Diploma Sponsorship (Study) offers:

2.3.1 A monthly allowance of $1,000 during the Period of Study;
2.3.2 Payment of approved tuition and compulsory fees; and
2.3.3 Study bonus of $1,200 per semester if the student passes all modules in that semester.

3 What the Home Team ITE Sponsorship Offers

3.1 A monthly allowance of $750; and

3.2 Payment of approved tuition and compulsory fees.

4 Eligibility Criteria for Home Team Diploma/ITE Sponsorships

4.1 Singapore Citizen;

4.2 Have good O-Level/*Nitec*/*Higher Nitec* results;

4.3 Existing Polytechnic or *Higher Nitec* students;

4.4 Medically and physically fit, with at least a ‘pass’ in NAPFA; and

4.5 Have a strong interest in Home Team careers.

5 Entry Rank Upon Graduation

5.1 Upon graduation, recipients will be appointed to the Scheme of Service at the prevailing entry rank and starting salary which can be found at ***www.mha.gov.sg/careers/uniformed-careers***.

6 Bond

6.1 Home Team Diploma Sponsorship recipients will be required to fulfil a bond of **4 years**.

6.2 Home Team ITE sponsorship recipients will be required to fulfil a bond of **2 years for 1-year course (or if the application is made in *Higher Nitec* Year 2) or 3 years bond for a 2 year course**. For a Home Team ITE sponsorship recipient who later qualifies for a place in a local Polytechnic and receives the Home Team Diploma Sponsorship, the recipient would have his overall bond period for both awards capped at 6 years.

7 National Service Liability

7.1 Male recipients who have yet to serve their NS may choose 1 of the 5 departments of their choice. Those who choose SPF or SCDF will be required to serve the organizations as regular officers for a period of 5 years under the Minimum Term of Engagement (MTE) in order to be deemed as having completed their NS obligations. The Home Team sponsorship bond period will run concurrently with the 5-year MTE period.

7.2 Male recipients who choose to join CNB, ICA or SPS will be required to serve out their NS obligations first before commencing their Home Team sponsorship bond with the Home Team Department of their choice.

8 Application Procedure

8.1 Interested applicants may apply online at the following URL:

8.1.1 Home Team Diploma Sponsorship ***www.mha.gov.sg/careers/sponsorships/home-team-diploma-sponsorship***

8.1.2 Home Team ITE Sponsorship ***www.mha.gov.sg/careers/sponsorships/home-team-ite-sponsorship***

8.2 The application window for Home Team Diploma Sponsorship and Home Team ITE Sponsorship is from 1 October 2023 to 15 November 2023.

8.3 Interested applicants who have queries or require further clarifications may visit our website at ***www.mha.gov.sg/careers/sponsorships*** or email us at ***mha_htsc@mha.gov.sg***.

9 Summary

9.1 As a member of the Home Team, successful applicants will have the unique opportunity to serve the community, and deal with real-life safety and security challenges facing Singapore. The Home Team is committed to providing you with good career growth and advancement opportunities. After a few years with us, you may look forward to degree sponsorship opportunities to support your academic upgrading aspirations.

EARLY CHILDHOOD DEVELOPMENT AGENCY TRAINING AWARD AT POLYTECHNIC AND ITE

ANNEX G

1 Sponsorship of Courses

1.1 The Early Childhood Development Agency (ECDA) Training Award for the National Institute of Early Childhood Development (NIEC) courses at polytechnic and ITE campuses is open to students undergoing the following courses:

Campus[1]	Course	Year of Study
NIEC (NP)	Early Childhood Development & Education (ECDE)	1, 2, 3
	Tamil Studies with Early Education (TSE)	
	Chinese Studies (Early Childhood Teaching Track) [CHS (ECT)]	2, 3
NIEC (TP)	Early Childhood Development & Education (ECDE)	1, 2, 3
NIEC (ITE)	Early Childhood Education (ECE)	1, 2

2 Benefits of ECDA Training Award (ITE/Polytechnic)

2.1 The ECDA Training Award (ITE/Polytechnic) provides the following key support:

ECDA Training Award (ITE)	ECDA Training Award (Polytechnic)
• One-off Learning Resource Grant of $1,000 for study-related expenses • Monthly study allowance of $500	• One-off Learning Resource Grant of $1,050 for study-related expenses • Monthly study allowance of $800
• Full course sponsorship of fees, capped at fees payable by Singapore Citizens • Professional Development Grant, capped at $1,000 per academic year, given on a reimbursement basis • Other professional development and networking opportunities provided by ECDA	

[1] *NIEC (NP) refers to the National Institute of Early Childhood Development (Ngee Ann Polytechnic) campus, NIEC (TP) refers to the National Institute of Early Childhood Development (Temasek Polytechnic) campus, NIEC (ITE) refers to the National Institute of Early Childhood Development (Institute of Technical Education, College Central) campus.*

3 Eligibility Criteria of ECDA Training Award

3.1 Candidates for the ECDA Training Award should meet the following requirements:

ECDA Training Award (ITE)	ECDA Training Award (Polytechnic)
• First or second year student in a full-time *Higher Nitec* in Early Childhood Education at NIEC (ITE) with endorsement from their teachers	• First, second or third year student in a full-time ECDE diploma course at either NIEC (NP) or NIEC (TP) • First, second or third year student in a full-time TSE diploma course at NIEC (NP) • Second or third year student in a full-time CHS (ECT) diploma course at NIEC (NP)
• Singapore Citizen or Permanent Resident. • Not concurrently hold or be serving out their bond for any scholarship, bursary or funding. • Keen to start their career in the early childhood sector immediately after graduation.	

4 Conditions of ECDA Training Award

4.1 Successful applicants will have to sign an agreement with ECDA. Award recipients are required to complete the course successfully according to the following requirements:

	ECDA Training Award (ITE)	ECDA Training Award (Polytechnic)
Complete the course within a maximum duration of	24 months	36 months
Bond period (Upon completion of course)	Fulfil a year's bond to the Early Childhood sector (ECDA-registered/licensed pre-school or MOE Kindergarten) for every year of support received	
Other conditions	Successfully complete and fulfil all academic conditions required by NIEC (NP/TP/ITE)	

5 How to Apply

5.1 Application for the ECDA Training Award is open to Year 1, 2 and 3 students at NIEC (NP/TP) campuses, and Year 1 and 2 students at NIEC (ITE) campus. Interested students may find out more about the application and selection processes from their lecturers at their respective campus at the start of the academic year.

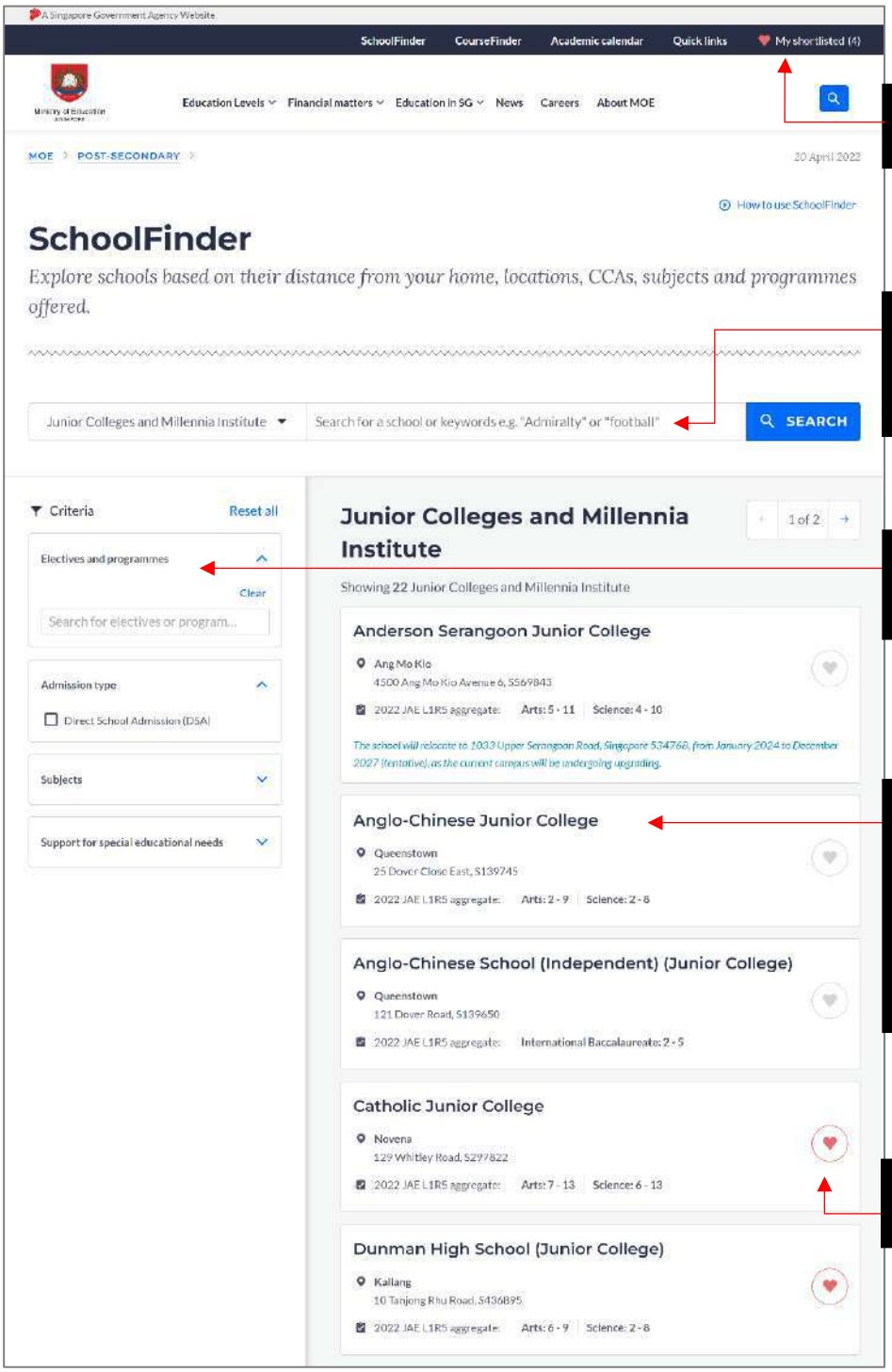
5.2 Interested applicants who have queries or require further clarifications may visit our website at ***www.ecda.gov.sg/Pages/ecda-scholarships-and-training-awards.aspx*** or email ***ECDA_PP@ecda.gov.sg***.

GUIDE TO SCHOOLFINDER AND COURSEFINDER

ANNEX H

1 SchoolFinder

The SchoolFinder (***www.moe.gov.sg/schoolfinder***) is an online tool that allows you to explore and shortlist schools based on their locations, CCAs, subjects and programmes offered.



View your shortlisted schools.

You can use the search bar to explore schools by name, residential area or CCA.

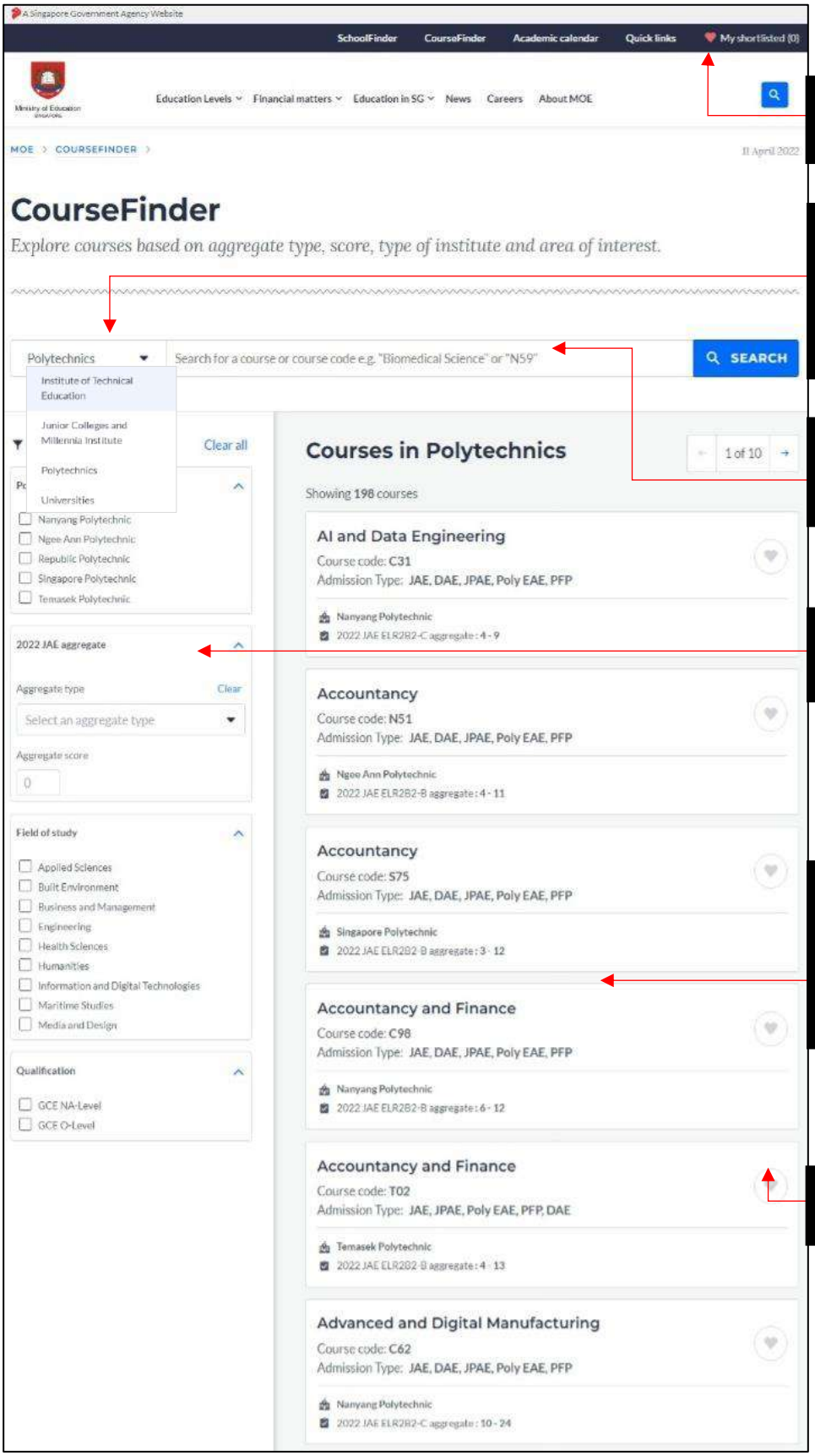
There are also various filters to help you narrow your search.

Select the school card to view information such as subjects offered, electives and programmes, CCAs, location and contact details.

Select the heart to shortlist the school.

2 CourseFinder

The CourseFinder (***www.moe.gov.sg/coursefinder***) is an online tool that allows you to explore and shortlist courses offered by polytechnics and Institute of Technical Education (ITE) based on aggregate types and scores, and fields of study.



View your shortlisted courses.

Select "Polytechnics" or "Institute of Technical Education" from the dropdown menu to explore the relevant courses.

You can search for courses by name or course code.

There are also various filters to help you narrow your search.

Select the course card to view information such as the minimum entry requirement, course modules and career prospects.

Select the heart to shortlist the course.

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www.moe.gov.sg/jae
Customer Service Centre Tel. No.: 6872 2220
Address: 1 North Buona Vista Drive S(138675)

ISSN 0217-3980