

JOINT ADMISSIONS EXERCISE 2019

Information for Candidates

Seeking Admission to:

Junior Colleges

Millennia Institute

Polytechnics

Institute of Technical Education



Joint Admissions Exercise 2019

This information booklet is for students seeking admission to Junior Colleges, Millennia Institute, Polytechnics and Institute of Technical Education in 2019. This information is also available on the JAE website at ***www.moe.gov.sg/admissions/joint-admissions-exercise***.

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

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*Produced by:
Ministry of Education
Singapore
Published September 2018*

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To be completed by Parent/ Guardian* :

Name of Candidate	:	_____
NRIC no./FIN*	:	_____
Contact No.	:	_____



Ministry of Education
SINGAPORE

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 to Ministry of Education, Customer Service Centre (MOE-CSC).

This form may take you 5 minutes to fill in. Please take note of the following points when you fill in the form.

Important Notes:

- 1) The appointed proxy must be aged 21 and above.
- 2) The appointed proxy is required to bring the completed proxy form and relevant supporting documents as listed below to the school/MOE-CSC during JAE registration period. The supporting documents are:
 - Parents' / guardian's original NRIC
 - Candidate's original NRIC or Birth Certificate or Student Pass or Passport
 - Candidate's original Singapore-Cambridge GCE 'O' level Certificate(s) or Results Slip(s)
 - Candidate's original CCA Certificate(s)

The appointed proxy is required to produce his/her original NRIC at the school/MOE-CSC during JAE registration period.

To: Ministry of Education,

I, parent/guardian of _____ (Candidate's Name),

_____ (NRIC no./FIN*), would like to appoint Mr/Mrs/Mdm/Miss*

_____ (Proxy's Name), _____ (NRIC

no.) to be my child/ward's proxy to:

		Delete where not applicable*	
1	Collect GCE 'O' Level Examination results slip, Form A and other relevant documents on my behalf**	Yes	No
2	Submit the completed JAE Worksheet on my behalf	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 by post

WORKSHEET

2019 JAE

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

JOINT ADMISSIONS EXERCISE REGISTRATION

(A) Personal Particulars

Please write 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.

(B) Course Preference

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

You are 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	Choice Order	Course Code
1 st		7 th	
2 nd		8 th	
3 rd		9 th	
4 th		10 th	
5 th		11 th	
6 th		12 th	

(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.

<u>Chinese Language Elective Programme (CLEP)</u>	<u>Malay Language Elective Programme (MLEP)</u>
I would like to apply for CLEP in the following JC(s): <input type="checkbox"/> Dunman High School <input type="checkbox"/> Hwa Chong Institution <input type="checkbox"/> Jurong Pioneer JC <input type="checkbox"/> Nanyang JC <input type="checkbox"/> Temasek JC	I would like to apply for MLEP in the following JC(s): <input type="checkbox"/> Jurong Pioneer JC <input type="checkbox"/> Tampines Meridian JC <input type="checkbox"/> Yishun Innova JC

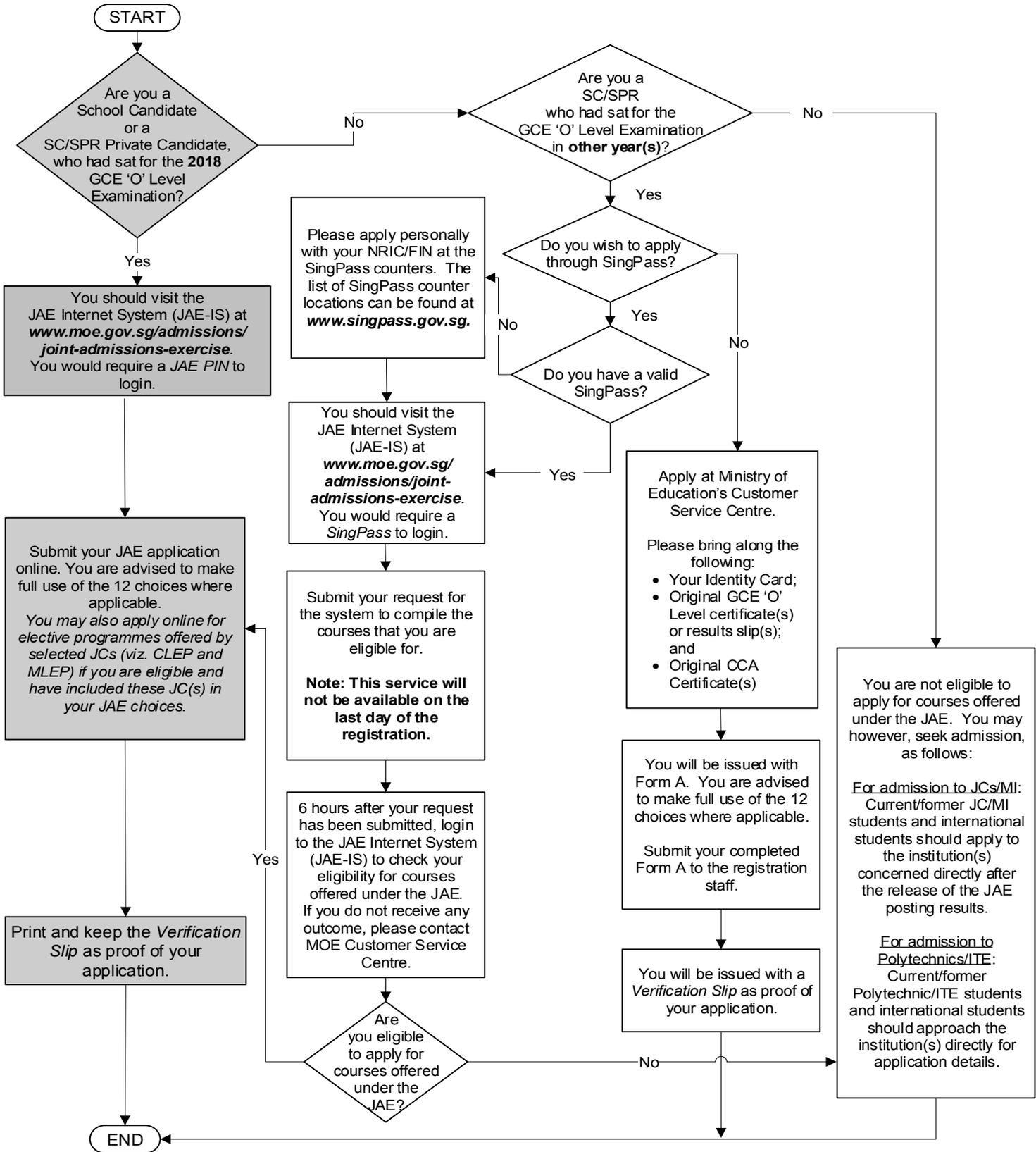
After you have completed this worksheet, please submit your application online at <https://www.moe.gov.sg/admissions/joint-admissions-exercise>

QUICK GUIDE TO REGISTRATION

This Quick Guide is for students who have sat for the 2018 Singapore-Cambridge GCE 'O' Level Examination.

- 1 All applications must be submitted online through the JAE Internet System (JAE-IS). The JAE-IS is accessible through the JAE website at www.moe.gov.sg/admissions/joint-admissions-exercise.
- 2 Applicants should note the following:
 - 2.1 You should complete the **Worksheet** before accessing the JAE-IS to submit your application.
 - 2.2 You are advised to make full use of the 12 choices, where applicable.
 - 2.3 You are advised to print and retain a copy of the Verification Slip for your record after you have submitted your application online.
- 3 You are required to key in your NRIC / FIN and the **JAE PIN** to access the JAE-IS. Your **JAE PIN** can be found in **Form A**, which will be issued to you together with your results slip for the **2018** Singapore-Cambridge GCE 'O' Level Examination.

JOINT ADMISSIONS EXERCISE (JAE) REGISTRATION PROCEDURE



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).

1.2 Merged Junior Colleges

Four merged Junior Colleges will start operations from 2019. They are Anderson Serangoon JC, Jurong Pioneer JC, Tampines Meridian JC and Yishun Innova JC.¹

1.3 New Schools taking part in JAE

Dunman High School (DHS) and River Valley High School (RVHS) will accept their first batch of 'O' Level students through this year's JAE, for admission in 2019 onwards. For more information on DHS and RVHS please refer to pages 106 and 117.

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, ITE² 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 **2018** Singapore-Cambridge GCE 'O' Level Examination results.

2.2 All students successfully admitted to a school through the Direct School Admission-JC (DSA-JC) Exercise / Polytechnic Early Admissions Exercise (Poly EAE) / ITE Early Admissions Exercise (ITE EAE) will not be able to participate in JAE. They will be informed of the school they have been admitted to under the DSA-JC/Poly EAE/ITE EAE together with the release of the GCE 'O' Level Examination results. Unsuccessful DSA-JC/Poly EAE/ITE EAE students will be able to participate in JAE and they will receive JAE Form A containing courses that they are eligible to apply for.

¹ Anderson Serangoon JC is a merger of Anderson JC and Serangoon JC. Jurong Pioneer JC is a merger of Jurong JC and Pioneer JC. Tampines Meridian JC is a merger of Tampines JC and Meridian JC. Yishun Innova JC is a merger of Yishun JC and Innova JC.

² Current Higher Nitec students 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 2018, should not apply for Higher Nitec courses under JAE 2019. Any JAE posting of these students/graduates to ITE could be invalidated by ITE.

3 Alternative Admission Exercises for Polytechnics and ITE

- 3.1 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:
- 3.2 To apply for a Polytechnic Course
- 3.2.1 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.
- 3.2.2 To find out more about the different Polytechnic admission exercises, please refer to the "Guide to Polytechnic Education" at www.polytechnic.edu.sg.
- 3.3 To apply for an ITE Course
- 3.3.1 Students may participate in the *Joint Intake Exercise (JIE)* for *National ITE Certificate (Nitec)* courses conducted by ITE in January 2019. 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 letter on how to accept the JAE offer.

4 Tuition Grant Scheme for Polytechnic Students

- 4.1 The MOE Tuition Grant (TG) Scheme was introduced by the Government to help students enrolled in full-time Diploma programmes defray the costs of tertiary education in Singapore.
- 4.1.1 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.
- 4.1.2 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.
- 4.1.3 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.
- 4.2 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.
- 4.3 More information on TG terms and conditions can be found at <https://tgonline.moe.gov.sg>.

5 Financial Assistance Schemes

5.1 Ministry of Education Financial Assistance Schemes (MOE FAS)

5.1.1 The Ministry of Education provides financial assistance to students who are Singapore Citizens in Government, Government-Aided schools and Independent schools.

5.1.2 Students who wish to apply for the financial assistance scheme can obtain the application form from their schools. They should submit the application form together with the relevant documents to their schools. The schools will inform them of the outcome of their applications.

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

The income criteria are as follows:

- The family's gross household income (GHI) does not exceed \$2,750 per month; or
- The family's per capita income (PCI)¹ does not exceed \$690 per month

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

Financial Assistance to Students at Government and Government-Aided JCs and MI	Schools Fees	Standard Miscellaneous Fees	Bursary	Transport Subsidy
	100% subsidy	100% subsidy	\$900 per annum	For students taking public transport : \$120 transport credits per annum

5.1.2.2 MOE Independent School Bursary (ISB)

The qualifying criteria for assistance given to junior college-level students in Independent Schools² 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 \$2,750	Not exceeding \$690	100% subsidy of fees ^o
		\$900 Bursary
		Full subsidy of exam fees [^]
		Transport Subsidy: \$120 transport credits per annum (for students taking public transport)
\$2,751 - \$4,000	\$691 - \$1,000	90% subsidy of fees ^o
\$4,001 - \$6,900	\$1,001 - \$1,725	70% subsidy of fees ^o
\$6,901 - \$9,000	\$1,726 - \$2,250	33% subsidy of fees ^o

+ An ISB recipient who is eligible for partial subsidy of school fees and is also a recipient of an MOE scholarship, special award or bursary which provides part payment of school fees, the total fee subsidy received by him will be capped at the annual school fees charged by each Independent School less the annual amount of school and standard miscellaneous fees payable if he were in a government / government-aided school.

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

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.

^o Fees include school and miscellaneous fees.

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

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

5.2.1 The Government is committed to ensuring that no able student is deterred by the costs of post-secondary education in Singapore. It has put in place several assistance schemes to help students at the Polytechnics and ITE who need some form of financial aid.

5.2.2 Details of the 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	Quantum per year [for ITE students]	Quantum per year [for diploma students]
CDC/CCC Bursary	<ul style="list-style-type: none"> Singapore Citizens Gross monthly household income (GHI) ≤ \$2,750 or gross monthly household per capita income (PCI) ≤ \$690 	\$1,400	\$2,350
	<ul style="list-style-type: none"> Singapore Citizens GHI between \$2,751 and \$4,000 or PCI between \$691 and \$1,000 	\$1,050	\$2,150
MOE Bursary	<ul style="list-style-type: none"> Singapore Citizens GHI ≤ \$6,900 or PCI ≤ \$1,725 	\$550	\$1,650
	<ul style="list-style-type: none"> Singapore Citizens GHI between \$6,901 and \$9,000 or PCI between \$1,726 and \$2,250 	\$350	\$800
Tuition Fee Loan Scheme	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Full-time diploma students who are Singapore Citizens or 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
Tertiary Tuition Fee Subsidy Scheme by Yayasan Mendaki	<ul style="list-style-type: none"> Malay Singapore Citizens Monthly household per capita income ≤ \$2,000 	-	Up to 100% of tuition fee, depending on household income

Notes:

- PCI is defined as the total gross monthly income of immediate and non-immediate family members over the total number of immediate and non-immediate family members.

- Students will only need to meet one of the income assessment criteria (GHI or PCI) to be eligible for a government bursary.
 - Malay Singapore Citizens will receive fee waiver for ITE education.
 - All 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.
- 5.2.3 The Polytechnics and ITE also offer their own financial assistance schemes to help needy students. More details on assistance schemes offered by the Government and the institutions can be found at the respective institutions' websites (refer to **Annex E paragraph 2.2**).
- 5.2.4 Students with financial difficulties are encouraged to approach the financial aid office at the institutions where they have been offered admission to discuss the financing options.

6 Special Educational Needs

- 6.1 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.
- 6.1.1 MOE has established a SEN Fund to support students with physical or sensory impairment in our Polytechnics and ITE. Eligible students with physical impairment may draw up to \$5,000 to purchase necessary assistive technology (AT) devices for their education. Eligible students with visual or hearing impairment may draw up to \$25,000 to purchase necessary AT devices and services, such as signing interpretation. Following the establishment of the High Needs category, high-needs students with hearing impairment will have access to a full subsidy cap of \$70,000 if he/she has been assessed by a relevant professional to require Communication Access Services (CAS) (i.e. note-taking and sign-language interpretation services). High-needs 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. More information is available at the SEN Support Offices (SSOs) of the Polytechnics and ITE.
- 6.1.2 There is a SSO in each Polytechnic and ITE College, which provides a first-stop support for current and prospective students with SEN. Upon enrolment, students with SEN are encouraged to approach the SSOs as they help to provide transition support and targeted course counselling for individual students. The SSOs also work with relevant parties within and outside of the institution to provide holistic SEN support including applying for the SEN Fund, access arrangement and identifying suitable internship opportunities. The contact details of the SSOs may be found in **Annex E paragraph 2.2**.

7 Important Dates

7.1 Below are some important dates (tentative) for **2019 JAE**.

Key Event	Tentative Date(s)
Students to check and confirm the accuracy of their co-curricular attainments/grades recorded in their school report books and inform their school of any discrepancies	By 2 November 2018
Release of Singapore-Cambridge GCE 'O' Level Examination Results	Between 14 and 16 January 2019
Submission of JAE registration i) via JAE Internet System (JAE-IS) ii) at MOE Customer Service Centre (MOE-CSC)	5 calendar days starting from the release of 'O' Level results (e.g. if 'O' Level results are released on 14 January 2019, registrations can be submitted from 14 to 18 January 2019). 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. The registration at the MOE-CSC starts from 3.00pm to 4.00pm on the first day of registration and 9.00am to 4.00pm from the second to last day of registration. Students who missed the 5 day period for course registration can approach MOE-CSC for assistance the day after the registration closes, from 9am to 12pm. This half day registration is only for new submission of course choices and not for amendments to submitted choices.
Release of Posting Results	31 January 2019 (tentative)
Students to report to school* (For Students posted to JC/MI only)	1 February 2019 (tentative)

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

7.2 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 to MOE-CSC

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

Change of address

7.3 Students posted to Polytechnic and ITE will receive their enrolment package/letter 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 at MOE-CSC during the JAE registration period.

1 Registration for JAE

1.1 Registration Period

The JAE registration commences on the same day as the release of the **2018** Singapore-Cambridge GCE 'O' Level Examination results. The 2019 JAE registration period is held over a period of 5 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 Apply

1.2.1 For students with 2018 Singapore-Cambridge GCE 'O' Level Examination results

1.2.1.1 Students who have sat for the GCE 'O' Level examinations in **2018** and are eligible for JAE will receive **Form A** (refer to **Page 9** for sample of Form A), which is required for application to courses under the JAE. Form A contains the examination results, with the course codes for all the courses that the student is eligible to apply for under JAE. **Section 4 (Tables 2 to 5)** provides detailed description of the course codes and **Section 5 (Table 7)** provides detailed description of the subject codes. The student's course eligibility is generally based on examination results achieved at:

- a. **2018** Singapore-Cambridge GCE 'O' Level Examination only, or
- b. **a combination of one past year and 2018** 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 Number / Foreign Identification Number for both sittings).

1.2.1.2 Students who attended Government, Government-Aided or Independent School (School Candidates) and are eligible for JAE will receive Form A from the secondary school (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 examinations in **2018** 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 Applications for courses under the JAE 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/admissions/joint-admissions-exercise (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 the JAE PIN during the JAE Registration period. The JAE PIN can be found in Form A. The JAE PIN is issued once only and **will not** be replaced if lost. Students who have lost or forgotten their JAE PIN will have to register personally at Ministry of Education, Customer Service Centre (MOE-CSC). Students are therefore urged to take proper care of their Form A, and not misplace it.

1.2.1.6 Students who missed the 5 day period for course registration can approach MOE-CSC for assistance the day after the registration closes, from 9am to 12pm. This half day registration is strictly for new submissions of course choices and not for amendments to submitted choices.

1.2.2 For Singapore Citizens / Singapore Permanent Residents **without 2018** Singapore-Cambridge GCE 'O' Level Examination Results

1.2.2.1 Applicants without 2018 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. Applicants can register online via the JAE-IS using SingPass. The JAE-IS is accessible through the JAE website at www.moe.gov.sg/admissions/joint-admissions-exercise (refer to **Annex A** for the guide on how to register via JAE-IS). Alternatively, they may register personally at MOE-CSC.

2 Points to note when registering for courses

- 2.1 JCs and MI offer a variety of subjects and different subject combinations. They may also set their own subject pre-requisites based on professional and student-centric considerations. **Applicants should check the website of the respective JCs and MI for more details on the subject combinations offered in the Arts and Science courses and subject pre-requisites.**
- 2.2 The JCs offer various programmes and scholarships, applicants may refer to **Annex D** for more details.
- 2.3 Applicants eligible for the Chinese/Malay Language Elective Programme (CLEP/MLEP) and who wish to apply for the programme should apply online via JAE-IS. Applicants submitting their JAE registration via MOE Customer Service Centre (MOE-CSC) should indicate the programme in the registration form. Applicants must select the JC(s) offering the programme as one of their choices in their course applications (refer to **Section 4** for list of JCs offering the programme).
- 2.4 Applicants who are admitted to a CLEP must offer H2 Chinese Language and Literature and sit for the GCE 'A' Level examination for this subject. Applicants who are admitted to a MLEP must offer H2 Malay Language and Literature and sit for the GCE 'A' Level examination for this subject (refer to **Annex D** for more details).
- 2.5 Applicants who gained admission into the JC using the 2 bonus points awarded for CLEP/MLEP (refer to **Section 3** for more details on bonus points) are required to remain in the CLEP/MLEP. Students who fail to do so may be asked to leave the JC.
- 2.6 Applicants are strongly advised to complete the **Worksheet** found in your Form A or on **page (ii)** of this booklet before going online. Completion of the Worksheet will enable applicants to register more smoothly online.
- 2.7 Applicants are allowed to choose up to a maximum of 12 courses for which they are eligible for. Applicants are advised to make full use of the 12 choices, where applicable. The choices should be listed in the order of preference.
- 2.8 All applicants are strongly advised to print and retain a copy of the **Verification Slip** for their record after they have submitted their applications. Applicants should note that if they are unable to view the Verification Slip, their applications may not have been successfully submitted. They are advised to login again to confirm that they have a copy of the Verification Slip.
- 2.9 Applicants may refer to the flowchart on **page (iv)** of this booklet for more details on the JAE registration procedure.

3 Sample Form A

Sample of Form A (Page 1)



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2019 JOINT ADMISSIONS EXERCISE (JAE)

FORM A

Name : NAM SIL Address : 123 ANG MO KIO #01 - 123 SINGAPORE School Code : 3821		JAE PIN : FCH37934 Centre Index No. : 1526010048
---	--	---

JAE PIN.

There will be no registration after DDMMYYYY 04:00PM.

Your GCE 'O' Level Examination results are as follows:

11 = A1 22 = B3 41 = A1 42 = A1 44 = A1 45 = A1 63 = A1

COA = EXCELLENT

Subject code and grade based on your examination results.

Your aggregate scores are as follows:

JC : L1R5=5

MI : L1R4=5

Poly : ELR2B2-A=5

ELR2B2-B=5

ELR2B2-C=5

ELR2B2-D=5

ITE : ELB4-A=5

ELR1B3-B=5

ELR2B2-C=5

Aggregate types.

Based on the 2018 GCE 'O' Level Examination results, you are eligible to apply for all courses offered by JC (2-Year Duration) and MI (3-Year Duration). The JC and MI course codes can be found in the Joint Admissions Exercise Booklet. You are also eligible for the Polytechnic / ITE courses listed below. Though you are eligible for these courses, admission to a course under this exercise is based on merit, your indicated choices and vacancies available.

Polytechnic / ITE courses you are eligible for:

C34	C35	C36	C38	C39	C40	C41	C42	C43	C45	C46	C47	C48	C49	C50	C51	C52
C54	C57	C59	C60	C61	C62	C63	C64	C65	C66	C67	C69	C70	C71	C72	C73	C74
C75	C80	C81	C83	C85	C87	C89	C93	C94	C96	C97	C98	C99	N40	N41	N42	N43
N44	N45	N48	N50	N51	N53	N54	N55	N56	N57	N59	N60	N64	N65	N67	N68	N69
N70	N71	N72	N73	N74	N75	N76	N77	N78	N79	N81	N82	N83	N84	N85	N88	N89
N90	N91	N92	N93	N94	N95	N96	N97	N98	R11	R12	R13	R14	R16	R17	R18	R19
R21	R22	R24	R25	R26	R27	R28	R29	R32	R33	R34	R35	R36	R37	R39	R40	R41
R42	R43	R44	R45	R46	R47	R48	R49	R50	R51	R52	R53	R54	R55	R56	R57	R58
S31	S32	S35	S38	S39	S40	S41	S42	S43	S44	S46	S47	S48	S50	S53	S54	S56
S58	S63	S64	S66	S67	S68	S69	S70	S71	S72	S73	S74	S75	S76	S86	S88	S89
S90	S91	S93	S94	S95	S97	S98	S99	T01	T02	T04	T07	T08	T09	T10	T15	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	V76	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 other suitable courses for GCE 'O' students, offered by ITE. Please see ITE's admission booklet on JAE.

Sample of Form A (Page 2)

WORKSHEET

2019 JAE

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

JOINT ADMISSIONS EXERCISE REGISTRATION

(A) Personal Particulars

Please write 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.

(B) Course Preference

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

You are 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	Choice Order	Course Code
1 st		7 th	
2 nd		8 th	
3 rd		9 th	
4 th		10 th	
5 th		11 th	
6 th		12 th	

(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)
I would like to apply for CLEP in the following JC(s):	I would like to apply for MLEP in the following JC(s):
<input type="checkbox"/> Dunman High School	<input type="checkbox"/> Jurong Pioneer JC
<input type="checkbox"/> Hwa Chong Institution	<input type="checkbox"/> Tampines Meridian JC
<input type="checkbox"/> Jurong Pioneer JC	<input type="checkbox"/> Yishun Innova JC
<input type="checkbox"/> Nanyang JC	
<input type="checkbox"/> Temasek JC	

After you have completed this worksheet, please submit your application online at
<https://www.moe.gov.sg/admissions/joint-admissions-exercise>

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 citizens, Singapore Permanent Residents and then International Students. 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 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 JC course with vacancies, if applicants have indicated a JC course as their first choice. This is subject to applicants meeting the net L1R5 aggregate of the lowest ranked students who were admitted to the JC course;
 - 1.4.2 to a 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 Nursing Courses in Nanyang Polytechnic and Ngee Ann Polytechnic

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 **Annex B** for details on priority posting and **Section 6b** and **6c** for details on the minimum entry requirements for the nursing courses.

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 (refer to **paragraph 1.1**). **They are not taken into consideration in determining whether applicants are eligible for specific courses under the JAE.**
- 2.2 Students should check and confirm the accuracy of their co-curricular attainments/grades recorded in their school report books and inform their schools of any discrepancies by **2 November 2018**.
- 2.3 Please refer to **Annex E** for information on affiliated schools.

Table 1
Computation of Bonus Points Available

S/No	Type of Bonus Points	No. of Bonus Points Available	Maximum Bonus Points Allowable	
1	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	2 points 1 point	Limited to a maximum of 4 Bonus Points only for these 4 sections.	Limited to a maximum of 6 Bonus Points only.
2	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). This is provided that these choices come before any Polytechnic/ITE choices.	2 points		
3	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. This is provided that these choices come before any Polytechnic/ITE choices.	2 points		
4	For students from feeder schools if they choose their affiliated Junior College course(s) as their: a. 1 st choice, <u>or</u> b. 1 st and 2 nd choices.	2 points		
5	For students who have applied for the CLEP or MLEP and have been selected for the programme.	2 points	2 Bonus Points	

3 Release of JAE Posting Results

- 3.1 The JAE posting results will be released in the last week of January through the following modes:
- 3.1.1 JAE-IS, accessible through the JAE website at www.moe.gov.sg/admissions/joint-admissions-exercise;
 - 3.1.2 Short Messaging System (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 Junior College / Millennia Institute

Students who are offered a course in a JC/MI must report to the JC/MI on the date stipulated in the JAE-IS. 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 letter within 3 working days upon the 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 letter. 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 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 the minimum entry requirements for admission to JC/MI (refer to **Section 6a**). 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 <https://jaeappeal.polytechnic.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 2019 JAE. While all appeals will be given due consideration, meeting (i) and (ii) above does 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 2019 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.

NB: The following groups of individuals are **not** eligible to appeal via the combined appeals portal: (i) current Higher Nitec students, (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 2018. These individuals should approach ITE directly for assistance. Any appeals posting of these individuals to ITE courses could be invalidated by ITE.

COURSES OFFERED UNDER JAE

SECTION

4

Table 2
JC Courses (2-Year Duration)

Junior College (JC)		Course Code			Special Programme	Award
		Arts	Science	International Baccalaureate		
1.	Anderson Serangoon Junior College	39A	39S	-	-	GCE 'A' Level
2.	Anglo-Chinese Junior College	22A	22S	-	<ul style="list-style-type: none"> • ELEP • HSP • MEP • DEP 	GCE 'A' Level
3.	Anglo-Chinese School (Independent)	-	-	51I	<ul style="list-style-type: none"> • MEP • HSP • RSP 	International Baccalaureate Diploma
4.	Catholic Junior College	23A	23S	-	<ul style="list-style-type: none"> • ELEP 	GCE 'A' Level
5.	Dunman High School	44A	44S	-	<ul style="list-style-type: none"> • BSP • CLEP • MEP 	GCE 'A' Level
6.	Eunoia Junior College	38A	38S	-	<ul style="list-style-type: none"> • MEP • HSP • BSP 	GCE 'A' Level
7.	Hwa Chong Institution	24A	24S	-	<ul style="list-style-type: none"> • AEP • CLEP • HSP • BSP 	GCE 'A' Level
8.	Jurong Pioneer Junior College	40A	40S	-	<ul style="list-style-type: none"> • CLEP • MLEP 	GCE 'A' Level
9.	Nanyang Junior College	26A	26S	-	<ul style="list-style-type: none"> • AEP • CLEP 	GCE 'A' Level
10.	National Junior College	27A	27S	-	<ul style="list-style-type: none"> • AEP • HSP 	GCE 'A' Level
11.	Raffles Institution	28A	28S	-	<ul style="list-style-type: none"> • ELEP • HSP • MEP • RSP 	GCE 'A' Level
12.	River Valley High School	45A	45S	-	<ul style="list-style-type: none"> • BSP 	GCE 'A' Level
13.	St. Andrew's Junior College	30A	30S	-	-	GCE 'A' Level
14.	St. Joseph's Institution	-	-	52I	-	International Baccalaureate Diploma
15.	Tampines Meridian Junior College	41A	41S	-	<ul style="list-style-type: none"> • DEP • MLEP 	GCE 'A' Level
16.	Temasek Junior College	32A	32S	-	<ul style="list-style-type: none"> • CLEP • HSP • MEP 	GCE 'A' Level
17.	Victoria Junior College	33A	33S	-	<ul style="list-style-type: none"> • HSP • DEP • RSP 	GCE 'A' Level
18.	Yishun Innova Junior College	42A	42S	-	<ul style="list-style-type: none"> • 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

CLEP = Language Elective Programme (Chinese)

MLEP = Language Elective Programme (Malay)

ELEP = Language Elective Programme (English)

BSP = Bicultural Studies Programme

Table 3
MI Courses (3-Year Duration)

Millennia Institute (MI)		Course Code			Award
		Arts (A)	Commerce (C)	Science (S)	
1.	Millennia Institute	43A	43C	43S	GCE 'A' Level

Table 4
Polytechnic Courses (3-Year Duration)

Course	Polytechnic	Course Code	Aggregate Type	Award
A. APPLIED SCIENCES				
Applied Chemistry	SP	S64	C	Dip Applied Chemistry (Industrial Chemistry)/ Dip Applied Chemistry (Materials Science)/ Dip Applied Chemistry (Pharmaceutical Science)
Biologics & Process Technology	NYP	C49	C	Dip Biologics & Process Technology
Biomedical Engineering	TP	T38	C	Dip Biomedical Engineering
Biomedical Science <i>(Course merger between Biomedical Science and Molecular Biotechnology)</i>	NP	N59	C	Dip Biomedical Science
Biomedical Science	RP	R14	C	Dip Biomedical Science
Biomedical Science	SP	S98	C	Dip Biomedical Science (Biomedical Research)/ Dip Biomedical Science (Cardiac Technology)/ Dip Biomedical Science (Medical Technology)
Biotechnology	RP	R16	C	Dip Biotechnology
Biotechnology	SP	S72	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
Environmental & Water Technology	NP	N74	C	Dip Environmental & Water Technology
Environmental Science	RP	R29	C	Dip Environmental Science
Food, Nutrition & Culinary Science <i>(Course Merger between Applied Food Science & Nutrition and Baking & Culinary Science)</i>	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
Marine Science & Aquaculture	RP	R53	C	Dip Marine Science & Aquaculture
Materials Science	RP	R17	C	Dip Materials Science
Medical Biotechnology <i>(Course Merger between Biomedical Science and Biotechnology)</i>	TP	T64	C	Dip Medical Biotechnology
Medicinal Chemistry	NYP	C45	C	Dip Medicinal Chemistry
Molecular Biotechnology	NYP	C74	C	Dip Molecular Biotechnology
Nutrition, Health & Wellness	SP	S44	C	Dip Nutrition, Health & Wellness
Perfumery & Cosmetic Science	SP	S38	C	Dip Perfumery & Cosmetic Science
Pharmaceutical Science <i>(Previously known as Pharmacy Science)</i>	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 Bioscience	NP	N90	C	Dip Veterinary Bioscience
Veterinary Technology	TP	T45	C	Dip Veterinary Technology

Course	Polytechnic	Course Code	Aggregate Type	Award
B. BUILT ENVIRONMENT				
Architecture <i>(Previously known as Sustainable Architectural Design)</i>	NYP	C38	C	Dip Architecture
Architecture	SP	S66	D	Dip Architecture
Civil Engineering with Business	SP	S68	C	Dip Civil Engineering with Business
Facilities Management	SP	S95	C	Dip Facilities Management
Green Building & Sustainability	TP	T29	C	Dip Green Building & Sustainability
Green Building Energy Management	RP	R41	C	Dip Green Building Energy 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 Urban Design & Engineering	NP	N89	C	Dip Sustainable Urban Design & Engineering
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 <i>(Previously known as Accounting & Finance)</i>	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 <i>(Previously known as Aviation Management & Services)</i>	TP	T04	C	Dip Aviation Management
Banking & Finance <i>(Previously known as Banking & Financial Services)</i>	NP	N53	B	Dip Banking & Finance
Banking & Finance	NYP	C96	B	Dip Banking & Finance
Banking & Finance	SP	S76	B	Dip Banking & Finance
Business <i>(New)</i>	TP	T10	B	Dip in Business
Business & Financial Technology <i>(Course merger between Business Informatics and Financial Informatics)</i>	NYP	C35	C	Dip Business & Financial Technology
Business & Social Enterprise	NP	N79	B	Dip Business & Social Enterprise
Business & Social Enterprise <i>(Previously known as Social Enterprise Management)</i>	RP	R51	B	Dip Business & Social Enterprise
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 <i>(New)</i>	NP	N97	B	Dip Accountancy/ Dip Banking & Finance/ Dip Business Studies/ Dip International Trade & Business/ Dip Tourism & Resort Management
Common Business Programme <i>(New)</i>	NYP	C34	B	Dip Accountancy & Finance/ Dip Banking & Finance/ Dip Business Management/ Dip Hospitality & Tourism Management/ Dip Marketing

Course	Polytechnic	Course Code	Aggregate Type	Award
Common Business Programme (<i>New</i>)	RP	R57	B	Dip Business & Social Enterprise/ 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 Wellness & Hospitality Business
Common Business Programme (<i>New</i>)	SP	S31	B	Dip Accountancy/ Dip Banking & Finance/ Dip Business Administration/ Dip Human Resource Management with Psychology
Common Business Programme (<i>New</i>)	TP	T01	B	Dip Accountancy & Finance/ Dip Business/ Dip Culinary & Catering Management/ Dip Hospitality & Tourism Management/ Dip Law & Management/ Dip Logistics & Operations 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
Financial Business Informatics	TP	T17	C	Dip Financial Business Informatics
Financial Informatics	SP	S46	C	Dip Financial Informatics
Food & Beverage Business	NYP	C46	B	Dip Food & Beverage Business
Hospitality & Tourism Management	NYP	C67	B	Dip Hospitality & Tourism Management
Hospitality & Tourism Management (<i>The Leisure & Events Management course has been merged into this course</i>)	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
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
Logistics & Operations Management (<i>New</i>)	TP	T07	B	Dip Logistics & Operations Management
Marketing	NYP	C99	B	Dip Marketing
Marketing (<i>New</i>)	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
Sport Management (<i>Previously known as Sports and Leisure Management</i>)	RP	R27	B	Dip Sport Management
Supply Chain Management	RP	R21	C	Dip Supply Chain Management
Tourism & Resort Management	NP	N72	B	Dip Tourism & Resort Management
Wellness & Hospitality Business	RP	R44	B	Dip Wellness & Hospitality Business

Course	Polytechnic	Course Code	Aggregate Type	Award
D. ENGINEERING				
Aeronautical & Aerospace Technology	NYP	C51	C	Dip Aeronautical & Aerospace Technology
Aeronautical Engineering	SP	S88	C	Dip Aeronautical Engineering
Aerospace / Electrical / Electronics Programme	NYP	C39	C	Dip Aerospace Systems & Management/ Dip Electrical Engineering with Eco-Design/ Dip Electronic Systems
Aerospace / Mechatronics Programme	NYP	C40	C	Dip Aeronautical & Aerospace Technology/ Dip Robotics & Mechatronics
Aerospace Electronics	NP	N75	C	Dip Aerospace Electronics
Aerospace Electronics	SP	S90	C	Dip Aerospace Electronics
Aerospace Electronics	TP	T50	C	Dip Aerospace Electronics
Aerospace Engineering <i>(Previously known as Aerospace Technology)</i>	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
Audio-visual Technology	NP	N76	C	Dip Audio-visual Technology
Automation & Mechatronic Systems	NP	N50	C	Dip Automation & Mechatronic Systems
Bioengineering	SP	S58	C	Dip Bioengineering
Biomedical Engineering	NP	N60	C	Dip Biomedical Engineering
Biomedical Engineering	NYP	C71	C	Dip Biomedical Engineering
Clean Energy	TP	T52	C	Dip Clean Energy
Clean Energy Management	NP	N84	C	Dip Clean Energy Management
Common Engineering Programme <i>(New)</i>	NP	N71	C	Dip Aerospace Electronics/ Dip Aerospace Engineering/ Dip Automation & Mechatronic Systems/ Dip Biomedical Engineering/ Dip Clean Energy Management/ Dip Electrical Engineering/ Dip Electronic & Computer Engineering/ Dip Marine & Offshore Technology/ Dip Mechanical Engineering
Common Engineering Programme	NYP	C42	C	Dip Aeronautical & Aerospace Technology/ Dip Aerospace Systems & Management/ Dip Biomedical Engineering/ Dip Digital & Precision Engineering/ Dip Electrical Engineering with Eco-Design/ Dip Electronic Systems/ Dip Engineering with Business/ Dip Robotics & Mechatronics/ Dip Nanotechnology & Materials Science
Common Engineering Programme	RP	R42	C	Dip Aerospace Engineering/ Dip Aviation Management/ Dip Electrical & Electronic Engineering/ Dip Industrial & Operations Management/ Dip Green Building Energy Management/ Dip Supply Chain Management/ Dip Engineering Systems & Management/ Dip Engineering Design with Business
Common Engineering Programme	SP	S40	C	Dip Aeronautical Engineering/ Dip Aerospace Electronics/ Dip Bioengineering/ Dip Computer Engineering/ Dip Electrical & Electronic Engineering/ Dip Engineering with Business/ Dip Mechanical Engineering/ Dip Mechatronics & Robotics

Course	Polytechnic	Course Code	Aggregate Type	Award
Common Engineering Programme	TP	T56	C	Dip Aerospace Electronics/ Dip Aerospace Engineering/ Dip Biomedical Engineering/ Dip Business Process & Systems Engineering/ Dip Clean Energy/ Dip Computer Engineering/ Dip Electronics/ Dip Mechatronics
Computer Engineering	SP	S53	C	Dip Computer Engineering
Computer Engineering	TP	T13	C	Dip Computer Engineering
Digital & Precision Engineering	NYP	C62	C	Dip Digital & Precision 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
Electrical Engineering with Eco-Design	NYP	C48	C	Dip Electrical Engineering with Eco-Design
Electronic & Computer Engineering	NP	N44	C	Dip Electronic & Computer Engineering
Electronic Systems	NYP	C89	C	Dip Electronic Systems
Electronics (New)	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
Mechatronics (New)	TP	T66	C	Dip Mechatronics
Mechatronics & Robotics	SP	S73	C	Dip Mechatronics & Robotics
Multimedia & Infocomm Technology	NYP	C75	C	Dip Multimedia & Infocomm Technology
Nanotechnology & Materials Science	NYP	C50	C	Dip Nanotechnology & Materials Science
Robotics & Mechatronics	NYP	C87	C	Dip Robotics & Mechatronics
E. HEALTH SCIENCES				
Health Management & Promotion	RP	R43	C	Dip Health Management & Promotion
Health Services Management	RP	R45	C	Dip Health Services Management
Nursing [Previously known as Health Sciences (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
Social Sciences (Social Work)	NYP	C47	A	Dip Social Sciences (Social Work)
Sport & Exercise Science	RP	R26	C	Dip Sport & Exercise Science
Sport Coaching	RP	R49	C	Dip Sport Coaching
F. HUMANITIES				
Applied Drama & Psychology	SP	S43	A	Dip Applied Drama & Psychology
Chinese Studies	NP	N70	A	Dip Chinese Studies
Creative Writing for Television & New Media	SP	S41	A	Dip Creative Writing for TV & New Media
Early Childhood Development & Education (New) ⑤	NP	N96	A	Dip Early Childhood Development & Education
Early Childhood Development & Education (New) ⑥	TP	T68	A	Dip Early Childhood Development & Education
Psychology Studies	NP	N77	A	Dip Psychology Studies
Psychology Studies	TP	T48	A	Dip Psychology Studies

Course	Polytechnic	Course Code	Aggregate Type	Award
Social Sciences in Gerontology <i>(Previously known as Gerontological Management Studies)</i>	TP	T53	A	Dip Social Sciences in Gerontology
Tamil Studies with Early Education ⑤	NP	N95	A	Dip Tamil Studies with Early Education
G. INFORMATION & DIGITAL TECHNOLOGIES				
Big Data & Analytics <i>(Course Merger between Business Intelligence & Analytics and Big Data Management & Governance)</i>	TP	T60	C	Dip Big Data & Analytics
Business Applications	RP	R18	C	Dip Business Applications
Business Information Systems	RP	R13	C	Dip Business Information Systems
Business Intelligence & Analytics	NYP	C43	C	Dip Business Intelligence & Analytics
Common ICT Programme <i>(New)</i>	NP	N98	C	Dip Information Technology/ Dip Financial Informatics/ Dip Cybersecurity & Digital Forensics
Common ICT Programme <i>(New)</i>	NYP	C36	C	Dip Business & Financial Technology/ Dip Business Intelligence & Analytics/ Dip Cybersecurity & Digital Forensics/ Dip Infocomm & Security/ Dip Information Technology
Common ICT Programme <i>(New)</i>	RP	R58	C	Dip Business Applications/ Dip Business Information Systems/ Dip Infocomm Security Management/ Dip Information Technology/ Dip Mobile Software Development
Common ICT Programme <i>(New)</i>	SP	S32	C	Dip Infocomm Security Management/ Dip Information Technology
Common ICT Programme <i>(New)</i>	TP	T63	C	Dip Big Data & Analytics/ Dip Cybersecurity & Digital Forensics/ Dip Financial Business Informatics/ Dip Game Design & Development/ Dip Information Technology
Cybersecurity & Digital Forensics <i>(Previously known as Information Security & Forensics)</i>	NP	N94	C	Dip Cybersecurity & Digital Forensics
Cybersecurity & Digital Forensics <i>(Previously known as Cyber Security & Forensics)</i>	NYP	C54	C	Dip Cybersecurity & Digital Forensics
Cybersecurity & Digital Forensics	TP	T62	C	Dip Cybersecurity & Digital Forensics
Digital Visual Effects	NYP	C57	C	Dip Digital Visual Effects
Financial Informatics	NP	N81	C	Dip Financial Informatics
Game Design & Development	TP	T58	C	Dip Game Design & Development
Game Development & Technology	NYP	C70	C	Dip Game Development & Technology
Immersive Media & Game Design	NP	N55	C	Dip Immersive Media & Game Design
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
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 <i>(Course merger between Business Information Technology and Information Technology)</i>	SP	S69	C	Dip Information Technology
Information Technology	TP	T30	C	Dip Information Technology
Mobile Software Development	RP	R47	C	Dip Mobile Software Development
Network Systems & Security	NP	N64	C	Dip Network Systems & Security
H. MARITIME STUDIES				
Marine & Offshore Technology	NP	N42	C	Dip Marine & Offshore Technology
Marine Engineering	SP	S63	C	Dip Marine Engineering

Course	Polytechnic	Course Code	Aggregate Type	Award
Maritime Business	SP	S74	C	Dip Maritime Business
I. MEDIA & DESIGN				
Animation <i>(Previously known as Animation & 3D Arts)</i>	NP	N92	D	Dip Animation
Animation	NYP	C61	D	Dip Animation
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
Communication Design	TP	T59	D	Dip Communication Design
Design for User Experience	RP	R36	D	Dip Design for User Experience
Digital Animation	SP	S35	D	Dip Digital Animation
Digital Film & Television	TP	T23	D	Dip Digital Film & Television
Digital Game Art & Design	NYP	C60	D	Dip Digital Game Art & Design
Experience & Communication Design <i>(Course merger between Experience & Product Design and Visual Communication & Media Design)</i>	SP	S93	D	Dip Experience & Communication Design
Film, Sound & Video	NP	N82	D	Dip Film, Sound & Video
Game Design	RP	R35	D	Dip Game Design
Game Design & Development	SP	S56	D	Dip Game Design & Development
Industrial Design	NYP	C83	D	Dip Industrial Design
Interaction Design	NYP	C59	D	Dip Interaction Design
Interior Architecture & Design <i>(The Environment Design course has been merged into this course)</i>	TP	T22	D	Dip Interior Architecture & Design
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 & Communication	SP	S86	A	Dip Media & Communication
Media Production & Design	RP	R19	A	Dip Media Production & Design
Motion Graphics & Broadcast Design	NYP	C66	D	Dip Motion Graphics & Broadcast Design
Music & Audio Technology	SP	S97	C	Dip Music & Audio Technology
Product & Industrial Design	TP	T35	D	Dip Product & Industrial Design
Product Design & Innovation	NP	N68	D	Dip Product Design & Innovation
Sonic Arts	RP	R24	D	Dip Sonic Arts
Spatial Design	NYP	C64	D	Dip Spatial Design
Visual Communication	NYP	C63	D	Dip Visual Communication
Visual Effects	NP	N78	D	Dip Visual Effects
Visual Effects & Motion Graphics	SP	S39	D	Dip Visual Effects & Motion Graphics

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 2019 Joint Admissions Exercise (JAE)

5. Diploma is awarded by the National Institute of Early Childhood Development in collaboration with Ngee Ann Polytechnic

6. Diploma is awarded by the National Institute of Early Childhood Development in collaboration with Temasek Polytechnic

Table 5
ITE Courses (2-Year Duration)

Course Certification	ITE College	Course Code	Aggregate Type
A. APPLIED SCIENCES			
<i>Higher Nitec</i> in Biotechnology	ITE College East	V18	ELR2B2-C
<i>Higher Nitec</i> in Chemical Technology	ITE College East	V44	ELR2B2-C
B. BUSINESS & SERVICES			
<i>Higher Nitec</i> in Accounting	ITE College Central	V39	ELR1B3-B
<i>Higher Nitec</i> in Accounting	ITE College East	V27	ELR1B3-B
<i>Higher Nitec</i> in Accounting	ITE College West	V90	ELR1B3-B
<i>Higher Nitec</i> in Banking Services	ITE College Central	V52	ELR1B3-B
<i>Higher Nitec</i> in Beauty & Wellness Management (Previously known as Beauty & Spa Management)	ITE College East	V54	ELB4-A
<i>Higher Nitec</i> in Early Childhood Education	ITE College Central	V42	ELB4-A
<i>Higher Nitec</i> in Event Management	ITE College Central	V40	ELR1B3-B
<i>Higher Nitec</i> in Event Management	ITE College East	V41	ELR1B3-B
<i>Higher Nitec</i> in Human Resource & Administration	ITE College Central	V91	ELR1B3-B
<i>Higher Nitec</i> in Human Resource & Administration	ITE College East	V92	ELR1B3-B
<i>Higher Nitec</i> in Leisure & Travel Operations	ITE College West	V65	ELB4-A
<i>Higher Nitec</i> in International Logistics	ITE College East	V81	ELR1B3-B
<i>Higher Nitec</i> in Maritime Business	ITE College Central	V86	ELR1B3-B
<i>Higher Nitec</i> in Passenger Services	ITE College Central	V82	ELB4-A
<i>Higher Nitec</i> in Passenger Services	ITE College East	V80	ELB4-A
<i>Higher Nitec</i> in Retail & Online Business	ITE College Central	V66	ELR1B3-B
<i>Higher Nitec</i> in Service Management	ITE College West	V62	ELR1B3-B
<i>Higher Nitec</i> in Sport Management	ITE College Central	V12	ELR1B3-B
<i>Higher Nitec</i> in Sport Management	ITE College East	V19	ELR1B3-B
<i>Higher Nitec</i> in Sport Management	ITE College West	V85	ELR1B3-B
C. DESIGN & MEDIA			
<i>Higher Nitec</i> in Architectural Technology (Previously known as Space Design Technology)	ITE College Central	V10	ELR2B2-C
<i>Higher Nitec</i> in Filmmaking (Cinematography)	ITE College Central	V93	ELR1B3-B
<i>Higher Nitec</i> in Interactive Design	ITE College Central	V94	ELR1B3-B
<i>Higher Nitec</i> in Motion Graphics (New)	ITE College Central	V14	ELB4-A
<i>Higher Nitec</i> in Performance Production	ITE College Central	V97	ELR1B3-B
<i>Higher Nitec</i> in Visual Effects (New)	ITE College Central	V15	ELR1B3-B
<i>Higher Nitec</i> in Visual Merchandising	ITE College Central	V55	ELB4-A
D. ELECTRONICS & INFO-COMM TECHNOLOGY			
<i>Higher Nitec</i> in Broadcast & Media Technology	ITE College Central	V95	ELR2B2-C
<i>Higher Nitec</i> in Business Information Systems	ITE College East	V49	ELR2B2-C
<i>Higher Nitec</i> in Cyber & Network Security	ITE College East	V47	ELR2B2-C
<i>Higher Nitec</i> in Cyber & Network Security	ITE College West	V74	ELR2B2-C
<i>Higher Nitec</i> in Electronics Engineering	ITE College Central	V11	ELR2B2-C
<i>Higher Nitec</i> in Electronics Engineering	ITE College East	V29	ELR2B2-C
<i>Higher Nitec</i> in Electronics Engineering	ITE College West	V68	ELR2B2-C
<i>Higher Nitec</i> in Games Art & Design	ITE College Central	V45	ELR2B2-C
<i>Higher Nitec</i> in Games Programming & Development	ITE College Central	V99	ELR2B2-C
<i>Higher Nitec</i> in IT Applications Development	ITE College Central	V61	ELR2B2-C
<i>Higher Nitec</i> in IT Applications Development	ITE College East	V87	ELR2B2-C
<i>Higher Nitec</i> in IT Applications Development	ITE College West	V63	ELR2B2-C
<i>Higher Nitec</i> in IT Systems & Networks	ITE College Central	V26	ELR2B2-C
<i>Higher Nitec</i> in IT Systems & Networks	ITE College East	V30	ELR2B2-C
<i>Higher Nitec</i> in IT Systems & Networks	ITE College West	V70	ELR2B2-C

Course Certification	ITE College	Course Code	Aggregate Type
<i>Higher Nitec</i> in Security System Integration	ITE College West	V77	ELR2B2-C
E. ENGINEERING			
<i>Higher Nitec</i> in Civil & Structural Engineering Design	ITE College Central	V56	ELR2B2-C
<i>Higher Nitec</i> in Electrical Engineering	ITE College East	V28	ELR2B2-C
<i>Higher Nitec</i> in Electrical Engineering	ITE College West	V67	ELR2B2-C
<i>Higher Nitec</i> in Engineering with Business	ITE College Central	V84	ELR2B2-C
<i>Higher Nitec</i> in Facility Management	ITE College East	V88	ELR2B2-C
<i>Higher Nitec</i> in Facility Management	ITE College West	V89	ELR2B2-C
<i>Higher Nitec</i> in Facility Systems Design	ITE College Central	V69	ELR2B2-C
<i>Higher Nitec</i> in Landscape Management & Design	ITE College East	V60	ELR2B2-C
<i>Higher Nitec</i> in Marine Engineering	ITE College Central	V71	ELR2B2-C
<i>Higher Nitec</i> in Marine & Offshore Technology	ITE College Central	V72	ELR2B2-C
<i>Higher Nitec</i> in Mechanical Engineering	ITE College Central	V21	ELR2B2-C
<i>Higher Nitec</i> in Mechanical Engineering	ITE College East	V35	ELR2B2-C
<i>Higher Nitec</i> in Mechanical Engineering	ITE College West	V78	ELR2B2-C
<i>Higher Nitec</i> in Mechatronics Engineering	ITE College Central	V13	ELR2B2-C
<i>Higher Nitec</i> in Mechatronics Engineering	ITE College West	V73	ELR2B2-C
<i>Higher Nitec</i> in Offshore & Marine Engineering Design	ITE College Central	V75	ELR2B2-C
<i>Higher Nitec</i> in Process Plant Design	ITE College Central	V76	ELR2B2-C
<i>Higher Nitec</i> in Rapid Transit Engineering	ITE College West	V96	ELR2B2-C
<i>Higher Nitec</i> in Robotics & Smart Systems	ITE College Central	V98	ELR2B2-C
F. HOSPITALITY			
<i>Higher Nitec</i> in Hospitality Operations	ITE College West	V64	ELB4-A

Note: (Table 5 ITE Courses)

1. *Higher Nitec* = Higher National ITE Certificate
2. **(New)** = New course(s) offered under the 2019 Joint Admissions Exercise (JAE)

AGGREGATE COMPUTATION & SUBJECT DESCRIPTIONS

1 Aggregate Computation

- 1.1 The aggregate computation for admission to a 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 Junior College 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 <i>(except Religious Knowledge and CCA)</i>
	Relevant Subject 5 - Any GCE 'O' Level subjects <i>(except Religious Knowledge and CCA)</i>

L1R4 : For Millennia Institute 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 <i>(except Religious Knowledge and CCA)</i>
	Relevant Subject 4 - Any GCE 'O' Level subjects <i>(except Religious Knowledge and CCA)</i>

		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 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 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 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 excluding CCA			

ELB4, ELR1B3 & ELR2B2 : For ITE <i>Higher Nitec</i> Courses						
Aggregate Type	ELB4-A	ELR1B3-B		ELR2B2-C		
EL	English	EL	English			EL
B4	Best 4 other subjects excluding CCA	R1	Elementary Mathematics Additional Mathematics Principles of Accounts	Elementary Mathematics Additional Mathematics		1st Group of Relevant Subjects
		B3	Best 3 other subjects excluding CCA	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)		2nd Group of Relevant Subjects
				Best 2 other subjects excluding CCA		B2

Note: (Aggregate Types)

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.

Table 7
GCE 'O' Level Subject Description and Code

Code	Subject Description	Subj. Type	Code	Subject Description	Subj. Type
11	English as a First Language	O	60	Economics (OSIE)	O
12	Higher Chinese	O	61	Commerce / Commercial Studies	O
13	Higher Malay	O	62	Principles of Accounts	O
14	Higher Tamil	O	63	Combined Humanities	H
21	English as a Second Language	O	64	Humanities (Social Studies, Literature In Chinese)	H
22	Chinese	O	65	Humanities (Social Studies, Literature In Malay)	H
23	Malay	O	66	Humanities (Social Studies, Literature In Tamil)	H
24	Tamil	O	67	Humanities (Social Studies, History)	H
25	Bengali / Gujarati / Hindi / Punjabi / Urdu	O	68	Humanities (Social Studies, Geography)	H
29	Design Studies (Applied Subject)	O	69	Higher Art	H
30	Biotechnology (Applied Subject)	O	70	Higher Music	H
31	Arabic as a Third Language	O	71	Literature in English	H
32	Media Studies (Chinese) (Applied Subject)	O	72	Literature in Chinese	H
33	Geometrical & Mechanical Drawing	O	73	Literature in Malay	H
34	Woodwork / Metalwork / Metalwork (Engineering) / Electricity & Electronics	O	74	Literature in Tamil	H
35	Geometrical & Building Drawing	O	75	History	H
36	Design & Technology	O	76	Geography	H
37	Creative 3D Animation (Applied Subject)	O	77	Art / Art & Design	O
38	Introduction to Enterprise Development (Applied Subject)	O	78	Music	O
39	Electronics / Fundamentals of Electronics (Applied Subject)	O	79	Drama (OSIE)	O
40	Media Studies (English) (Applied Subject)	O	80	Fashion & Fabrics	O
41	Mathematics (Syllabus B, C or D)	M	81	Food & Nutrition	O
42	Additional Mathematics	M	82	Home Management	O
43	General Science	S	83	Health Science	O
44	Physics / Engineering Science	S	84	Bible Knowledge	-
45	Chemistry	S	85	Islamic Religious Knowledge	-
46	Biology	S	86	Hindu Studies	-
47	Human & Social Biology	S	87	Sikh Studies	-
48	Additional Science	S	88	Confucian Ethics	-
49	Combined Science	S	89	Buddhist Studies	-
50	Science (Phy, Chem) / Physical Science	S	90	Approved Asian / Foreign Languages	O
51	Science (Physics, Biology)	S	92	Chinese Language 'B' Syllabus	-
52	Science (Chemistry, Biology)	S	93	Malay Language 'B' Syllabus	-
53	Science (Physics, Chemistry, Biology)	S	94	Tamil Language 'B' Syllabus	-
54	Integrated Sci. / Additional Combined Sci.	S	95	Bahasa Indonesia as a Third Language	H
56	Humanities (Social Studies, Literature In English)	H	97	Chinese/Malay (Special Programme)	H
57	Physical Education (OSIE)	O	98	Mother Tongue Exemption	-
58	Business Studies (OSIE)	O	99	Others	O
59	Computing / Computer Studies (OSIE)	O			

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 Junior Colleges

Aggregate Range for L1R5 (excludes bonus points) <i>For further details on computing the aggregate, please refer to Section 5 Table 6.</i>	Meet Subject Requirements as specified in Table 10 ?	
	Yes	No
≤ 15	Eligible	Eligible for <i>Conditional Admission</i>
16 – 20		Eligible for <i>Conditional Admission</i> 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 Millennia Institute

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

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 (CLB), Malay Language 'B' Syllabus (MLB), Tamil Language 'B' Syllabus (TLB)	Merit or Pass
Mathematics:	
Mathematics	A1 to D7
OR Additional Mathematics	A1 to D7

* Official Mother Tongue Languages refer to Chinese Language (CL), Malay Language (ML) and Tamil Language (TL) 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 Junior Colleges and Millennia Institute

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-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-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-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-1, you will be given another year to obtain it (either in MI-1 or MI-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 “Previous (2018) JAE ELR2B2” in the table below shows the **net ELR2B2 aggregate of the lowest ranked students who were admitted to these courses through the 2018 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 2019 JAE may vary from previous years, depending on students’ GCE ‘O’ Level examination results and their course choices during the JAE.

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
APPLIED SCIENCES														
Biologics & Process Technology Specialisations: <ul style="list-style-type: none"> • Biopharmaceutical Technology • Process Technology 	C49	ELR2B2-C	15	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Physics, Biology) • Science (Chemistry, Biology) • Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Physics, Biology) • Science (Chemistry, Biology) • Science (Physics, Chemistry) / Physical Science 	
<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													
<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Physics, Biology) • Science (Chemistry, Biology) • Science (Physics, Chemistry) / Physical Science 														
Chemical & Pharmaceutical Technology Specialisations: <ul style="list-style-type: none"> • Petrochemical Technology • Pharmaceutical Technology 	C73	ELR2B2-C	16											
Food Science & Nutrition	C69	ELR2B2-C	14											
Medicinal Chemistry	C45	ELR2B2-C	12											
Molecular Biotechnology <ul style="list-style-type: none"> • General Track • Specialisation in Biomedical Sciences 	C74	ELR2B2-C	10											
Pharmaceutical Science Specialisations: <ul style="list-style-type: none"> • Pharmaceutical Practice • Clinical Trials 	C65	ELR2B2-C	11											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
BUILT ENVIRONMENT												
Architecture <i>(Previously known as Sustainable Architectural Design)</i>	C38	ELR2B2-C	20	<table> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26</p>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6
Subject	Grade											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-6											
c) Any two other subjects	1-6											
BUSINESS & MANAGEMENT												
Accountancy & Finance	C98	ELR2B2-B	14	<table> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects:</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects:	1-6
Subject	Grade											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-6											
c) Any three other subjects:	1-6											
Banking & Finance	C96	ELR2B2-B	14									
Business Management Specialisations: <ul style="list-style-type: none"> • Customer Relationship and Service Management • Event Management • Human Resource Management • International Business • E-Commerce and Retail Management • Supply Chain Management 	C94	ELR2B2-B	17	<p>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.26</p>								
Common Business Programme <i>(New Course in JAE)</i> 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: <ul style="list-style-type: none"> • Accountancy & Finance • Banking & Finance • Business Management • Hospitality & Tourism Management • Marketing 	C34	ELR2B2-B	-									
Food & Beverage Business Specialisations: <ul style="list-style-type: none"> • Food & Beverage Management • Culinary Arts 	C46	ELR2B2-B	17									
Hospitality & Tourism Management Specialisations: <ul style="list-style-type: none"> • Hotel & Resort Management • MICE Management 	C67	ELR2B2-B	16									
Marketing	C99	ELR2B2-B	18									

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
Mass Media Management	C93	ELR2B2-B	14	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects:</td> <td>1-6</td> </tr> </tbody> </table>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-6											
c) Any three other subjects:	1-6											
Sport & Wellness Management	C81	ELR2B2-B	16	<p>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.26</p>								
Business & Financial Technology <i>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 2019 intake.</i>	C35	ELR2B2-C	-	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Course Title & Code</th> <th style="width: 50%;">Previous (2018) JAE ELR2B2</th> </tr> </thead> <tbody> <tr> <td>Business Informatics, C78</td> <td>17</td> </tr> <tr> <td>Financial Informatics, C58</td> <td>15</td> </tr> </tbody> </table>					Course Title & Code	Previous (2018) JAE ELR2B2	Business Informatics, C78	17	Financial Informatics, C58	15		
Course Title & Code	Previous (2018) JAE ELR2B2											
Business Informatics, C78	17											
Financial Informatics, C58	15											
ENGINEERING												
Aeronautical & Aerospace Technology ⑤	C51	ELR2B2-C	15	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> </tbody> </table>	<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
<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											
Aerospace Systems & Management ⑤	C52	ELR2B2-C	15	<ul style="list-style-type: none"> • 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 								
Aerospace / Electrical / Electronics Programme The first semester is common to all students and they will opt for one of the following 3 Diploma courses at the end of semester 1: <ul style="list-style-type: none"> • Aerospace Systems & Management ⑤ • Electrical Engineering with Eco-Design ① • Electronic Systems ① 	C39	ELR2B2-C	21	<ul style="list-style-type: none"> • 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 								

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
<p>Aerospace / Mechatronics Programme</p> <p>The first academic year is common to all students and they will opt for one of the following 2 Diploma courses at the end of academic year 1:</p> <ul style="list-style-type: none"> • Aeronautical & Aerospace Technology ⑤ • Robotics & Mechatronics ① 	C40	ELR2B2-C	26	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • 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> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> • 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 	
<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													
<ul style="list-style-type: none"> • 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 														
<p>Biomedical Engineering ①</p> <p>Specialisations:</p> <ul style="list-style-type: none"> • Biomedical Device Technology • Quality System & Regulatory Compliance • Biomedical Design & Manufacturing Technology 	C71	ELR2B2-C	15											
<p>Common Engineering Programme</p> <p>The first semester is common to all students and they will opt for one of the following 9 Diploma courses at the end of semester 1:</p> <ul style="list-style-type: none"> • Aeronautical & Aerospace Technology ⑤ • Aerospace Systems & Management ⑤ • Biomedical Engineering ① • Digital & Precision Engineering • Electrical Engineering with Eco-Design ① • Electronic Systems ① • Engineering with Business • Robotics & Mechatronics ① • Nanotechnology & Materials Science ① 	C42	ELR2B2-C	26											
<p>Digital & Precision Engineering</p> <p>Specialisations:</p> <ul style="list-style-type: none"> • Mould & Tool Design Analysis • Precision Tool & Component Manufacturing • Equipment Design & Building 	C62	ELR2B2-C	26											
<p>Electronic Systems ①</p> <p>Specialisations:</p> <ul style="list-style-type: none"> • Audio Visual System Design • Business Management • Microelectronics • Smart Connected Systems 	C89	ELR2B2-C	26											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
Electrical Engineering with Eco-Design ① Specialisations: <ul style="list-style-type: none"> Power Systems Engineering Green & Smart Technologies Urban Transportation Systems 	C48	ELR2B2-C	26	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> 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> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> 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 	
<u>Subject</u>	<u>Grade</u>													
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b) Mathematics (Elementary/Additional)	1-6													
c) Any one of the following subjects:	1-6													
<ul style="list-style-type: none"> 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 														
Engineering with Business Specialisations: <ul style="list-style-type: none"> Business Servitization Product Engineering 	C41	ELR2B2-C	18											
Multimedia & Infocomm Technology Specialisations: <ul style="list-style-type: none"> Infocomm Solutions Communications and Networking Interactive Media IT Service Management 	C75	ELR2B2-C	26											
Nanotechnology & Materials Science ① Specialisations: <ul style="list-style-type: none"> Materials for Sustainable Technology Functional & Structured Materials Advanced Electronic Materials & Semiconductor Technology 	C50	ELR2B2-C	17											
Robotics & Mechatronics ① Specialisations: <ul style="list-style-type: none"> Wafer Fabrication Technology Automation & Robotics Technology Biomedical Engineering Aerospace Technology 	C87	ELR2B2-C	19											
HEALTH SCIENCES														
Oral Health Therapy ② ③	C72	ELR2B2-C	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Human & Social Biology Physics / Engineering Science Science (Physics, Biology) Science (Chemistry, Biology) Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Human & Social Biology Physics / Engineering Science Science (Physics, Biology) Science (Chemistry, Biology) Science (Physics, Chemistry) / Physical Science 	
<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													
<ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Human & Social Biology Physics / Engineering Science Science (Physics, Biology) Science (Chemistry, Biology) Science (Physics, Chemistry) / Physical Science 														
Nursing ②	C97*	ELR2B2-C	28											

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

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
Social Sciences (Social Work)	C47	ELR2B2-A	14	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any three other subjects	1-6											
INFORMATION & DIGITAL TECHNOLOGIES												
Business Intelligence & Analytics	C43	ELR2B2-C	17	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-6											
c) Any two other subjects	1-6											
<p>Common ICT Programme</p> <p>(New Course in JAE)</p> <p>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:</p> <ul style="list-style-type: none"> • Business & Financial Technology • Business Intelligence & Analytics • Cybersecurity & Digital Forensics • Infocomm & Security • Information Technology 	C36	ELR2B2-C	-	<p>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.26.</p>								
<p>Cybersecurity & Digital Forensics</p> <p>(Previously known as Cyber Security & Forensics)</p> <p>Specialisations:</p> <ul style="list-style-type: none"> • Cyber Security • Cyber Forensics 	C54	ELR2B2-C	10									
<p>Digital Visual Effects</p> <p>Specialisations:</p> <ul style="list-style-type: none"> • Visual effects for film, television and commercials • Visual effects for animation and visualization 	C57	ELR2B2-C	17									
<p>Infocomm & Security</p> <p>Specialisations:</p> <ul style="list-style-type: none"> • Systems & Network Security • Enterprise Infrastructure • Infocomm Solutions 	C80	ELR2B2-C	19									

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
Game Development & Technology Specialisations: <ul style="list-style-type: none"> • Game Programming • Game Analytics • Real-Time Simulation 	C70	ELR2B2-C	14	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-6											
c) Any two other subjects	1-6											
Information Technology Specialisations: <ul style="list-style-type: none"> • Artificial Intelligence • Cyber Security • Enterprise Cloud Computing • Geospatial & Mobile Innovation 	C85	ELR2B2-C	18									
MEDIA & DESIGN												
Animation ④ Specialisations: <ul style="list-style-type: none"> • 2D and 3D Animation • Character Animation • Comic and Illustration • Concept Art 	C61	ELR2B2-D	11	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-7											
c) Any two other subjects	1-6											
Digital Game Art & Design ④ Specialisations: <ul style="list-style-type: none"> • 2D and 3D Game Art • Game Character and Environment Design • Concept Art • Game Design 	C60	ELR2B2-D	14									
Interaction Design ④ Specialisations: <ul style="list-style-type: none"> • User Experience Design for Media & Web • Interactive Digital Installations 	C59	ELR2B2-D	20									
Motion Graphics & Broadcast Design ④ Specialisations: <ul style="list-style-type: none"> • Motion Design for Advertising, Film, Broadcast & Edutainment • Design for Commercial and Digital Media Advertising • Design for Corporate Branding 	C66	ELR2B2-D	19									
Industrial Design ④	C83	ELR2B2-D	20									
Spatial Design ④	C64	ELR2B2-D	20									

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
Visual Communication ④ Specialisations: <ul style="list-style-type: none"> • Visual Merchandising • Visual Branding and Identity • Visual Design 	C63	ELR2B2-D	19	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<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>Subject</u>	<u>Grade</u>											
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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 Due to the special requirements of the healthcare professions, all applicants 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 ability (interpersonal ability and behavioural stability)** to provide safe care to populations, as well as safety to self, and demonstrate self-control and behavioural stability to function and adapt effectively and sensitively in a dynamic role.
 - **Physical ability** to move around in clinical environment, walk/stand, bend, reach, lift, climb, push and pull, carry objects and perform complex sequences of hand eye coordination.
 - **Auditory ability** to hear faint body sounds, auditory alarms and normal speaking level sounds (i.e. blood pressure sounds, monitors, call bells and person-to-person report).
 - **Visual ability** to detect changes in physical appearance, colour and contour, read medication labels, syringes, manometers, and written communication accurately.
- 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 “Previous (2018) JAE ELR2B2” in the table below shows the **net ELR2B2 aggregate of the lowest ranked students who were admitted to these courses through the 2018 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 2019 JAE may vary from previous years, depending on students’ GCE ‘O’ Level examination results and their course choices during the JAE.

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
APPLIED SCIENCES														
Biomedical Science <i>The Molecular Biotechnology course has been merged into this course and will no longer be offered for the 2019 intake.</i>	N59	ELR2B2-C	7	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Food & Nutrition • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Food & Nutrition • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 	
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Course Title & Code	Previous (2018) JAE ELR2B2													
Molecular Biotechnology, N49	8													
Specialisations: <ul style="list-style-type: none"> • Clinical Laboratory Technology • Mainstream 														
Pharmaceutical Science ① <i>(Previously known as Pharmacy Science)</i>	N73	ELR2B2-C	9											
Veterinary Bioscience	N90	ELR2B2-C	8											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements															
Chemical & Biomolecular Engineering Specialisation: • Pharma & Biopharmaceutical	N56	ELR2B2-C	12	<table border="0"> <thead> <tr> <th></th> <th><u>Subject</u></th> <th><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-7</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c)</td> <td>Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> • 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> <td></td> </tr> </tbody> </table>		<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		<ul style="list-style-type: none"> • 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 	
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Environmental & Water Technology	N74	ELR2B2-C	15	<table border="0"> <thead> <tr> <th></th> <th><u>Subject</u></th> <th><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-7</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c)</td> <td>Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.26.</p>		<u>Subject</u>	<u>Grade</u>	a)	English Language	1-7	b)	Mathematics (Elementary/Additional)	1-7	c)	Any two other subjects	1-6			
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a)	English Language	1-7																	
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Landscape Design & Horticulture	N57	ELR2B2-D	17	<table border="0"> <thead> <tr> <th></th> <th><u>Subject</u></th> <th><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-7</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c)</td> <td>Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.26.</p>		<u>Subject</u>	<u>Grade</u>	a)	English Language	1-7	b)	Mathematics (Elementary/Additional)	1-7	c)	Any two other subjects	1-6			
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BUILT ENVIRONMENT																			
Hotel & Leisure Facilities Management ② ④	N40	ELR2B2-C	13	<table border="0"> <thead> <tr> <th></th> <th><u>Subject</u></th> <th><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-7</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c)</td> <td>Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> • 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 </td> <td></td> </tr> </tbody> </table>		<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		<ul style="list-style-type: none"> • 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 	
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Real Estate Business	N48	ELR2B2-C	16	<table border="0"> <thead> <tr> <th></th> <th><u>Subject</u></th> <th><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-7</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c)</td> <td>Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> • 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 </td> <td></td> </tr> </tbody> </table>		<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		<ul style="list-style-type: none"> • 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 	
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Sustainable Urban Design & Engineering Specialisations: • Architecture • Civil Engineering	N89	ELR2B2-C	15	<p>Note: *To be eligible for selection, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.26.</p>															

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
BUSINESS & MANAGEMENT												
Accountancy	N51	ELR2B2-B	11	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-B Aggregate Type on p.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
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Arts Business Management	N91	ELR2B2-B	11									
Banking & Finance <i>(Previously known as Banking & Financial Services)</i>	N53	ELR2B2-B	11									
Business & Social Enterprise	N79	ELR2B2-B	12									
Business Studies Specialisations: <ul style="list-style-type: none"> • Entrepreneurship • Human Capital Management • Marketing 	N45	ELR2B2-B	11									
Common Business Programme <i>(New Course in JAE)</i> At the end of the first year, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> • Accountancy • Banking & Finance • Business Studies • International Trade & Business • Tourism & Resort Management 	N97	ELR2B2-B	-									
International Trade & Business	N85	ELR2B2-B	10									
Tourism & Resort Management	N72	ELR2B2-B	11									

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements																														
ENGINEERING																																		
Aerospace Electronics ① ② ④	N75	ELR2B2-C	15	<table border="0"> <thead> <tr> <th style="text-align: left;">Subject</th> <th style="text-align: left;">Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td>• Biology</td> <td></td> </tr> <tr> <td>• Biotechnology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Combined Science</td> <td></td> </tr> <tr> <td>• Computing / Computer Studies</td> <td></td> </tr> <tr> <td>• Design & Technology</td> <td></td> </tr> <tr> <td>• Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>• Physics / Engineering Science</td> <td></td> </tr> <tr> <td>• Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Chemistry) / Physical Science</td> <td></td> </tr> </tbody> </table>	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	
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Aerospace Engineering ① ② ④ <i>(Previously known as Aerospace Technology)</i> Specialisations: <ul style="list-style-type: none"> • Aerospace Design • Aviation Management • Maintenance, Repair and Overhaul 	N65	ELR2B2-C	13																															
Audio-visual Technology ② ③ ④	N76	ELR2B2-C	13																															
Automation & Mechatronic Systems ② ③ ④ Specialisations: <ul style="list-style-type: none"> • Aerospace Systems • Marine & Offshore Systems • Industrial Systems 	N50	ELR2B2-C	19																															
Biomedical Engineering ② ③	N60	ELR2B2-C	12																															
Clean Energy Management ② ③ ④	N84	ELR2B2-C	16																															
Common Engineering Programme <i>(New Course in JAE)</i> At the end of the first year, students will opt for Diploma courses from one of the following tracks: Mechanical Track: <ul style="list-style-type: none"> • Aerospace Engineering ① ② ④ • Automation & Mechatronic Systems ② ③ ④ • Marine & Offshore Technology ②④ • Mechanical Engineering ② ④ Electrical & Electronic Track: <ul style="list-style-type: none"> • Aerospace Electronics ① ② ④ • Biomedical Engineering ② ③ • Clean Energy Management ②③④ • Electrical Engineering ② ③ • Electronic & Computer Engineering ② ③ 	N71	ELR2B2-C	-																															

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
Electrical Engineering ② ③ Specialisations: <ul style="list-style-type: none"> • Audio-visual Technology • Electric Transportation • Electronics • Engineering Management • Engineering Product Development • Marine & Offshore Electrical Systems • Power Engineering • Solar Technology 	N43	ELR2B2-C	20	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td colspan="2"> <ul style="list-style-type: none"> • 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> </tbody> </table>	<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	<ul style="list-style-type: none"> • 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 	
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Electronic & Computer Engineering ② ③ Specialisations: <ul style="list-style-type: none"> • Aerospace Electronics • Computer & Mobile Technology • Digital Media & Communications • Microelectronics • Network Systems & Security 	N44	ELR2B2-C	17											
Engineering Science ② ③ ④ Specialisations: <ul style="list-style-type: none"> • Automation & Mechatronic Systems • Electrical & Electronic Engineering • Mechanical Engineering 	N93	ELR2B2-C	10											
Mechanical Engineering ② ④ Specialisations: <ul style="list-style-type: none"> • Automotive Technology & Motorsports • Biomedical Applications • Design Innovation • Environment & Energy Systems 	N41	ELR2B2-C	17											
HEALTH SCIENCES														
Nursing ⑤ <i>[Previously known as Health Sciences (Nursing)]</i>	N69*	ELR2B2-C	28	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td colspan="2"> <ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Human & Social Biology • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science </td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Human & Social Biology • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 	
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Optometry ②	N83	ELR2B2-C	13											

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

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
HUMANITIES												
Early Childhood Development & Education ⑥ ⑦ (New Course in JAE) Track: <ul style="list-style-type: none"> • Early Intervention 	N96	ELR2B2-A	-	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>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).</i></p> <p><i>To be eligible for selection, 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.26.</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6
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a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-6											
c) Any three other subjects	1-6											
Chinese Studies ⑧ Specialisations: <ul style="list-style-type: none"> • Education • Business Chinese • Chinese Early Childhood 	N70	ELR2B2-A	14	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Higher Chinese or Chinese</td> <td>1-4 1-2</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional) and one subject listed in the 1st group of relevant subjects for the ELR2B2-A Aggregate Type on p.26.</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Higher Chinese or Chinese	1-4 1-2	c) Any three other subjects	1-6
<u>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Higher Chinese or Chinese	1-4 1-2											
c) Any three other subjects	1-6											
Psychology Studies	N77	ELR2B2-A	8	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>To be eligible for selection, 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.26.</i></p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any three other subjects	1-6											
Tamil Studies with Early Education ⑥ ⑦ ⑧	N95	ELR2B2-A	21	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Higher Tamil or Tamil</td> <td>1-4 1-2</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional) and one subject listed in the 1st group of relevant subjects for the ELR2B2-A Aggregate Type on p.26.</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Higher Tamil or Tamil	1-4 1-2	c) Any three other subjects	1-6
<u>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Higher Tamil or Tamil	1-4 1-2											
c) Any three other subjects	1-6											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
INFORMATION & DIGITAL TECHNOLOGIES												
Common ICT Programme (New Course in JAE) At the end of the first semester, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> • Cybersecurity & Digital Forensics ② • Financial Informatics ② • Information Technology ② 	N98	ELR2B2-C	-	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-6											
c) Any two other subjects	1-6											
Cybersecurity & Digital Forensics ② (Previously known as Information Security & Forensics)	N94	ELR2B2-C	10									
Financial Informatics ②	N81	ELR2B2-C	13									
Information Technology ②	N54	ELR2B2-C	13									
Immersive Media & Game Design ② ③ ④ Specialisations: <ul style="list-style-type: none"> • Game Design • Immersive Interactive Media 	N55	ELR2B2-C	14									
Network Systems & Security ② ⑨ Specialisations: <ul style="list-style-type: none"> • Data Security & Forensics • Network & Cloud Architecture 	N64	ELR2B2-C	11									

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements																														
MARITIME STUDIES																																		
Marine & Offshore Technology ② ④ Specialisations: • Design • Oil & Gas	N42	ELR2B2-C	20	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td>• Biology</td> <td></td> </tr> <tr> <td>• Biotechnology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Combined Science</td> <td></td> </tr> <tr> <td>• Computing / Computer Studies</td> <td></td> </tr> <tr> <td>• Design & Technology</td> <td></td> </tr> <tr> <td>• Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>• Physics / Engineering Science</td> <td></td> </tr> <tr> <td>• Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Chemistry) / Physical Science</td> <td></td> </tr> </tbody> </table>	<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	
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• Science (Physics, Biology)																																		
• Science (Physics, Chemistry) / Physical Science																																		
MEDIA & DESIGN																																		
Mass Communication Specialisations: • Advertising & Public Relations • Broadcast Media • Digital Media Communication • Journalism	N67	ELR2B2-A	10	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-4</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>To be eligible for selection, 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.26.</i></p>	<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>Subject</u>	<u>Grade</u>																																	
a) English Language	1-4																																	
b) Mathematics (Elementary/Additional)	1-7																																	
c) Any three other subjects	1-6																																	
Animation ② ③ ④ (Previously known as Animation & 3D Arts) Specialisations: • Character Animation • 3D Arts	N92	ELR2B2-D	11	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>To be eligible for selection, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.26.</i></p>	<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>Subject</u>	<u>Grade</u>																																	
a) English Language	1-7																																	
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c) Any two other subjects	1-6																																	
Chinese Media & Communication	N88	ELR2B2-A	15	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Higher Chinese or Chinese</td> <td>1-4 1-3</td> </tr> <tr> <td>d) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>To be eligible for selection, 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.26.</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Higher Chinese or Chinese	1-4 1-3	d) Any two other subjects	1-6																				
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b) Mathematics (Elementary/Additional)	1-7																																	
c) Higher Chinese or Chinese	1-4 1-3																																	
d) Any two other subjects	1-6																																	

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
Visual Effects ②	N78	ELR2B2-D	14	<table> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any two other subjects	1-6
Subject	Grade											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any two other subjects	1-6											
Film, Sound & Video ② ④	N82	ELR2B2-D	10	<p>Note: To be eligible for selection, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.26.</p>								
Product Design & Innovation ②	N68	ELR2B2-D	17	<table> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, you must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.26.</p>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6
Subject	Grade											
a) English Language	1-7											
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c) Any two other subjects	1-6											

Note: (Ngee Ann Polytechnic)

- ① It should be noted that for N65 (Diploma in Aerospace Engineering), N73 (Diploma in Pharmaceutical Science) and N75 (Diploma in Aerospace Electronics), applicants with colour vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to refer to Ngee Ann Polytechnic's webpage for more information.
- ② It should be noted that applicants with severe vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to refer to Ngee Ann Polytechnic's webpage for more information.
- ③ It should be noted that 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 It should be noted that applicants with hearing deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to refer to Ngee Ann Polytechnic's webpage for more information.
- ⑤ Due to the special requirements of the healthcare professions, applicants applying for **N69 (Diploma in Nursing)** have to undergo a medical examination and be able to meet the requirement of the course. Interested applicants are advised to refer to Ngee Ann Polytechnic's webpage for more information.
- ⑥ Due to the special requirements of the early childhood teaching profession, applicants applying for **N96 (Diploma in Early Childhood Development & Education)** and **N95 (Diploma in Tamil Studies with Early Education)** have to undergo a medical examination and be certified not to have communicable diseases and have the following abilities to perform the job functions in a safe and effective manner:
 - Mental ability (interpersonal ability and behavioural stability) to provide safe care to children, as well as safety to self, and demonstrate self-control and behavioural stability to function and adapt effectively and sensitively in a dynamic role.
 - Physical ability to move around in a preschool environment, walk/stand, bend, reach, lift, climb, push and pull, carry objects and perform complex sequences of hand eye coordination.
 - Auditory ability to hear faint sounds, alarms and normal speaking level sounds.
 - Visual ability to detect changes in physical appearance, colour and contour and read written communication accurately.
- ⑦ **N96 (Diploma in Early Childhood Development & Education)** and **N95 (Diploma in Tamil Studies with Early Education)**
Applicants admitted to N96 (Diploma in Early Childhood Development & Education) or N95 (Diploma in Tamil Studies with Early Education) who would like to register as early childhood English Language teachers must ensure they obtain

a minimum B4 in 'O' Level English (English as a First Language) or English Language Acceptable Alternatives within 2 years of their registration as early childhood English Language teachers.

Students will graduate with a diploma awarded by the National Institute of Early Childhood Development in collaboration with Ngee Ann Polytechnic.

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

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/teach/.

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.

Students who chose the **Chinese Early Childhood Teaching specialisation option (at the end of year 1)** have to undergo a medical examination and be certified not to have communicable diseases and have the following abilities to perform the job functions in a safe and effective manner:

- Mental ability (interpersonal ability and behavioural stability) to provide safe care to children, as well as safety to self, and demonstrate self-control and behavioural stability to function and adapt effectively and sensitively in a dynamic role
- Physical ability to move around in a preschool environment, walk/stand, bend, reach, lift, climb, push and pull, carry objects and perform complex sequences of hand eye coordination.
- Auditory ability to hear faint sounds, alarms and normal speaking level sounds.
- Visual ability to detect changes in physical appearance, colour and contour and read written communication accurately.

⑨ **N64 (Diploma in Network Systems & Security)**

Applicants for **N64 (Diploma in Network Systems & Security)** who have successfully completed the Cisco Certified Network Associate (CCNA) course or any course or industry certifications relevant to this Diploma will be granted exemptions for relevant modules in this Diploma if they pass an in-house practical test and viva.

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 “Previous (2018) JAE ELR2B2” in the table below shows the **net ELR2B2 aggregate of the lowest ranked students who were admitted to these courses through the 2018 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 2019 JAE may vary from previous years, depending on students’ GCE ‘O’ Level examination results and their course choices during the JAE.

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements																														
APPLIED SCIENCES																																		
Biomedical Science ① Specialisations: • Biomedical Research • Medical Laboratory Technology	R14	ELR2B2-C	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects</td> <td>1-6</td> </tr> <tr> <td>• Biology</td> <td></td> </tr> <tr> <td>• Biotechnology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Combined Science</td> <td></td> </tr> <tr> <td>• Design & Technology</td> <td></td> </tr> <tr> <td>• Food & Nutrition</td> <td></td> </tr> <tr> <td>• Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>• Physics / Engineering Science</td> <td></td> </tr> <tr> <td>• Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Chemistry) / Physical Science</td> <td></td> </tr> </tbody> </table>	<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		• Design & Technology		• Food & Nutrition		• Electronics / Fundamentals of Electronics		• Physics / Engineering Science		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry) / Physical Science	
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Biotechnology ① Specialisations: • Biotechnology Research • Food and Nutrition	R16	ELR2B2-C	16																															
Environmental Science ① Specialisations: • Environmental Biotechnology • Environmental Technology and Management	R29	ELR2B2-C	26																															
Marine Science & Aquaculture ① ②	R53	ELR2B2-C	15																															
Materials Science ① Specialisations: • Advanced Materials • Biomedical Materials	R17	ELR2B2-C	26																															
Pharmaceutical Science ① ③ Specialisations: • Industrial Pharmacy and Marketing • Pharmacy Practice	R22	ELR2B2-C	18																															

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
BUILT ENVIRONMENT														
Green Building Energy Management	R41	ELR2B2-C	26	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • 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> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> • 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 	
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BUSINESS & MANAGEMENT														
Business & Social Enterprise <i>(Previously known as Social Enterprise Management)</i>	R51	ELR2B2-B	21	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<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>Subject</u>	<u>Grade</u>													
a) English Language	1-6													
b) Mathematics (Elementary/Additional)	1-6													
c) Any three other subjects	1-6													
Common Business Programme <i>(New Course in JAE)</i> 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:	R57	ELR2B2-B	-											
<ul style="list-style-type: none"> • Business & Social Enterprise • Consumer Behaviour & Research • Customer Experience Management with Business • Hotel & Hospitality Management • Human Resource Management with Psychology • Integrated Events Management • Restaurant & Culinary Operations • Wellness & Hospitality Business 														

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
Consumer Behaviour & Research	R48	ELR2B2-B	20	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<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>Subject</u>	<u>Grade</u>													
a) English Language	1-6													
b) Mathematics (Elementary/Additional)	1-6													
c) Any three other subjects	1-6													
Customer Experience Management with Business Specialisation: • Leisure Travel and Attractions Management	R34	ELR2B2-B	26											
Hotel & Hospitality Management ④	R37	ELR2B2-B	22											
Human Resource Management with Psychology	R52	ELR2B2-B	17											
Integrated Events Management Specialisation: • Leisure Travel and Attractions Management	R28	ELR2B2-B	26											
Outdoor & Adventure Learning ② ⑤	R33	ELR2B2-B	25											
Restaurant & Culinary Operations ④	R46	ELR2B2-B	26											
Sport Management <i>(Previously known as Sports and Leisure Management)</i>	R27	ELR2B2-B	26											
Wellness & Hospitality Business ⑥	R44	ELR2B2-B	23											
Aviation Management ①	R39	ELR2B2-C	19	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects</td> <td>1-6</td> </tr> <tr> <td colspan="2"> <ul style="list-style-type: none"> • 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> </tbody> </table>	<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	<ul style="list-style-type: none"> • 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 	
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Industrial & Operations Management	R11	ELR2B2-C	24											
Supply Chain Management	R21	ELR2B2-C	22											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
ENGINEERING														
Aerospace Engineering	R40	ELR2B2-C	22	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • 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> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> • 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 	
<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													
<ul style="list-style-type: none"> • 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 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: <ul style="list-style-type: none"> • Aerospace Engineering • Aviation Management • Electrical & Electronic Engineering • Engineering Design with Business • Engineering Systems & Management • Green Building Energy Management • Industrial & Operations Management • Supply Chain Management 	R42	ELR2B2-C	26											
Electrical & Electronic Engineering Specialisations: <ul style="list-style-type: none"> • Biomedical Electronics • Microelectronics • Digital Media and Communications 	R50	ELR2B2-C	26											
Engineering Design with Business	R56	ELR2B2-C	25											
Engineering Systems & Management Specialisations: <ul style="list-style-type: none"> • Intelligent Systems • Urban Transport Solutions 	R54	ELR2B2-C	26											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
HEALTH SCIENCES												
Health Management & Promotion	R43	ELR2B2-C	26	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects</td> <td>1-6</td> </tr> </tbody> </table>	<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
<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											
Health Services Management	R45	ELR2B2-C	26	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Food & Nutrition • Electronics / Fundamentals of Electronics • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 								
Sport Coaching	R49	ELR2B2-C	14									
Sport & Exercise Science	R26	ELR2B2-C	19									
MEDIA & DESIGN												
Mass Communication	R32	ELR2B2-A	18	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-4</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, 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.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-4											
b) Mathematics (Elementary/Additional)	1-7											
c) Any three other subjects	1-6											
Specialisations: <ul style="list-style-type: none"> • Journalism • Public Relations & Marketing Communication 												
Arts & Theatre Management	R25	ELR2B2-A	21	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, 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.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any three other subjects	1-6											
Media Production & Design	R19	ELR2B2-A	21									
Design for User Experience	R36	ELR2B2-D	22	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-7											
c) Any two other subjects	1-6											
Game Design	R35	ELR2B2-D	20	<p>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.26.</p>								
Sonic Arts ⑦	R24	ELR2B2-D	20									

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
INFORMATION & DIGITAL TECHNOLOGIES												
Business Applications	R18	ELR2B2-C	26	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-6											
c) Any two other subjects	1-6											
Business Information Systems	R13	ELR2B2-C	26									
Common ICT Programme (New Course in JAE) 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: <ul style="list-style-type: none"> • Business Applications • Business Information Systems • Infocomm Security Management • Information Technology • Mobile Software Development 	R58	ELR2B2-C	-	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.26.								
Infocomm Security Management	R55	ELR2B2-C	21									
Information Technology Specialisation: <ul style="list-style-type: none"> • Enterprise Infrastructure Management 	R12	ELR2B2-C	26									
Mobile Software Development	R47	ELR2B2-C	26									

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 This course will demand from students a considerable amount of involvement in water-based activities. As such, students should be able to show confidence in water related activities.
- ③ In line with industry requirements, applicants who are interested to apply for a Diploma in Pharmaceutical Science should ensure that they do not have colour appreciation deficiency.
- ④ It should be noted that candidates with colour appreciation deficiency, hearing and/or physical impairments may encounter difficulties meeting the course requirements and expectations. For more clarifications and information, please check directly with Republic Polytechnic.
- ⑤ 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 and/or visual impairments. Applicants who are comfortable with physically-strenuous activities would have an advantage. For more clarifications and information, please check directly with Republic Polytechnic.
- ⑥ In line with industry requirements, applicants who are interested to apply for the Diploma in Wellness & Hospitality Business (R44) should not have any difficulties in mobility.
- ⑦ It should be noted that applicants with hearing impairment who are interested in applying for a Diploma in Sonic Arts (R24) may encounter difficulties meeting the course requirements and expectations. For more clarifications and information, please check directly with Republic Polytechnic.

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 “Previous (2018) JAE ELR2B2” in the table below shows the **net ELR2B2 aggregate of the lowest ranked students who were admitted to these courses through the 2018 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 2019 JAE may vary from previous years, depending on students’ GCE ‘O’ Level examination results and their course choices during the JAE.

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
APPLIED SCIENCES														
Applied Chemistry ⑥ Specialisations: <ul style="list-style-type: none"> Industrial Chemistry Materials Science Pharmaceutical Science 	S64	ELR2B2-C	10	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Physics / Engineering Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd relevant subjects:	1-6	<ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Physics / Engineering Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry) / Physical Science 	
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<ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Physics / Engineering Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry) / Physical Science 														
Biomedical Science ① Specialisations: <ul style="list-style-type: none"> Biomedical Research Cardiac Technology Medical Technology 	S98	ELR2B2-C	7											
Biotechnology	S72	ELR2B2-C	9											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
Chemical Engineering	S70	ELR2B2-C	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd relevant subjects:	1-6	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 	
<u>Subject</u>	<u>Grade</u>													
a) English Language	1-7													
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c) One of the following 3 rd relevant subjects:	1-6													
<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Design & Technology • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 														
Food Science & Technology	S47	ELR2B2-C	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd relevant subjects:	1-6	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 	
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a) English Language	1-7													
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c) One of the following 3 rd relevant subjects:	1-6													
<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 														
Nutrition, Health & Wellness	S44	ELR2B2-C	9	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 										
Perfumery & Cosmetic Science Specialisations: • FEEL • SENSE	S38	ELR2B2-C	13											
BUILT ENVIRONMENT														
Architecture	S66	ELR2B2-D	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>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.26.</i></p>	<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>Subject</u>	<u>Grade</u>													
a) English Language	1-7													
b) Mathematics (Elementary/Additional)	1-7													
c) Any two other subjects	1-6													
Landscape Architecture	S94	ELR2B2-D	16											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
Civil Engineering with Business	S68	ELR2B2-C	20	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • 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> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd relevant subjects:	1-6	<ul style="list-style-type: none"> • 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 	
<u>Subject</u>	<u>Grade</u>													
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c) One of the following 3 rd relevant subjects:	1-6													
<ul style="list-style-type: none"> • 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 														
Facilities Management	S95	ELR2B2-C	15	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • 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 </td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd relevant subjects:	1-6	<ul style="list-style-type: none"> • 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>Subject</u>	<u>Grade</u>													
a) English Language	1-7													
b) Mathematics (Elementary/Additional)	1-6													
c) One of the following 3 rd relevant subjects:	1-6													
<ul style="list-style-type: none"> • 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 														
Integrated Events & Project Management	S50	ELR2B2-C	15	<p>Note: <i>*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.26.</i></p>										

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
BUSINESS & MANAGEMENT												
Accountancy	S75	ELR2B2-B	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-6											
c) Any three other subjects	1-6											
Banking & Finance	S76	ELR2B2-B	13									
Business Administration Specialisations: <ul style="list-style-type: none"> • Entrepreneurship • Marketing Management • Operations Management 	S71	ELR2B2-B	13									
Common Business Programme (New Course in JAE) At the end of Year 1, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> • Accountancy • Banking & Finance • Business Administration • Human Resource Management with Psychology 	S31	ELR2B2-B	-									
Human Resource Management with Psychology	S48	ELR2B2-B	13									
Financial Informatics	S46	ELR2B2-C	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6
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Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements																														
ENGINEERING																																		
Aeronautical Engineering ②	S88	ELR2B2-C	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td>• Biology</td> <td></td> </tr> <tr> <td>• Biotechnology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Combined Science</td> <td></td> </tr> <tr> <td>• Computing / Computer Studies</td> <td></td> </tr> <tr> <td>• Design & Technology</td> <td></td> </tr> <tr> <td>• Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>• Physics / Engineering Science</td> <td></td> </tr> <tr> <td>• Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Chemistry) / Physical Science</td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd 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	
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• Science (Physics, Chemistry) / Physical Science																																		
Aerospace Electronics ②	S90	ELR2B2-C	14																															
Bioengineering	S58	ELR2B2-C	13																															
Common Engineering Programme At the end of the first semester, students will opt for one of the following Diploma courses:	S40	ELR2B2-C	16																															
<ul style="list-style-type: none"> • Aeronautical Engineering ② • Aerospace Electronics ② • Bioengineering • Computer Engineering • Electrical & Electronic Engineering ③ • Engineering with Business • Mechanical Engineering • Mechatronics & Robotics 																																		
Computer Engineering <u>Specialisations:</u>	S53	ELR2B2-C	15																															
<ul style="list-style-type: none"> • Cloud Systems • Computer Applications • Computer Networking • Cyber Security • Infocomm Technologies • Network System Administration • Smart City Technologies 																																		

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
Electrical & Electronic Engineering ③ Specialisations: <ul style="list-style-type: none"> • Biomedical Engineering • Communication Engineering • Microelectronics • Power Engineering • Rapid Transit Technology • Robotics & Control 	S99	ELR2B2-C	18	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • 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> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd relevant subjects:	1-6	<ul style="list-style-type: none"> • 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 	
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Engineering with Business	S42	ELR2B2-C	15											
Mechanical Engineering Specialisations: <ul style="list-style-type: none"> • Aerospace Technology • Energy Systems • Facilities Management • Machine Design • Precision Engineering • Product Realisation 	S91	ELR2B2-C	15											
Mechatronics & Robotics	S73	ELR2B2-C	12											
HEALTH SCIENCES														
Optometry ④	S67	ELR2B2-C	13	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd relevant subjects:	1-6	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Food & Nutrition • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science 	
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HUMANITIES														
Applied Drama & Psychology	S43	ELR2B2-A	14	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>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.26.</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any three other subjects	1-6		
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Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
Creative Writing for Television & New Media	S41	ELR2B2-A	12	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-4</td> </tr> <tr> <td>b) Mathematics (Elementary/ Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-4	b) Mathematics (Elementary/ Additional)	1-7	c) Any three other subjects	1-6
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a) English Language	1-4											
b) Mathematics (Elementary/ Additional)	1-7											
c) Any three other subjects	1-6											
INFORMATION & DIGITAL TECHNOLOGIES												
Common ICT Programme (New Course in JAE) At the end of the first semester, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> • Infocomm Security Management • Information Technology 	S32	ELR2B2-C	-	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<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>Subject</u>	<u>Grade</u>											
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c) Any two other subjects	1-6											
Infocomm Security Management	S54	ELR2B2-C	10									
Information Technology The Business Information Technology course has been merged into this course and will no longer be offered for the 2019 intake. <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: center;">Course Title & Code</th> <th style="text-align: center;">Previous (2018) JAE ELR2B2</th> </tr> </thead> <tbody> <tr> <td>Business Information Technology, S82</td> <td style="text-align: center;">14</td> </tr> </tbody> </table> <p>Specialisations:</p> <ul style="list-style-type: none"> • Data Science & Digital Analytics • Software & Applications (UI & UX) • Software & Applications (Developer) 	Course Title & Code	Previous (2018) JAE ELR2B2	Business Information Technology, S82	14	S69	ELR2B2-C	13					
Course Title & Code	Previous (2018) JAE ELR2B2											
Business Information Technology, S82	14											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
MARITIME STUDIES														
Marine Engineering ⑤	S63	ELR2B2-C	20	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) One of the following 3rd relevant subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> • 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> <td></td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) One of the following 3 rd relevant subjects:	1-6	<ul style="list-style-type: none"> • 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 	
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Maritime Business	S74	ELR2B2-C	18	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6		
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b) Mathematics (Elementary/Additional)	1-6													
c) Any two other subjects	1-6													
MEDIA & DESIGN														
Digital Animation Specialisations: <ul style="list-style-type: none"> • Digital Assets • Animation 	S35	ELR2B2-D	10	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-7	c) Any two other subjects	1-6		
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Interior Design	S89	ELR2B2-D	14											
Visual Effects & Motion Graphics	S39	ELR2B2-D	14											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements														
Experience & Communication Design <i>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 2019 intake.</i> <table border="1"> <thead> <tr> <th>Course Title & Code</th> <th>Previous (2018) JAE ELR2B2</th> </tr> </thead> <tbody> <tr> <td>Experience & Product Design, S51</td> <td>18</td> </tr> <tr> <td>Visual Communication & Media Design, S93</td> <td>10</td> </tr> </tbody> </table>	Course Title & Code	Previous (2018) JAE ELR2B2	Experience & Product Design, S51	18	Visual Communication & Media Design, S93	10	S93	ELR2B2-D	-	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any two other subjects	1-6
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Visual Communication & Media Design, S93	10																	
<u>Subject</u>	<u>Grade</u>																	
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b) Mathematics (Elementary/Additional)	1-7																	
c) Any two other subjects	1-6																	
Game Design & Development	S56	ELR2B2-D	11	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6						
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Media & Communication	S86	ELR2B2-A	14	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-4</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-4	b) Mathematics (Elementary/Additional)	1-7	c) Any three other subjects	1-6						
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Music & Audio Technology	S97	ELR2B2-C	12	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>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.26.</p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6						
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Note: (Singapore Polytechnic)

- ① *The 1st year of S98 (Dip in Biomedical Science) is common and at the end of Year 1, students opt for one of the following programmes:*
 - i. *Biomedical Science (Biomedical Research)*
 - ii. *Biomedical Science (Cardiac Technology)*
 - iii. *Biomedical Science (Medical Technology)*
- ② *It should be noted that applicants particularly those who wish to pursue a career as a Licensed Aircraft Engineer (LAE) who have severe colour vision deficiency, uncontrolled epilepsy and hearing deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with mild deficiencies in these areas are advised to contact Singapore Polytechnic for consultation.*
- ③ *It should be noted that applicants, particularly those who wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), with colour vision deficiency may encounter difficulties meeting the course requirements and expectations, as this condition is required by the Energy Market Authority (EMA) of Singapore. Those with mild colour deficiency are required to undergo an in-house test. Interested applicants with this condition are highly encouraged 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).*
- ⑥ *At the end of Year 2, students opt for one of the following programmes:*
 - i. *Applied Chemistry (Industrial Chemistry)*
 - ii. *Applied Chemistry (Materials Science)*
 - iii. *Applied Chemistry (Pharmaceutical Science)*

DIRECT ADMISSIONS EXERCISE (DAE)

Application for admission to the Diploma in Nautical Studies is conducted as a separate admissions exercise by Singapore Polytechnic. Interested applicants should apply directly to Singapore Polytechnic @ <http://courseapplication.sp.edu.sg>.

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 “Previous (2018) JAE ELR2B2” in the table below shows the **net ELR2B2 aggregate of the lowest ranked students who were admitted to these courses through the 2018 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 2019 JAE may vary from previous years, depending on students’ GCE ‘O’ Level examination results and their course choices during the JAE.

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
APPLIED SCIENCES														
Chemical Engineering ④ Specialisations: ① <ul style="list-style-type: none"> Applied Chemistry Chemical Processing Pharmaceutical & Biologics Technology 	T33	ELR2B2-C	15	<table border="1"> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Physics / Engineering Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the following subjects:	1-6	<ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Physics / Engineering Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry) / Physical Science 	
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Food, Nutrition & Culinary Science ④ <i>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 2019 intake.</i>	T26	ELR2B2-C	-											
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Applied Food Science & Nutrition, T26	15													
Baking & Culinary Science, T44	16													
Specialisations: <ul style="list-style-type: none"> Applied Nutrition Central Kitchen Technology Food Technology 														

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements																
<p>Medical Biotechnology ② ④</p> <p><i>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 2019 intake.</i></p> <table border="1"> <thead> <tr> <th>Course Title & Code</th> <th>Previous (2018) JAE ELR2B2</th> </tr> </thead> <tbody> <tr> <td>Biomedical Science, T27</td> <td>9</td> </tr> <tr> <td>Biotechnology, T31</td> <td>10</td> </tr> </tbody> </table> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Clinical Laboratory Practice Translational Medical Research 	Course Title & Code	Previous (2018) JAE ELR2B2	Biomedical Science, T27	9	Biotechnology, T31	10	T64	ELR2B2-C	-	<table> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Physics / Engineering Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry) / Physical Science </td> <td></td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the following subjects:	1-6	<ul style="list-style-type: none"> Biology Biotechnology Chemistry Combined Science Food & Nutrition Physics / Engineering Science Science (Chemistry, Biology) Science (Physics, Biology) Science (Physics, Chemistry) / Physical Science 	
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<p>Pharmaceutical Science ④</p> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Pharmacy Practice Pharmaceuticals & Biologics 	T25	ELR2B2-C	11																	
<p>Veterinary Technology ① ④</p> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Veterinary Aquaculture 	T45	ELR2B2-C	9																	
<p>Biomedical Engineering ② ③ ④</p> <p>Specialisations:</p> <ul style="list-style-type: none"> Clinical Practices Hearing Science Bioinstrumentation 	T38	ELR2B2-C	14	<table> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> 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> <td></td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the following subjects:	1-6	<ul style="list-style-type: none"> 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 							
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Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements															
BUILT ENVIRONMENT																			
Green Building & Sustainability ③ ④ Specialisations: <ul style="list-style-type: none"> Building Simulation and Analysis Sustainable Architecture and Design Energy Management and Audit 	T29	ELR2B2-C	24	<table> <thead> <tr> <th></th> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-7</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c)</td> <td>Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> 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> <td></td> </tr> </tbody> </table>		Subject	Grade	a)	English Language	1-7	b)	Mathematics (Elementary/Additional)	1-6	c)	Any one of the following subjects:	1-6		<ul style="list-style-type: none"> 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 	
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Integrated Facility Management ④ Specialisations: <ul style="list-style-type: none"> Commercial Facilities Hospitality Facilities Airport Facilities 	T28	ELR2B2-C	18																
BUSINESS & MANAGEMENT																			
Accountancy & Finance <i>(Previously known as Accounting & Finance)</i> Specialisations: ① <ul style="list-style-type: none"> Accounting/Audit/Taxation Banking/Investment 	T02	ELR2B2-B	14	<table> <thead> <tr> <th></th> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-6</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c)</td> <td>Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-B Aggregate Type on p.26.</p>		Subject	Grade	a)	English Language	1-6	b)	Mathematics (Elementary/Additional)	1-6	c)	Any three other subjects	1-6			
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c)	Any three other subjects	1-6																	
Business <i>(New Course in JAE)</i> Specialisations: <ul style="list-style-type: none"> Banking & Finance Digital Business Innovation Human Resource Management & Development International Business & Entrepreneurship 	T10	ELR2B2-B	-																

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
<p>Common Business Programme</p> <p>(New Course in JAE)</p> <p>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.</p> <p>i. Dip in Accountancy & Finance</p> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Accounting/Audit/Taxation Banking/Investment <p>ii. Dip in Business</p> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Banking & Finance Digital Business Innovation Human Resource Management & Development International Business & Entrepreneurship <p>iii. Dip in Culinary & Catering Management</p> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Culinary Option Baking & Pastry Option <p>iv. Dip in Hospitality & Tourism Management</p> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Hotel & Accommodation Travel & Tourism MICE & Events <p>v. Dip in Law & Management (Note: Students opting to join the Dip in Law & Management must obtain grade 1 to 4 for O-level English Language.)</p> <p>vi. Dip in Logistics & Operations Management</p> <p>vii. Dip in Marketing</p> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Branding & Digital Marketing E-commerce & Retail Marketing 	T01	ELR2B2-B	-	<table> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-B Aggregate Type on p.26.</p>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6
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<p>Culinary & Catering Management ③ ④</p> <p>Specialisations: ①</p> <ul style="list-style-type: none"> Culinary Option Baking & Pastry Option 	T18	ELR2B2-B	16									

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements												
<p>Hospitality & Tourism Management</p> <p>The Leisure & Events Management course has been merged into this course and will no longer be offered for the 2019 intake.</p> <table border="1"> <thead> <tr> <th>Course Title & Code</th> <th>Previous (2018) JAE ELR2B2</th> </tr> </thead> <tbody> <tr> <td>Leisure & Events Management, T61</td> <td>18</td> </tr> </tbody> </table> <p>Specialisations: ①</p> <ul style="list-style-type: none"> • Hotel & Accommodation • Travel & Tourism • MICE & Events 	Course Title & Code	Previous (2018) JAE ELR2B2	Leisure & Events Management, T61	18	T08	ELR2B2-B	15	<table> <thead> <tr> <th>Subject</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-B Aggregate Type on p.26.</p>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6
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<p>Logistics & Operations Management</p> <p>(New Course in JAE)</p>	T07	ELR2B2-B	-													
<p>Marketing</p> <p>(New Course in JAE)</p> <p>This is a new course which has been formed from the merger of the following courses. The Retail Management course will no longer be offered for the 2019 intake.</p> <table border="1"> <thead> <tr> <th>Course Title & Code</th> <th>Previous (2018) JAE ELR2B2</th> </tr> </thead> <tbody> <tr> <td>Marketing (Previously offered under Business/ Logistics & Operations Management/ Marketing, T01)</td> <td>17</td> </tr> <tr> <td>Retail Management, T39</td> <td>20</td> </tr> </tbody> </table> <p>Specialisations: ①</p> <ul style="list-style-type: none"> • Branding & Digital Marketing • E-commerce & Retail Marketing 	Course Title & Code	Previous (2018) JAE ELR2B2	Marketing (Previously offered under Business/ Logistics & Operations Management/ Marketing, T01)	17	Retail Management, T39	20	T67	ELR2B2-B	-							
Course Title & Code	Previous (2018) JAE ELR2B2															
Marketing (Previously offered under Business/ Logistics & Operations Management/ Marketing, T01)	17															
Retail Management, T39	20															

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements															
Aviation Management ③ ④ <i>(Previously known as Aviation Management & Services)</i> Specialisations: <ul style="list-style-type: none"> • Airport Management • Airline Business • Air Traffic Management • Flight Training & Operations 	T04	ELR2B2-C	13	<table border="0"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-7</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c)</td> <td>Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td></td> <td> <ul style="list-style-type: none"> • 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> <td></td> </tr> </tbody> </table>		<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		<ul style="list-style-type: none"> • 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 	
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Business Process & Systems Engineering ④ Specialisations: <ul style="list-style-type: none"> • Business Processes & Analytics • Systems Engineering & Simulation 	T43	ELR2B2-C	21																
Communications & Media Management ③ ④	T40	ELR2B2-A	14	<table border="0"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Subject</u></th> <th style="text-align: center;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a)</td> <td>English Language</td> <td>1-4</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c)</td> <td>Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants 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.26.</p>		<u>Subject</u>	<u>Grade</u>	a)	English Language	1-4	b)	Mathematics (Elementary/Additional)	1-7	c)	Any three other subjects	1-6			
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Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
ENGINEERING														
Aerospace Electronics ② ③ ④ ⑦ Specialisations: <ul style="list-style-type: none"> CAAS approved SAR-147 Licensed Aircraft Engineer Training Flight Training Avionics Systems 	T50	ELR2B2-C	14	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> 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> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> 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 	
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Aerospace Engineering ② ③ ④ ⑦ Specialisations: <ul style="list-style-type: none"> CAAS approved SAR-147 Licensed Aircraft Engineer Training Flight Training Airframe, Engines and Composites 	T51	ELR2B2-C	12											
Clean Energy ① ③ ④ Specialisations: <ul style="list-style-type: none"> Renewable Energy Energy Efficiency, Audit and Management Smart Energy Systems 	T52	ELR2B2-C	22											
Common Engineering Programme ③ ④ ⑥ Students will opt for and stream to one of the following 8 Diplomas: <u>At the end of Semester 1.1</u> <ul style="list-style-type: none"> Dip in Aerospace Electronics ②⑦ Dip in Aerospace Engineering ②⑦ Dip in Business Process & Systems Engineering <u>At the end of Semester 1.2</u> <ul style="list-style-type: none"> Dip in Biomedical Engineering ② Dip in Clean Energy ① Dip in Computer Engineering ① Dip in Electronics ① Dip in Mechatronics ① 	T56	ELR2B2-C	22											

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements										
Computer Engineering ① ③ ④ Specialisations: <ul style="list-style-type: none"> Internet of Things (IoT) Web Applications & Services Wireless Networking Smart Devices & Systems 	T13	ELR2B2-C	18	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td>1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> 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> <td></td> </tr> </tbody> </table>	<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	<ul style="list-style-type: none"> 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 	
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Electronics ① ③ ④ (New Course in JAE) Specialisations: <ul style="list-style-type: none"> Aerospace Electronics Semiconductor Technology Robotics and Automation Computer Networking Advanced Engineering Skills 	T65	ELR2B2-C	-											
Mechatronics ① ③ ④ (New Course in JAE) Specialisations: <ul style="list-style-type: none"> Process Control and Automation Robotics and Automation Semiconductor Technology Aerospace Systems Advanced Engineering Skills 	T66	ELR2B2-C	-											
HUMANITIES														
Early Childhood Development & Education ⑤ ⑥ (New Course in JAE) Track <ul style="list-style-type: none"> Visual Arts 	T68	ELR2B2-A	-	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: <i>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).</i></p> <p><i>To be eligible for selection, applicants 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.26.</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any three other subjects	1-6		
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a) English Language	1-6													
b) Mathematics (Elementary/Additional)	1-6													
c) Any three other subjects	1-6													

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements								
Social Sciences in Gerontology <i>(Previously known as Gerontological Management Studies)</i>	T53	ELR2B2-A	16	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any three other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants 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.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any three other subjects	1-6											
Psychology Studies	T48	ELR2B2-A	10									
INFORMATION & DIGITAL TECHNOLOGIES												
Big Data & Analytics ① ④ <i>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 2019 intake.</i>	T60	ELR2B2-C	-	<table border="0"> <thead> <tr> <th style="text-align: left;"><u>Subject</u></th> <th style="text-align: left;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.26.</p>	<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>Subject</u>	<u>Grade</u>											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-6											
c) Any two other subjects	1-6											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Course Title & Code</th> <th style="text-align: left;">Previous (2018) JAE ELR2B2</th> </tr> </thead> <tbody> <tr> <td>Business Intelligence & Analytics, T57</td> <td>16</td> </tr> <tr> <td>Big Data Management & Governance, T60</td> <td>13</td> </tr> </tbody> </table>	Course Title & Code	Previous (2018) JAE ELR2B2	Business Intelligence & Analytics, T57	16	Big Data Management & Governance, T60	13						
Course Title & Code	Previous (2018) JAE ELR2B2											
Business Intelligence & Analytics, T57	16											
Big Data Management & Governance, T60	13											
Common ICT Programme <i>(New Course in JAE)</i> 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	T63	ELR2B2-C	-									
<ul style="list-style-type: none"> • Dip in Big Data & Analytics ① ④ • Dip in Cybersecurity & Digital Forensics ① ④ • Dip in Financial Business Informatics ④ • Dip in Game Design & Development ① ④ • Dip in Information Technology 												

Courses	Course Code	Aggregate Type	Previous (2018) JAE ELR2B2	Minimum Entry Requirements												
Cybersecurity & Digital Forensics ① ④ Specialisations: ① <ul style="list-style-type: none"> Digital Forensics Enterprise Security 	T62	ELR2B2-C	11	<table border="0"> <thead> <tr> <th style="text-align: center;">Subject</th> <th style="text-align: center;">Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-C Aggregate Type on p.26.</p>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any two other subjects	1-6				
Subject	Grade															
a) English Language	1-7															
b) Mathematics (Elementary/Additional)	1-6															
c) Any two other subjects	1-6															
Game Design & Development ① ④ Specialisations: ① <ul style="list-style-type: none"> Advanced Game Design Advanced Game Programming 	T58	ELR2B2-C	18													
Information Technology Specialisations: ① <ul style="list-style-type: none"> Business Analytics Game Development 	T30	ELR2B2-C	18													
MEDIA & DESIGN																
Apparel Design & Merchandising ② ④	T20	ELR2B2-D	17	<table border="0"> <thead> <tr> <th style="text-align: center;">Subject</th> <th style="text-align: center;">Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.26.</p>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any two other subjects	1-6				
Subject	Grade															
a) English Language	1-6															
b) Mathematics (Elementary/Additional)	1-7															
c) Any two other subjects	1-6															
Communication Design ② ④	T59	ELR2B2-D	16													
Digital Film & Television ② ④	T23	ELR2B2-D	14													
Interior Architecture & Design ② ④ The Environment Design course has been merged into this course and will no longer be offered for the 2019 intake. <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>Course Title & Code</th> <th>Previous (2018) JAE ELR2B2</th> </tr> </thead> <tbody> <tr> <td>Environment Design, T46</td> <td>19</td> </tr> </tbody> </table>	Course Title & Code	Previous (2018) JAE ELR2B2	Environment Design, T46	19	T22	ELR2B2-D	18	<table border="0"> <thead> <tr> <th style="text-align: center;">Subject</th> <th style="text-align: center;">Grade</th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any two other subjects</td> <td>1-6</td> </tr> </tbody> </table> <p>Note: To be eligible for selection, applicants must also have sat for one subject listed in the 2nd group of relevant subjects for the ELR2B2-D Aggregate Type on p.26.</p>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-7	c) Any two other subjects	1-6
Course Title & Code	Previous (2018) JAE ELR2B2															
Environment Design, T46	19															
Subject	Grade															
a) English Language	1-7															
b) Mathematics (Elementary/Additional)	1-7															
c) Any two other subjects	1-6															
Product & Industrial Design ② ③ ④	T35	ELR2B2-D	19													

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 Due to the specific requirements of the early childhood professions, all applicants have to go through medical examination and be certified not to have communicable diseases and have the following abilities to perform the job functions in a safe and effective manner:
 - Mental ability (interpersonal ability and behavioural stability) to provide safe care to children, as well as safety to self, and demonstrate self-control and behavioural stability to function and adapt effectively and sensitively in a dynamic role.
 - Physical ability to move around in a preschool environment, walk/stand, bend, reach, lift, climb, push and pull, carry objects and perform complex sequences of hand eye coordination.
 - Auditory ability to hear faint sounds, alarms and normal speaking level sounds.
 - Visual ability to detect changes in physical appearance, colour and contour and read written communication accurately.
- 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.
- Ⓑ Applicants admitted to T68 (Diploma in Early Childhood Development & Education) and are keen to register as pre-school teachers after graduation must ensure that they obtain a **minimum of B4 in their GCE 'O' Level English Language (English as a First Language)** or a minimum band of 6.5 in the International English Language Testing System (IELTS – General Training). Applicants who do not meet the English Language requirement must ensure that they do so within 2 years of their registration as pre-school teachers.

This diploma is awarded by the National Institute of Early Childhood Development in collaboration with Temasek Polytechnic.

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.

Courses	ITE College	Course Code	Aggregate Type	Minimum Entry Requirements	
				Subject	Grade
APPLIED SCIENCES					
Biotechnology	ITE College East	V18	ELR2B2-C	a) English Language	1-8
Chemical Technology	ITE College East	V44	ELR2B2-C	b) Mathematics (Elementary/Additional) c) One of the following subjects:	1-7 1-8
				<ul style="list-style-type: none"> • 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) 	
BUSINESS & SERVICES					
Accounting	ITE College Central	V39	ELR1B3-B	a) English Language	1-7
	ITE College East	V27	ELR1B3-B	b) Mathematics (Elementary/Additional) or Principles of Accounts *	1-8
	ITE College West	V90	ELR1B3-B	c) One other subject	1-7
Banking Services	ITE College Central	V52	ELR1B3-B	Note:	
Event Management	ITE College Central	V40	ELR1B3-B	* To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).	
	ITE College East	V41	ELR1B3-B		
Human Resource & Administration	ITE College Central	V91	ELR1B3-B		
	ITE College East	V92	ELR1B3-B		
International Logistics	ITE College East	V81	ELR1B3-B		
Maritime Business	ITE College Central	V86	ELR1B3-B		
Retail & Online Business	ITE College Central	V66	ELR1B3-B		
Service Management	ITE College West	V62	ELR1B3-B		
Sport Management	ITE College Central	V12	ELR1B3-B		
	ITE College East	V19	ELR1B3-B		
	ITE College West	V85	ELR1B3-B		

Courses	ITE College	Course Code	Aggregate Type	Minimum Entry Requirements	
				Subject	Grade
Early Childhood Education ②③	ITE College Central	V42	ELB4-A	a) English Language b) Any two other subjects	1-6 1-6
				Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>	
Beauty & Wellness Management ② <i>(Previously known as Beauty & Spa Management)</i>	ITE College East	V54	ELB4-A	a) English Language b) Any two other subjects	1-7 1-7
Leisure & Travel Operations	ITE College West	V65	ELB4-A	Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>	
Passenger Services	ITE College Central	V82	ELB4-A	Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>	
	ITE College East	V80	ELB4-A		
DESIGN & MEDIA					
Filmmaking (Cinematography) ①	ITE College Central	V93	ELR1B3-B	a) English Language b) Mathematics (Elementary/Additional) or Principles of Accounts * c) One other subject	1-7 1-8 1-7
				Note: <i>* To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>	
Performance Production ①④	ITE College Central	V97	ELR1B3-B	Note: <i>* To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>	
Interactive Design ①	ITE College Central	V94	ELR1B3-B	a) English Language b) Mathematics (Elementary/Additional) or Principles of Accounts * c) One other subject	1-8 1-7 1-8
				Note: <i>* To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>	
Visual Effects ① <i>(New course in JAE)</i>	ITE College Central	V15	ELR1B3-B		

Courses	ITE College	Course Code	Aggregate Type	Minimum Entry Requirements	
				Subject	Grade
Architectural Technology ① <i>(Previously known as Space Design Technology)</i>	ITE College Central	V10	ELR2B2-C	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
Motion Graphics ① <i>(New course in JAE)</i>	ITE College Central	V14	ELB4-A	a) English Language b) Any two other subjects	1-7 1-8
Visual Merchandising ①	ITE College Central	V55	ELB4-A	Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>	
ELECTRONICS & INFO-COMM TECHNOLOGY					
Broadcast & Media Technology ①	ITE College Central	V95	ELR2B2-C	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
Business Information Systems	ITE College East	V49	ELR2B2-C		
Cyber & Network Security	ITE College East	V47	ELR2B2-C		
	ITE College West	V74	ELR2B2-C		
Electronics Engineering ①	ITE College Central	V11	ELR2B2-C		
	ITE College East	V29	ELR2B2-C		
	ITE College West	V68	ELR2B2-C		
Games Art & Design	ITE College Central	V45	ELR2B2-C		
Games Programming & Development	ITE College Central	V99	ELR2B2-C		
IT Applications Development	ITE College Central	V61	ELR2B2-C		
	ITE College East	V87	ELR2B2-C		
	ITE College West	V63	ELR2B2-C		
IT Systems & Networks	ITE College Central	V26	ELR2B2-C		
	ITE College East	V30	ELR2B2-C		
	ITE College West	V70	ELR2B2-C		
Security System Integration ①	ITE College West	V77	ELR2B2-C		

Courses	ITE College	Course Code	Aggregate Type	Minimum Entry Requirements	
				Subject	Grade
ENGINEERING					
Civil & Structural Engineering Design	ITE College Central	V56	ELR2B2-C	a) English Language	1-8
Electrical Engineering ①	ITE College East	V28	ELR2B2-C	b) Mathematics (Elementary/Additional)	1-7
	ITE College West	V67	ELR2B2-C	c) One of the following subjects:	1-8
Engineering with Business	ITE College Central	V84	ELR2B2-C	<ul style="list-style-type: none"> • 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) 	
Facility Management ①	ITE College East	V88	ELR2B2-C		
	ITE College West	V89	ELR2B2-C		
Facility Systems Design	ITE College Central	V69	ELR2B2-C		
Landscape Management & Design ①	ITE College East	V60	ELR2B2-C		
Marine Engineering	ITE College Central	V71	ELR2B2-C		
Marine & Offshore Technology	ITE College Central	V72	ELR2B2-C		
Mechanical Engineering	ITE College Central	V21	ELR2B2-C		
	ITE College East	V35	ELR2B2-C		
	ITE College West	V78	ELR2B2-C		
Mechatronics Engineering ①	ITE College Central	V13	ELR2B2-C		
	ITE College West	V73	ELR2B2-C		
Offshore & Marine Engineering Design	ITE College Central	V75	ELR2B2-C		
Process Plant Design	ITE College Central	V76	ELR2B2-C		
Rapid Transit Engineering ①	ITE College West	V96	ELR2B2-C		
Robotics & Smart Systems ①	ITE College Central	V98	ELR2B2-C		
HOSPITALITY					
Hospitality Operations	ITE College West	V64	ELB4-A	a) English Language	1-7
				b) Any two other subjects	1-7
				Note:	
				<i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>	

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 Early Childhood Education [V42] and Higher Nitec in Beauty & Wellness Management [V54] have to pass a pre-admission medical examination.
- ③ Students will graduate with a Higher Nitec in Early Childhood Education awarded by National Institute of Early Childhood Development (NIEC) in collaboration with ITE.
- 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.

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/admissions/joint-admissions-exercise**.
- 1.1.2 After clicking on the link for JAE-IS, the **JAE-IS Login Page** (refer to **Screen Shot 1**) should appear after a short time. Please note that at times, this page may take a slightly longer period to appear. If the Login Page does not appear after a prolonged period, please attempt to log in at a later time.
- 1.1.3 Applicants should enter their **NRIC number** or **FIN**, together with the **JAE PIN**. Applicants should then click on the **<Login>** button to get to the next page.

Screen Shot 1 : JAE Internet System (JAE-IS) Login Page

IMPORTANT NOTE

Applicants are strongly advised to complete every page within 10 minutes, as the system will “time-out” after 10 minutes.

Applicants must click on the **<Submit>** button in the JAE-IS at the bottom of the **Verify Information Page** (refer to **Screen Shot 4**) in order to complete the application process. 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 **Screen Shot 5**) appears after clicking the **<Submit>** button in the JAE-IS at the bottom of the **Verify Information Page**.

You should then **print and retain a copy of the Verification Slip** as proof of your course application.

1.2 Personal Particulars Page

- 1.2.1 The **Personal Particulars Page** (refer to **Screen Shot 2**) should appear.
- 1.2.2 Applicants should check that their personal particulars are correct, and make changes where applicable.
- 1.2.3 Applicants are to provide a valid Singapore mobile phone number in the **Mobile Number field** (refer to **Screen Shot 2**) in order to receive JAE posting results via Short Messaging System (SMS).
- 1.2.4 Applicants should then click on the **<Next>** button to get to the next page.

Screen Shot 2 : Personal Particulars Page

The screenshot displays the 'Personal Particulars' page with a progress bar at the top showing four steps: 1. Personal Particulars (active), 2. Career Expectations, 3. Study Information, and 4. Registration Completed. A notice box contains two instructions: '1. Please consider your choices carefully before submitting the application online and make full use of the 12 choices, where applicable.' and '2. You have 10 minutes to complete each page. After which, you will be automatically logged out from the system and any details entered will not be saved.'

The main form area is titled 'Section A: Personal Particulars' and includes the instruction: 'Please check your personal particulars below and update where necessary. Fields marked with * are compulsory.' The form contains the following fields:

NRIC/FIN	T0200067C	Name	NAM SIL
Mobile No. *	90000000	(Your posting results will be sent via SMS to this Mobile No.)	
Contact No. *	61234567		
Email Address	abc@abc.com.sg		

At the bottom right of the form, there are two buttons: 'Next' and 'Discard Changes and Logout'. Two callout boxes provide instructions: one points to the Mobile No. field with the text 'Check your personal particulars and update as necessary.', and another points to the 'Next' button with the text 'Click <Next> to proceed with the application.'

1.3 Course Registration Page

- 1.3.1 The **Course Registration Page** (refer to **Screen Shot 3**) should appear.
- 1.3.2 Applicants are allowed to indicate a maximum of 12 courses in the application. The JAE-IS would accept only valid course codes entered for courses that the applicant is eligible for. A complete list of course codes are provided in **Form A**.
- 1.3.3 Applicants must ensure that the choices are entered in the order of preference when submitting the application. **There is no guarantee that applicants will automatically be granted a place in one of the courses applied for** (please refer to **Section 3** for further details on the Posting Procedure).
- 1.3.4 Applicants should then click on the **<Next>** button to get to the next page.

Screen Shot 3 : Course Registration Page

The screenshot displays the 'Course Registration' page with a progress bar at the top showing four steps: 1. Personal Particulars, 2. Course Registration (active), 3. Profile Information, and 4. Registration Completed. A notice box contains two instructions: 'Please consider your choices carefully...' and 'You have 10 minutes to complete each page...'. Below the notice is the 'Section B: Choice of Courses' section. A yellow highlighted box states: 'Year of Exam Sitting(s): You are currently using your results from 2018 GCE 'O' Level exam sitting. CCA: Excellent'. A note below reads: 'NOTE: You are only allowed to specify courses that you are eligible for, up to a maximum of 12 courses. Fields marked with * are compulsory.' A table lists 12 course choices with columns for Choice Order, Course Code, Course Name, and Institution Name. A callout box points to the second choice (205) with the text 'Enter your choice of courses according to your preference.' At the bottom right, another callout box points to the 'Next' button with the text 'Click <Next> to proceed with the application.' The 'Next' button is highlighted in blue.

Choice Order	Course Code	Course Name	Institution Name
1st	325	SCIENCE	TEMASEK JUNIOR COLLEGE
2nd	205	SCIENCE	NANYANG JUNIOR COLLEGE
3rd	26A	ARTS	NANYANG JUNIOR COLLEGE
4th	24A	ARTS	HWA CHONG INSTITUTION
5th	511	INTERNATIONAL BACCALAUREATE	ANGLO-CHINESE SCHOOL (INDEPENDENT)
6th	435	SCIENCE	MILLENNIA INSTITUTE
7th	N57	LANDSCAPE DESIGN & HORTICULTURE	NOEE ANN POLYTECHNIC
8th	O61	ANIMATION	NANYANG POLYTECHNIC
9th	T20	APPAREL DESIGN & MERCHANDISING	TEMASEK POLYTECHNIC
10th	S86	MEDIA & COMMUNICATION	SINGAPORE POLYTECHNIC
11th	V40	EVENT MANAGEMENT	ITE COLLEGE CENTRAL
12th	V35	MECHANICAL ENGINEERING	ITE COLLEGE EAST

1.4 Verify Information Page

- 1.4.1 The **Verify Information Page** (refer to **Screen Shot 4**) should appear next.
- 1.4.2 Applicants are strongly advised to check and confirm that all the details in this page are correct.
- 1.4.3 To make changes, you may click on the **<Back>** button. You will return to the previous page.
- 1.4.4 If you are satisfied that all details are correct, you may click on the **<Submit>** button to complete this application. Failure to do so would mean that the application is **not** submitted.

Screen Shot 4 : Verify Information Page

The screenshot shows the 'Verify Information & Submit Application' page. At the top, there are four tabs: 1. Personal Particulars, 2. Course Registration, 3. Verify Information (active), and 4. Registration Completed. Below the tabs is a 'Notice' section with two points: 1. Please consider your choices carefully before submitting the application online and make full use of the 12 choices, where applicable. 2. You have 10 minutes to complete each page. After which, you will be automatically logged out from the system and any details entered will not be saved.

The main content area is titled 'Verify Information & Submit Application' and contains a yellow box with the text: 'Please verify that all the information in this application is correct. To send in this application, please click **<Submit>** button below.'

Under 'Personal Particulars', the following information is displayed:

NRIC/IN:	T0200067C	Name:	NAM SIL
Mobile No:	98004880 (Please provide mobile no. to be used for JAE Mobile No.)		
Contact No:	91234567		
Email Address:	abc@abc.com.sg		

Under 'Choice of Courses', there is a yellow box with the text: 'Year of Exam Sitting(s): You are currently using your results from 2018 GCE 'O' Level exam sitting.'

1. 308	SCIENCE	7. 867	LANDSCAPE DESIGN'S HORTICULTURE
2. 285	TEMASEK JUNIOR COLLEGE	8. 061	Ngee ANN POLYTECHNIC ANIMATION
3. 284	NANYANG JUNIOR COLLEGE	9. 120	NANYANG POLYTECHNIC APPAREL DESIGN & MERCHANDISING
4. 244	ARTS	10. 886	TEMASEK POLYTECHNIC MEDIA & COMMUNICATION
5. 50	NANYANG JUNIOR COLLEGE	11. 500	SINGAPORE POLYTECHNIC EVENT MANAGEMENT
6. 498	INTERNATIONAL BACCALAUREATE	12. 180	THE COLLEGE CENTRAL MECHANICAL ENGINEERING
	ANGLO-CHINESE SCHOOL (INDEPENDENT)		ITC COLLEGE EAST
	SCIENCE		
	MILLENNIA INSTITUTE		

Under 'Elective Programme', the following information is displayed:

Programme Chosen:	Chinese Language Elective Programme (CLEP)
Choice of JCs To Offer Programme In:	TEMASEK JUNIOR COLLEGE NANYANG JUNIOR COLLEGE IWA CHONG INSTITUTION

At the bottom of the page, there is a yellow box with the text: 'I have read and verified that all the information above is correct.'

At the bottom right, there are three buttons: 'Submit', 'Back', and 'Discard Changes and Logout'. Callouts point to these buttons with the following instructions:

- Ensure that your personal particulars are correct.
- Ensure that the courses are correct.
- Click **<Submit>** to complete your application for JAE.
- Click **<Back>** if you want to make any changes to either your personal particulars or course application.
- Click here if you do not wish to continue. Your session will be terminated immediately, and all the changes you have made during this session will **not** be saved.

At the bottom left, there is a 'Warning' section with the text: '1. You are only allowed to make 1 minor amendment to your Course Registration.'

1.5 Verification Slip (VS) Page

1.5.1 The **Verification Slip Page** (refer to **Screen Shot 5**) should appear next.

1.5.2 The application is considered successfully submitted only when the **Verification Slip Page** appears. You should **print and retain a copy of the Verification Slip** as proof of your course application.

1.5.3 If the **Verification Slip Page** does not appear after a prolonged period, you should logout and login again. If you are unable to receive the **Verification Slip** after repeated attempts, you should call MOE-CSC at 6872-2220 for assistance.

Screen Shot 5 : Verification Slip Page

1. ✓ Personal Particulars 2. ✓ Course Registration 3. ✓ Verify Information 4. ✓ Registration Completed

Your JAE Registration has been submitted successfully.

Notice:

- JAE posting results will be released in the last week of January through the following modes:
 - JAE-IS, accessible through the JAE website at www.moe.gov.sg/infomsg/jae-is or www.moe.gov.sg/infomsg/jae-is
 - Short Messaging System (SMS) via applicant's mobile number (if a valid Singapore mobile number is provided by applicants during the JAE Registration)
 - Please use the contact number for all future correspondence.

Verification Slip

Ministry of Education
RNR/RDRF

This is a copy of the Choice of Courses you have submitted. Please print a copy for your future reference.

Confirmation Number: T0200067C-1 Submission Date/Time: 10 Jul 2018 15:25 hrs

Personal Particulars

NRIC/IN: T0200067C Name: NAM SIL

Mobile No.: 90002800 (Your posting results will be sent via SMS to this Mobile No.)

Contact No.: 61234567

Email Address: abc@abc.com.sg

Choice of Courses

Year of Exam Sitting(s): You are currently using your results from 2018 GCE 'O' Level exam sitting.

1. 322 SCIENCE TEMASEK JUNIOR COLLEGE	7. 167 LANDSCAPE DESIGN & HORTICULTURE NANYANG POLYTECHNIC
2. 364 SCIENCE NANYANG JUNIOR COLLEGE	8. 091 ANIMATION NANYANG POLYTECHNIC
3. 30A ARTS NANYANG JUNIOR COLLEGE	9. 700 GRAPHIC DESIGN & MERCHANDISING TEMASEK POLYTECHNIC
4. 05A ARTS LAW CHONG INSTITUTION	10. 588 N-TECH COMMUNICATION SINGAPORE POLYTECHNIC
5. 511 INTERNATIONAL BACCALAUREATE ANGLO-CHINESE SCHOOL (INDEPENDENT)	11. 110 EVENT MANAGEMENT ITE COLLEGE CENTRAL
6. 432 SCIENCE NILEPARK INSTITUTE	12. 102 MECHANICAL ENGINEERING ITE COLLEGE EAST

Elective Programme

Programme Chosen: Chinese Language Elective Programme (CLEP)

Choice of JCs To Offer Programme in: TEMASEK JUNIOR COLLEGE
NANYANG JUNIOR COLLEGE
HWA CHONG INSTITUTION

I have read and verified that all information in this Verification Slip is correct.

Attention
1. You are only allowed to make 1 (one) amendment to your Course Registration.

Amend Save As Print Logout

Click here if you want to make amendments to the application you had previously submitted.

Important
Applicants are only allowed to make amendments once to the course registration.

Important
You should save or print out a copy of the Verification Slip for reference.

Click <Logout> to exit from JAE-IS.

2 Applicants Eligible for Elective Programmes Offered in Selected JCs

2.1 Applicants who are eligible for Elective Programmes in selected JCs may be presented with 2 additional screens (**Screen Shot 6 and 7**) after clicking on the **<Next>** button at the **Course Registration Page** (refer to **Screen Shot 3**).

2.2 Elective Programme Selection Page

2.2.1 This **Elective Programme Selection Page** (refer to **Screen Shot 6**) 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 **Screen Shot 4**).
- 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 **Screen Shot 7**).

Screen Shot 6 : Elective Programme Selection Page



1. Personal Particulars 2. Course Registration 3. Verify Information 4. Registration Complete

1. Please complete your details carefully before submitting the application online and make full use of the 12 checkmarks available.
2. You have 10 minutes to complete each page. After which, you will be automatically logged out from the system and any details entered in the system will be saved.

Course Registration

Section C: Elective Programme

You are eligible to apply for one of the following Elective Programmes:

I wish to apply for:

Chinese Language Elective Programme (CLEP)

I do not wish to apply for any Elective Programme

Next Back Discard Changes and Logout

You must select **one** of the radio buttons before continuing.

Click **<Next>** to proceed with the application.

2.3 Selection of Institution Page

- 2.3.1 This **Selection of Institution Page** (refer to **Screen Shot 7**) 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 **Screen Shot 3**) 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 should next be presented with the **Verify Information Page** (refer to **Screen Shot 4**).

Screen Shot 7 : Selection of Institution Page

The screenshot displays the 'Course Registration' page for the 'Section C: Elective Programme'. It includes a progress bar at the top with steps: 1. Personal Particulars, 2. Course Registration (active), 3. Verify Information, and 4. Registration Complete. A 'Notes' section at the top provides instructions and a 10-minute timer. The main content area asks the user to select an elective programme and then to choose one or more JCs for the CLEP. Three JCs are listed: TEMASEK JUNIOR COLLEGE, NANYANG JUNIOR COLLEGE, and HWA CHONG INSTITUTION. A 'Next' button is located at the bottom right. Two callout boxes provide additional instructions: one pointing to the CLEP selection radio button and another pointing to the 'Next' button.

Notes:

- Please consider your choices carefully before submitting the application with a and make full use of the 10 minutes, where applicable.
- You have 10 minutes to complete each page. After which, you will be automatically logged out from the system and any details entered will not be saved.

Course Registration

Section C: Elective Programme

You are eligible to apply for one of the following Elective Programme(s):

I wish to apply for:

- Chinese Language Elective Programme (CLEP)
- I do not wish to apply for any Elective Programme

Please indicate below which JC(s) you wish to take up your Elective Programme. You may select one or more JC(s).

I would like to apply for Chinese Language Elective Programme (CLEP) in the following JC(s)

- TEMASEK JUNIOR COLLEGE
- NANYANG JUNIOR COLLEGE
- HWA CHONG INSTITUTION

Notes:

- All students in the CLEP must write 1-2 Chinese Language oral Examinations and sit for the GCE 'A' Level examination for this subject. For more details, refer to JC Information booklet.
- If you gained admission into the JC using the 2 bonus points awarded for CLEP, you are required to remain in the CLEP. If you fail to do so, you may be asked to leave the JC.

Next **Back** **Discard Changes and Logout**

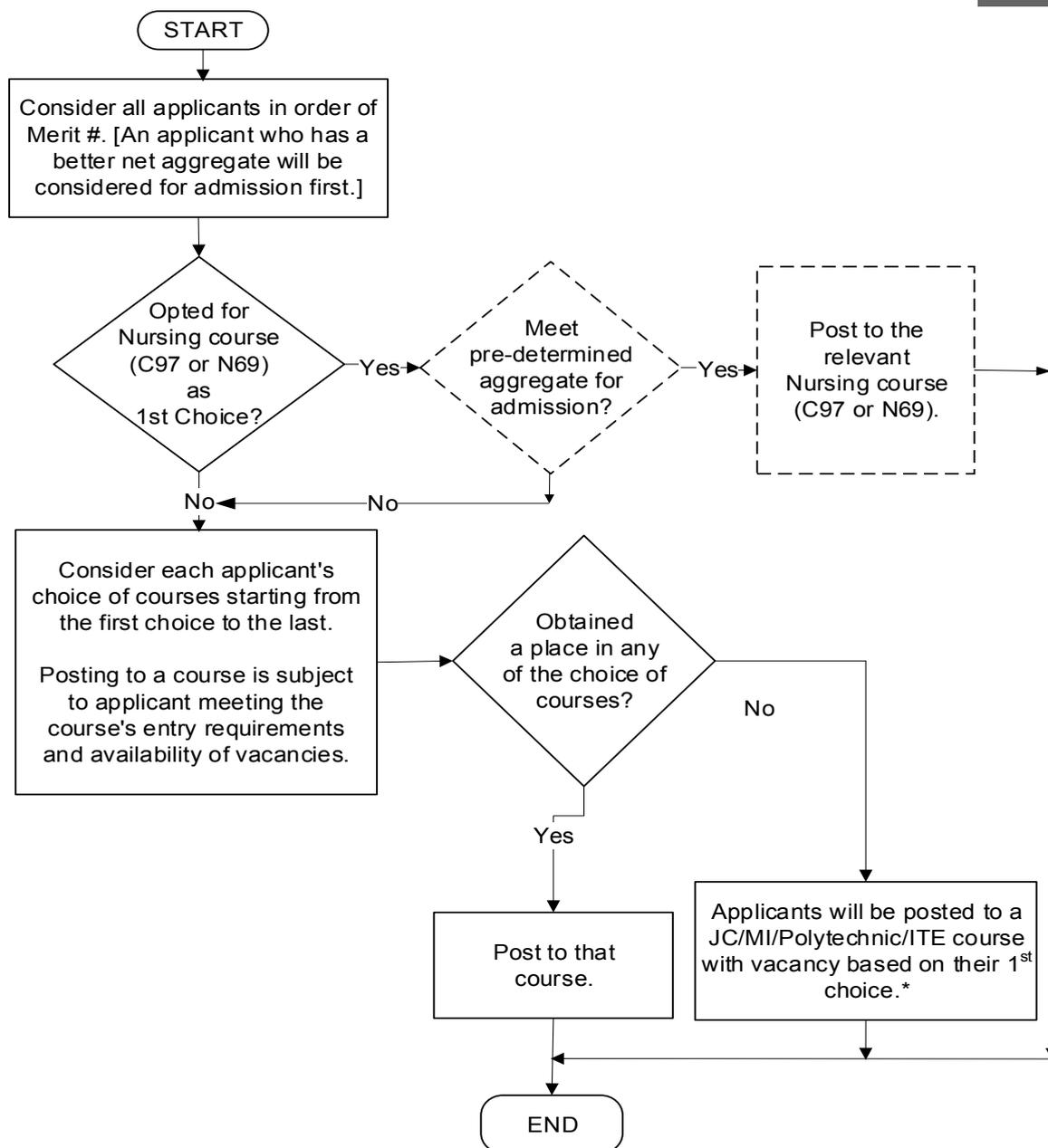
You may select one or more JCs by clicking on the check box(es).

Click <Next> to proceed with the application.

POSTING OF APPLICANTS

ANNEX

B



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

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

SUBJECTS OFFERED FOR PRE-U COURSE

ANNEX

C

1 Important Notes on Subjects Offered for Pre-U Course

- 1.1 Subjects offered for Pre-U Course may require assumed knowledge of corresponding subject at 'O' Level. To find out more about the subject syllabuses, please visit <https://www.moe.gov.sg/education/syllabuses>.
- 1.2 To provide flexibility for students to offer subjects at different levels of depth and breadth, JCs and MI offer a variety of subjects and different subject combinations. They may also set their own subject pre-requisites based on professional and student-centric considerations. **You should check the website of the respective JCs and MI for more details on the subject combinations offered in the Arts and Science courses and subject pre-requisites.**

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

Disciplines	Subjects	H1	H2	H3
MOE-Developed Syllabuses				
Knowledge Skills	General Paper	✓		
	Project Work	✓		
	Knowledge & Inquiry		✓	
Languages	Mother Tongue Language (Chinese, Malay, Tamil)	✓		
	Mother Tongue Language (Chinese, Malay, Tamil) 'B' [#]			
	French	✓		
	German	✓		
	Japanese	✓		
Humanities & the Arts	Art	✓	✓	✓
	Economics	✓	✓	✓
	Geography	✓	✓	✓
	History	✓	✓	✓
	Literature in English	✓	✓	✓
	China Studies in English	✓	✓	
	China Studies in Chinese		✓	
	English Language & Linguistics		✓	
	General Studies in Chinese	✓		
	Translation (Chinese)		✓	
	Chinese Language & Literature		✓	✓
	Malay Language & Literature		✓	✓
	Tamil Language & Literature		✓	✓
	Music		✓	✓
	Theatre Studies & Drama		✓	
	Management of Business ^{##}		✓	
French ^{###}		✓		
German ^{###}		✓		
Japanese ^{###}		✓		
Spanish ^{###}		✓		
Mathematics & Science	Biology	✓	✓	✓
	Chemistry	✓	✓	✓
	Physics	✓	✓	✓
	Mathematics	✓	✓	✓
	Further Mathematics		✓	
	Computing		✓	
	Principles of Accounting ^{##}		✓	
H3 Programmes by MOE Partners^{###}				
Humanities & the Arts	NUS Geopolitics: Geographies of War and Peace			✓
	NUS-MOE Humanities & Social Sciences Research			✓
	SMU Game Theory			✓
Mathematics & Science	NTU Molecular Biology			✓
	NUS Modern Physics			✓
	NTU Semiconductor Physics and Devices			✓
	NTU-A*STAR-HCI Science Research			✓
	NUS-A*STAR-NJC Science Research			✓
	NUS-A*STAR-RI Science Research			✓
	NUS-A*STAR-VJC Science Research			✓
	NUS-MOE Science Research			✓
NTU Science Research			✓	

*Information correct as of August 2018.

Mother Tongue 'B' languages are worth one academic unit each but are not considered H1, H2, or H3 subjects.

Offered in Millennia Institute only.

Only students who are enrolled in the MOE Language Centre may be registered for H2 Foreign Languages (FL: French/German/Japanese/Spanish) at the GCE 'A' Level.

NUS / NTU / SMU H3 programmes will be offered only if there are sufficient numbers of students opting for them.

Table C-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:

- You do not need to take the H1 MTL examination if you have obtained a D7 or better in Higher MTL at the GCE 'O' Level, as you 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. You may also fulfil the H1 MTL requirement by offering H2 Mother Tongue Language and Literature.
- You may offer H1 Non-Tamil Indian Language (Bengali, Gujarati, Hindi, Punjabi and Urdu) or H1 Foreign Language (French, German and Japanese) in lieu of MTL (subject to approval).
- If you demonstrate ability and passion for a particular subject and can manage your workload beyond the norm combination of subjects (Table C-2), you may offer (a) an additional H2 subject in place of the H1 content-based subject, (b) an additional H1 or H2 subject, or (c) up to two H3 subjects.

1 Special Programmes Offered In JCs

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. They may subsequently apply for the undergraduate awards from the Public Service Commission (PSC) to continue their study of the Humanities in local or overseas universities.

1.1.2 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 or Theatre Studies & Drama (see **Table D-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 D-1
H2 Subjects for Humanities Scholars

H2 Subjects		Remarks
First H2	<ul style="list-style-type: none"> Literature in English 	This subject is compulsory.
Second H2	<ul style="list-style-type: none"> China Studies+ Economics Geography History 	Select <u>one</u> from the range of subjects.
Third H2	<ul style="list-style-type: none"> Art China Studies+ Economics English Language and Linguistics Foreign Languages <ul style="list-style-type: none"> French German Japanese Geography History Mother Tongue Language and Literature <ul style="list-style-type: none"> Chinese Language and Literature Malay Language and Literature Tamil Language and Literature Music Theatre Studies & Drama 	Select <u>one</u> 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 Students interested in the HSP must gain admission to one of the following schools.
- Anglo-Chinese JC
 - Anglo-Chinese School (Independent)
 - Eunoia JC
 - Hwa Chong Institution
 - National JC
 - Raffles Institution
 - Temasek JC
 - Victoria JC
- 1.1.4 The Humanities Scholarship is available to eligible students interested in the programme. Interested students can access the online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

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. Deserving BSP students with the aptitude and ability will be awarded the BSP Scholarship.
- 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.
- 1.2.3 JC1 students in Dunman High School, Eunoia Junior College, Hwa Chong Institution and River Valley High School who offer H2 China Studies (Chinese) can enrol into the BSP and be considered for the BSP Scholarship. They must have good overall results in the GCE 'O' Level Examination, obtaining one of the following:
- Grade B3 in Higher Chinese;
 - or**
 - Grade A2 in Chinese;
 - or**
 - 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.

JC1 BSP scholars can look forward to immersion in China. They will also have the opportunity to participate in enrichment activities with emphasis on contemporary China.

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

Interested students can access the online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

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 will be 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:
- Grade B3 in Malay Special Programme
 - or**
 - Grade B3 in Bahasa Indonesia.

1.3.3 At the JC level, RSP students will offer 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. RSP scholars will be required to offer H2 History. Interested students can access the online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

1.4 Chinese/Malay Language Elective Programmes (CLEP/MLEP)

1.4.1 The CLEP is offered at Dunman High School, Hwa Chong Institution, Jurong Pioneer JC, Nanyang JC and Temasek JC 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 JC, Tampines Meridian JC and Yishun Innova JC 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 Students in the CLEP and MLEP will have the opportunity to participate in enrichment activities with special emphasis on creative writing, appreciation of literary works and immersion programme.

1.4.4 Students must have good overall results in the GCE 'O' Level Examination, obtaining one of the following:

a. Grade B3 in Higher Chinese/Malay;

or

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

or

c. Grade A2 in Chinese/Malay.

1.4.5 Students who wish to apply for the CLEP or MLEP should do so when they apply online via the JAE Internet System (JAE-IS). Students who are selected for the programme can enjoy two bonus points for admission to the respective JCs (see **Annex A** for application details). Students who gained admission into the JC using the 2 bonus points awarded for CLEP/MLEP are required to remain in the CLEP/MLEP. Students who fail to do so may be asked to leave the JC.

1.4.6 The Chinese Language Elective Scholarships (CLES) and Malay Language Elective Scholarships (MLES) are available to students who are successfully enrolled in the programmes. Interested students can access the online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

1.5 English Language Elective Programme (ELEP)

1.5.1 The ELEP is offered at Anglo-Chinese JC, Catholic JC 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 online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

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 logon to <https://www.moe.gov.sg/admissions/scholarships/> for more information.

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 Singapore-Cambridge 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 online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

1.8 Art Elective Programme (AEP)

- 1.8.1 The AEP is offered at Hwa Chong Institution, Nanyang JC and National JC for artistically inclined students who wish to offer a rigorous art programme 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 JC or National JC.
- 1.8.3 They must **pass an internal selection exercise** administered by the school/JCs. 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 online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

⁺ Students who are admitted into the AEP within an Independent School are eligible for a fee subsidy up to a cap of \$2400 per student per year. This is applicable for all AEP students regardless of nationality. However, it should be noted that AEP students who also qualify for other Singapore-MOE Awards, such as the Edusave Scholarships for Independent Schools (ESIS) are entitled to only one award; i.e. either the AEP subsidy or the ESIS.

1.9 Music Elective Programme (MEP)

- 1.9.1 The MEP is offered at Anglo-Chinese JC, Anglo-Chinese School (Independent), Dunman High School, Eunoia JC, Raffles Institution and Temasek JC for musically inclined students who wish to offer a rigorous music programme 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 JC, Anglo-Chinese School (Independent)⁺, Dunman High School, Eunoia JC, Raffles Institution⁺ or Temasek JC.
- 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;
or
 - b. A pass in the Grade 5 Practical **and** Grade 6 Theory or Practical Musicianship examinations of the Associated Board of the Royal Schools of Music (ABRSM), or the equivalent standard from other examination boards;
or
 - c. A pass in the written selection exercise and practical audition on an instrument (e.g. piano, *rebab*, *erhu*, sitar) or voice, conducted by the MEP school or 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 online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

⁺ Students who are admitted into the MEP within an Independent School are eligible for a fee subsidy up to a cap of \$2400 per student per year. This is applicable for all MEP students regardless of nationality. However, it should be noted that MEP students who also qualify for other Singapore-MOE Awards, such as the Edusave Scholarships for Independent Schools (ESIS) are entitled to only one award; i.e. either the MEP subsidy or the ESIS.

1.10 Drama Elective Programme (DEP)

1.10.1 The DEP is offered by three JCs: Anglo-Chinese JC, Tampines Meridian JC and Victoria JC. 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 prerequisite for the subject, each College will have its own internal selection process for the course.

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 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 O Level examinations (within the top 5%) based on their L1R5 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 2 in an IS.
- b. For students awarded the ESIS, and are also:
 - i. admitted to one of the Ministry's special programmes (e.g. Art Elective Programme, Music Elective Programme);

or

 - ii. awarded any other scholarship (e.g. Humanities Scholarship, MOE Pre-University Scholarship, Language Elective Scholarships),the ESIS award quantum will be the same as 2.2.2a but less any fee subsidy provided under the special programme, Ministry/school programme or any other scholarship.

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 will be \$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 schools, whichever is lower, and less any other fee subsidy or scholarship received.

2.4 MOE Pre-University Scholarships

- 2.4.1 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 online scholarship applications at <https://www.moe.gov.sg/admissions/scholarships/> from January 2019.

1 Junior Colleges & Millennia Institute

1.1 Previous Year's Aggregate Scores of Junior Colleges

Table E-1 shows the L1R5 net aggregate of the lowest ranked students (cut-off point) who were admitted to the JC course through the 2018 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 may vary from previous years, depending on students' GCE 'O' Level examination results and their course choices during the JAE.

Table E-1 : L1R5 Aggregate Scores (with Bonus Points) of Students Admitted to Junior Colleges in the Previous Year's (2018) JAE

S/No	Junior College	Arts		Science/IB	
		Course Code	Previous (2018) JAE Net L1R5	Course Code	Previous (2018) JAE Net L1R5
1	Anderson Serangoon JC*	39A	12	39S	12
2	Anglo-Chinese JC	22A	10	22S	9
3	Anglo-Chinese School (Independent)	-	-	51I	6
4	Catholic JC	23A	14	23S	15
5	Dunman High School	44A	-	44S	-
6	Eunoia JC	38A	11	38S	10
7	Hwa Chong Institution	24A	5	24S	5
8	Jurong Pioneer JC*	40A	17	40S	14
9	Nanyang JC	26A	8	26S	7
10	National JC	27A	9	27S	8
11	Raffles Institution	28A	5	28S	5
12	River Valley High School	45A	-	45S	-
13	St. Andrew's JC	30A	12	30S	11
14	St. Joseph's Institution	-	-	52I	8
15	Tampines Meridian JC*	41A	13	41S	14
16	Temasek JC	32A	11	32S	10
17	Victoria JC	33A	8	33S	6
18	Yishun Innova JC*	42A	20	42S	20

* For these 4 merged JCs, the cut-off point is the aggregate score of the lowest ranked students who were admitted to the merging JC which had a JC1 intake in 2018.

1.2 Information on JCs and MI

The following pages highlight useful information on the JCs and MI.

School Code **0715**

ANDERSON SERANGOON JUNIOR COLLEGE

Course Code (Arts) **39A**

Course Code (Science) **39S**

Anderson Serangoon Junior College (ASRJC) will be formed from the merger of Anderson Junior College (AJC) and Serangoon Junior College (SRJC) with effect from 2019.

4500 Ang Mo Kio Avenue 6 S(569843)

Tel : 64596822

Fax : 64598734

School Website : <http://www.asrjc.moe.edu.sg>

Bus Services : 13, 45, 86, 162, 269, 825, 851, 852, 853

Nearest MRT Station : Yio Chu Kang

AJC School Vision : Passionate Learners, Adventurous Thinkers, Caring Leaders

AJC School Mission : To mould men and women of purpose and character

SRJC School Vision : Leaders and Learners Driven by Values and Imagination

SRJC School Mission : Inspiring all the students to have the passion to learn, the heart to serve, and the courage to lead

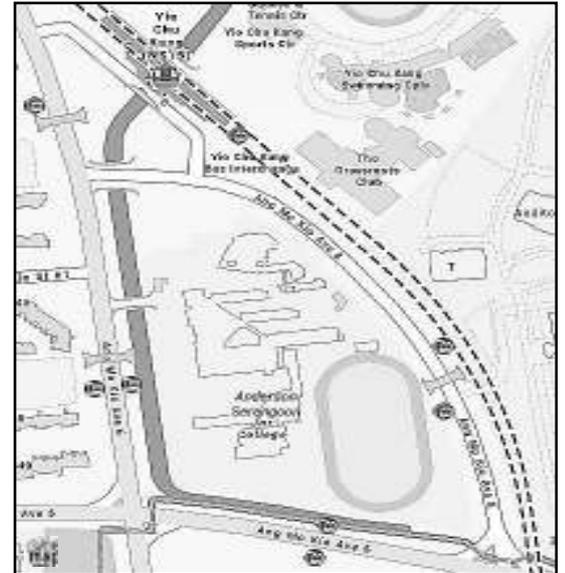
Type of School : Government/ Mixed/ Full Day

Mother Tongue : Chinese/ Malay/ Tamil

Bonus Points given for Affiliated Schools : Not Applicable

Net Aggregate range of 2018 JAE students posted to 2018 JC1 at AJC (SRJC did not have a JC1 intake in 2018)

Arts	: 5 to 12
Science	: 3 to 12



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

H2 Subjects

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

H3 Subjects

Chemistry, History, Literature in English, Mathematics, Physics

CCA Offered

Sports & Games : Badminton, Basketball, Climbing Club, Football, Frisbee, Hockey, Netball, Shooting (Air Pistol and Rifle), Squash, Table Tennis, Taekwondo, Tennis, Touch Football (Girls), Volleyball

Performing Arts : Chinese Orchestra, Choir, Dance (Contemporary, Hip Hop & Indian), Drama (Chinese, English & Indian), Guitar Ensemble, Harmonica Band, Music Club, Symphonic Band

Clubs & Societies : Audio Visual Aids Club, Chinese LDDS, Debate and Creative Communications, Interact Club, Outdoor Activities Club, Photographic Society, Project Eureka (Science Research), Red Cross Youth, Strategist Society, Students' Council, Tamil LDDS, Visual Arts Club, Youth Flying Club

Special Programmes Offered

MOE Programmes : Not Available

School-based Programmes

Science Research & Enrichment Programme
As the North Zone Centre of Excellence (NZ COE) in Science, ASRJC dedicates herself in leading scientific inquiry and enrichment amongst schools in the North Zone. An annual Elementz Science Research Conference and Exhibition for local and international participants is held to foster and showcase students' research talents. Our high-end science research laboratories, the Elementz Lab, Nanoscience and Raman Microscope Lab, Makerspace and dedicated team of science teacher mentors give students the edge in STEM. Students are given the opportunities to engage themselves in attachment programmes with universities and research institutes to deepen their passion in science and develop the dispositions of future leaders in science.

Civics Education

ASRJC adopts Service-Learning as the key approach to integrate meaningful community service with character building and leadership growth. This experience is coupled and deepened with our distinctive civics education curriculum and programme that invites students to clarify values and ideals through discussing community needs, public policy, and possibilities for social action. Students can engage in service-learning with their class

and CCA groups, with self-initiated projects, and through large-scale College events. In so doing, students reach out to the environment, aged, and less privileged, and develop towards being justice-oriented active citizens.

Education and Career Guidance

ASRJC's Education and Career Guidance (ECG) programme aims to help students make informed education and career choices. Students will explore the personal and environmental factors that influence their career choices, and be exposed to options at the higher education institutions, the diverse industries and relevant professions. The Work Attachment Programme facilitates authentic workplace learning to enhance students' awareness of and to gain insights into the different industries in the world of work.

Student Leadership Development & Talent Management Programme

ASRJC believes that every student can be a leader in his/her own right. Adopting a values-driven leadership development approach that aims to foster the courage to lead by clarifying values, identity and purpose, discovering personal strengths, learning exemplary leadership practices, and thus leading through one's authentic self, students can choose to develop themselves along a variety of student leadership pathways. Exceptionally motivated students with aspirations are also groomed to reach their potential and meet scholarship standards. The talent management programme provides a wide range of intellectual and co-curricular opportunities to develop the students in 6 key areas: academic, community service, expanding perspectives, socio-emotional, leadership and lifeskills.

Global Outreach Programme

The ASRJC global outreach programme brings learning beyond the classroom. Students have ample opportunities to gain cultural awareness, global perspectives and imbibe the spirit of service through overseas education and cultural exchanges. Besides the widening of their intellectual horizon, students also experience the great outdoors via adventure activities. Values, identity, and civic responsibility are discussed and come alive in these trips, and students are stimulated to imagine their future and life purpose. Some past trips include Harvard Model Congress Asia, NUS Research Institute (Suzhou-Shanghai), Overseas Science Competitions (Japan, PRC, USA), Model United Nations (MUN) conferences, immersion programmes with partner schools overseas (South Korea, UK, Vietnam), and service-learning trips to Cambodia etc.

- School-based Scholarships : **School Advisory Committee Scholarships**
The SAC 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, Nanoscience and Raman microscope lab and Makerspace for Science Research & Enrichment Programme; safe and well-equipped facilities to support students' learning and development, such as rifle range, rock wall, bouldering wall, abseiling station, tennis courts, multi-purpose sports hall equipped with drone safety enclosure, auditorium, band room, chinese orchestra room, choir room, dance studio, guitar room, photography darkroom and multi-media laboratory.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 : <http://www.acjc.moe.edu.sg>
<http://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 and a consciousness of self, others and God.
 Type of School : Government-Aided Sch/ 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 2018 JAE students posted to 2018 JC1 : Arts : 2 to 10
 Science : 2 to 9
 Subjects Offered : **H1 Subjects**

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

H2 Subjects

Art, Biology, Chemistry, Chinese Language and Literature, Computing, Economics, English Language & Linguistics, Further Mathematics, Geography, History, Knowledge & Inquiry, 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, Shooting, Soccer, Softball, Squash, Swimming, Table-Tennis, Tennis, Track & Field, Volleyball, Water Polo
 Uniformed Groups : Boys' Brigade Primers
 Performing Arts : ACSian Theatre, Band - Symphonic, Chinese Orchestra, Choir, Dance Society, Guitar Ensemble, Harp Ensemble, Indian Dance, String Ensemble
 Clubs & Societies : Art Club, Arts Council (History Society, Geography Society, Economics Society), Chinese Cultural Society, Christian Fellowship, Debating And Oratorical Society, First-Aid Unit, Interact Club, Library Council, Malay Cultural Society, Media Resource Crew, Photographic Society, Pixel Labs (Digital Media), Science & Mathematics Council (Biomedical, Biochemistry, Physics & Engineering, and Math & Computing), Students' Council, Tamil Cultural Society, 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
 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
Overseas Leadership Programme
Extensive Local & Overseas Values-In-Action Programmes
Voice@ACJC for Oratory and Public Speaking

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

School Code **7001**
ANGLO-CHINESE SCHOOL (INDEPENDENT)
 Course Code (IB) **511**

121 Dover Road S(139650)

Tel: 6773 1633

Fax: 6773 1433

School Website : <http://www.acsindp.moe.edu.sg>

Bus Services : 14, 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 2018 JAE students posted to 2018 JC1 : IB : 2 to 6

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 any Group.

Grp 1 : Literature (English) (HL/SL); Language & Literature (English) (HL/SL)

Grp 2 : Chinese B/ Malay B/ Tamil B/ Hindi B (SL) OR Ab initio (Spanish, French, Mandarin & Malay (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 (HL/SL)

Grp 6 : Music (HL); Visual Arts (HL)

Others : Pastoral Care, Physical Education

Subject prerequisites may apply. Please refer to school website for details.

School Fees : Singaporeans - \$450 per month
 Singapore Permanent Residents - \$850 per month
 International Students (ASEAN) - \$2,000 per month
 International Students (Non-ASEAN) - \$2,300 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, Bowling, Canoeing, Cricket, Cross-country, Golf, Football, Frisbee (Yr 5 & 6), Health & Fitness Club, Netball, Rugby, Sailing, Shooting, Softball, Squash, Swimming, Tennis, Track & Field, Waterpolo

Uniformed Groups : Boys' Brigade Primers, National Cadet Corps (Air, Land & Sea), St John Brigade, National Civil Defence Cadet Corps, National Police Cadet Corps (Land), Venture Scouts

Performing Arts : Choir, Cultural Performing Arts Club, Dance Venia, Drama Club, Guitar Orchestra, Philharmonic Orchestra, Symphonic Band, Wind Ensemble

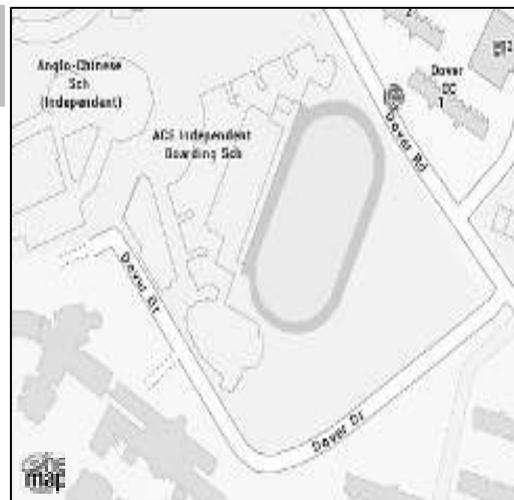
Clubs And Societies : ACSPress/Echo, Astronomy, Chess, School Co-op, Debate Club, Environmental Focus Group, Ink!, Interact Club, Library, Mathematics Competitions Team, Media Production AC, Media Resource, Odyssey Of The Mind, Photography Club, Robotics Club, School Magazine, Science Research Challenge, Young Diplomat Society, Young Entrepreneurs Society (Yr 3-6)

Others : Student Council

Special Programmes Offered

MOE Programmes : Music Elective Scholarship, Humanities Scholarship and Programme (HSP), Regional Studies Programme (RSP)

School-based Programmes : Advanced Science Programme, Career Opportunities and Guidance, Pastoral Care, Deans' List Programme, 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 family and community.

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 Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 : <http://www.cjc.moe.edu.sg>
<http://www.facebook.com/CatholicJC>
<http://www.instagram.com/catholic.jc>

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

Nearest MRT Station : Toa Payoh, Novena, Stevens

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, CHIJ Secondary (Toa Payoh), CHIJ Katong Convent, Montfort Secondary School, St. Anthony's Canossian Secondary School, St. Gabriel's Secondary School, CHIJ St. Joseph's Convent, St. Joseph's Institution, St. Patrick's School, CHIJ St. Theresa's Convent, Hai Sing Catholic School, Catholic High School, Holy Innocents' High School, Maris Stella High School, CHIJ St. Nicholas Girls' School

Net Aggregate range of 2018 JAE students posted to 2018 JC1 : Arts : 3 to 14
 Science : 2 to 15

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

H2 Subjects*
 Physics, Biology, Chemistry, Economics, English Literature, English Language & Linguistics, Geography, History, Mathematics, Knowledge & Inquiry, Further Mathematics

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

***Please refer to the subject pre-requisites on the CJC website at <http://www.cjc.moe.edu.sg>**

CCA Offered

Sports & Games : Shooting (Air Rifle & Air Pistol), Badminton, Basketball, Canoeing, Cross-Country, Fencing, Football, Floorball, Judo, Netball, Rugby, Swimming, Ten-Pin Bowling, Tennis, Track & Field, Volleyball

Visual and Performing Arts : Symphonic Band, Choir, Dance - Modern, Drama - English, Guitar Ensemble, Guzheng Ensemble, Film Sound & Video Club, Music Ministry

Clubs & Societies : Editorial Club, Environment Science Society, First Aid Club, Interact Club, Oratorical Society, Strategy Games Club, Student Council, St Vincent de Paul Society

Special Programmes Offered

MOE Programmes : English Language Elective Program (ELEP), MOE ELEP Scholarships available

School-based Programmes : **Local**
 CJC Ignite Talent Development Programme to enhance critical thinking and leadership skills
 CJC Integrated Leadership Development Programme
 CJC-OBS Local Leadership Programme
 CJC Strength-based Student Development Programme
 CJC Local Service Learning Programme
 CJC Work Attachment and Shadowing Programme
 Higher Education and Career Guidance Programme
 Religion/Ethics Programme
 English Language & Linguistics Symposium
 Science Research and University Partnership Programme
 Mathematics Talent Development Programme
 Local Humanities and Mother Tongue Enrichment Programmes
 Aesthetics Enrichment Programme
 Model United Nations (MUN) conferences.

Overseas

CJC Overseas Service Learning Programme
 CJC-OBS Global Leadership Programme
 Overseas English Language and Linguistics Enrichment Programme
 University of Hong Kong Immersion Programme
 Overseas Humanities Programme.



- School-based Scholarships Offered : CJC Archbishop's Scholarships (Academic)
CJC Flame Scholarships (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 <http://www.cjc.moe.edu.sg> for details.*
- School facilities : Performing Arts Centre and training facilities for Badminton, Basketball, Dance, Drama, Fencing, Floorball, Football, Guitar, Guzheng Ensemble, Judo, Rock Climbing, Shooting, Symphonic Band, Tennis, Volleyball

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 : <http://www.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 2018 JAE students posted to 2018 JC1	:	Arts : - Science : -
Subjects Offered	:	H1 Subjects

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

H2 Subjects

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

H3 Subjects

H3 Biology, H3 Chemistry, H3 Chinese Language & Literature, H3 Economics, H3 Geography, H3 History, H3 Literature in English, H3 Mathematics, H3 Physics, H3 Music

Please refer to the school website (<http://dunmanhigh.moe.edu.sg/>) for requirements to take certain subjects.

CCA Offered

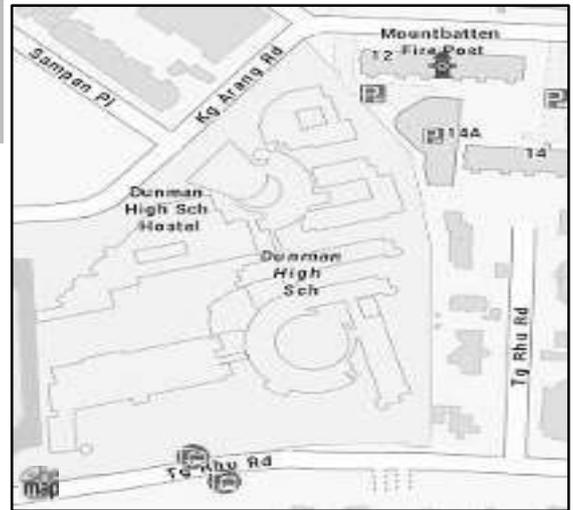
Sports & Games	:	Air Weapons Club, Badminton, Basketball, Bowling, Golf, Netball, Outdoor Activities Club (ODAC), Sailing, Singapore Youth Flying Club, Soccer (Boys), Softball (Girls), Taekwondo, Table Tennis, Tennis, Track and Field, Volleyball, Wushu
Performing Arts	:	Chinese Orchestra (including Guzheng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

Special Programmes Offered

MOE Programmes	:	Music Elective Programme (MEP), Bicultural Studies Programme (BSP), Chinese Language Elective Programme (CLEP)
School-based Programmes	:	DHScholars Programme - A programme that enhances students' competencies in responsible decision making in their post-JC education and scholarship choices in local and overseas universities. Work Experience Programme – An authentic learning experience to help students better understand their personal values and interests and the world of work and clarify personal career options and aspirations. Talent Development Programme – A Talent Development Programme that partners a wide range of stakeholders to provide platforms for Dunmanians to hone their edge in the fields of STEM, Humanities and Languages. Our partners include tertiary institutions, government agencies and statutory boards such as NUS, NTU, SUTD, SMU, MOE, DSTA, DSO, and SLA.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>



School Code **0714**

EUNOIA JUNIOR COLLEGE

Course Code (Arts) **38A**

Course Code (Science) **38S**

53 Mount Sinai Road S(276880)

(Above address is holding site* of the school from 2017 – 2019. The permanent campus is located along Sin Ming Avenue, near the junction of Marymount Road.)

Tel: 63518388

Fax: 63518399

School Website : <http://www.eunoiajc.moe.edu.sg>

Bus Services : 92, 100, 105, 106, 111, 147, 185

Nearest MRT Station : Buona Vista MRT Station, Dover MRT Station

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 2018 JAE students posted to 2018 JC1 : Arts : 6 to 11
Science : 2 to 10

Subjects Offered : **H1 Subjects**

Biology, Chemistry, Chinese Language, Economics, French Language@MOELC, General Paper, General Studies In Chinese, Geography, German Language@MOELC, History, Japanese Language@MOELC, Literature In English, 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, Tamil Language & Literature, Translation

H3 Subjects

Art, Biology, Chemistry, Chinese Language & Literature, Geography, History, Literature In English, Mathematics, Music, Physics, NTU Molecular Biology, NTU Semiconductor Physics & Devices, NUS Modern Physics, Science Research, SMU Game Theory

Please refer to the college website (<http://eunoiajc.moe.edu.sg/curriculum/subject-combinations/>) for requirements to offer certain subjects.

CCA Offered

Sports & Games : Badminton, Basketball, Floorball, Hockey (Girls), Netball (Girls), Softball, Squash (Girls), Table Tennis, 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, Outdoor Adventure (ODAC), Service Learning, Student Council, Visual Arts

Special Programmes Offered

MOE Programmes : Bicultural Studies Programme
Humanities Scholarship and Programme
Integrated Programme
Music Elective Programme

School-based Programmes : Environmental Literacy Programme
Leadership Advancement Programme
Liberal Arts Programme
Life Coaching Programme
Passion Pursuit
STEM Research Programme
Talent Development Programme
World Readiness Programme

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>.



* Map of holding site.

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 : <http://www.hci.edu.sg>

Bus Services : 66, 67, 74, 151, 154, 156, 157, 170, 171, 174, 852, 961

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 2018 JAE students posted to 2018 JC1
 Arts : 2 to 5
 Science : 2 to 5

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 & Spanish @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

For more information on prerequisites for individual subjects, subject combinations, and special programmes for incoming JC1 students please refer to HCI's Academic Programmes at <http://www.hci.edu.sg/admissions/college/academic-programmes-college#information-for-jc1-students>

School Fees : Singaporeans – \$350 per month (JC)
 Singapore Permanent Residents – \$690 per month (JC)
 International Students – ASEAN \$1,280 per month (JC); Others \$1,800 per month (JC)

Miscellaneous Fees : Nil

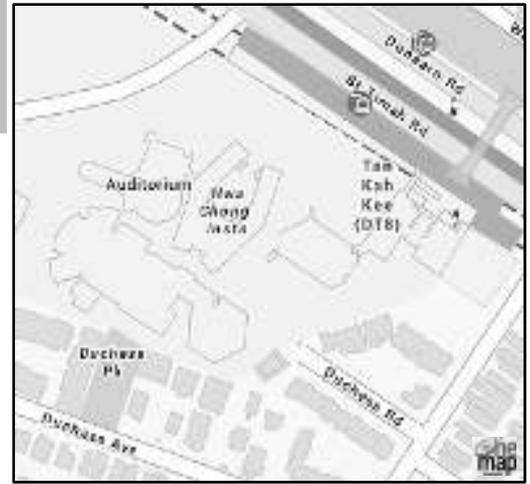
Supplementary Fees : Nil

CCA Offered
 Sports & Games : Badminton, Basketball, Canoeing, Cross-Country, Fencing, Football, Floorball, Golf, Gymnastics/Trampoline, Health And Fitness Club, Judo, Netball, Shooting (Air Rifle & Air Pistol), Softball, Squash, Table-Tennis, Tae-kwon-do, Tennis, Tchoukball, Touch Rugby, Track & Field, Ultimate Frisbee, Volleyball, Water Polo & Swimming, Wushu & Lion Dance

Uniformed Groups : Uniformed Group Leaders

Performing Arts : Band – Concert, Choir, Dance – Chinese, Dance – Modern, Ensemble – Guitar, Ensemble – Harmonica, 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 Society, International Cultural Club, English Literature Drama Debate Film Society, Library Club, Mind Sports Club, Outdoor Education Students Committee, Publications Society, Science Students' Research Council, Studio Ardent, 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)
- School-based Programmes
1. Hwa Chong Integrated Programme
 2. International Science Youth Forum@Singapore
 3. Hwa Chong Global Outreach Programme
 4. Hwa Chong Asia-Pacific Young Leaders Summit
 5. Hwa Chong Grassroots Attachment Programme
 6. Hwa Chong Talent Attachment & Grooming
 7. Hwa Chong Gifted and Talented Education Programme
 8. Hwa Chong Science and Mathematics Talent Programme
 9. Hwa Chong Science Research Programme
 10. Hwa Chong Entrepreneurship Programme
 11. Hwa Chong Integrated Boarding Programme
 12. Hwa Chong Sabbaticals

Other School Features

Hwa Chong Institution (HCI) is one of Singapore's premier Independent Schools, with a rich history of 100 years. The school's mission is to develop compassionate leaders to serve in the areas of research, industry and government. HCI has a strong focus on developing students who embrace the values of hard work, resilience, passion and compassion. It has produced 56 President's Scholars to date. Each year, about 50% of each cohort are offered admission to some of the best universities globally, including Oxford, Cambridge, and Imperial College London; Stanford, Berkeley, MIT, Yale, Princeton, Penn and Brown; Peking, Tsinghua and Fudan; as well as Medicine, Law and scholars programmes in the local universities.

Indeed, 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 emphasises not only academic excellence, but also creativity, entrepreneurial thinking, character building and leadership.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

School Code **0718**

JURONG PIONEER JUNIOR COLLEGE

Course Code (Arts) **40A**

Course Code (Science) **40S**

Jurong Pioneer Junior College (JPJC) will be formed from the merger of Jurong Junior College (JJC) and Pioneer Junior College (PJC) with effect from 2019.

21 Teck Whye Walk S(688258)

Tel: 65646878

Fax: 67651861

School Website : <http://www.jpjc.moe.edu.sg>

Bus Services : 975, 190, 985

Nearest MRT Station : Choa Chu Kang / Bt Panjang / Phoenix Station (LRT)

PJC School Vision : Always Serving, Always Learning

PJC School Mission : Nurturing a Community of Committed Learners and Compassionate Leaders

JJC School Vision : College of Choice, Education of Value

JJC School Mission : Nurture Confident Learners with a Global Outlook and Develop Leaders of Character with a Heart to Serve

Type of School : Government/ Mixed/ Full Day

Mother Tongue : Chinese/ Malay/ Tamil

Bonus Points given for Affiliated Schools : Not Applicable

Net Aggregate range of 2018 JAE students posted to 2018 JC1 at PJC (*JJC did not have a JC1 intake in 2018*)

Arts : 6 to 17
Science : 4 to 14

Subjects Offered :

H1 Subjects

Art, Biology, Chemistry, China Studies in English, Chinese Language, Economics, General Paper, General Studies in Chinese, 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, Economics, Geography, History, Literature in English, Mathematics, Physics.

For more information on prerequisites for subjects and subject combinations, please refer to the Jurong Pioneer JC's website at <http://www.jpjc.moe.edu.sg>.

CCA Offered

Sports & Games : Athletics, Badminton, Basketball (Boys), Floorball (Boys), Football (Boys), Gymfit, Hockey (Girls), Netball, Table-Tennis, Taekwondo, Tennis, Touch Rugby (Girls), Ultimate Frisbee, Volleyball.

Performing Arts : Chinese Cultural Society, Chinese Orchestra, Choir, English Drama Society, Indian Cultural Society, Guitar Ensemble, Malay Cultural Society, Modern Dance Club, Symphonic Band.

Clubs & Societies : Audio Visual Club, Chess Club, Civil Defence LionHearters, Community Engagement Council, Debate Society, Eco Club, InfoComm Club, Interact Club, Outdoor Activities Club, JP Press, PlayArt Club, Student Council, The Ambassadors. Student-initiated CCAs include International Current Affairs Society.

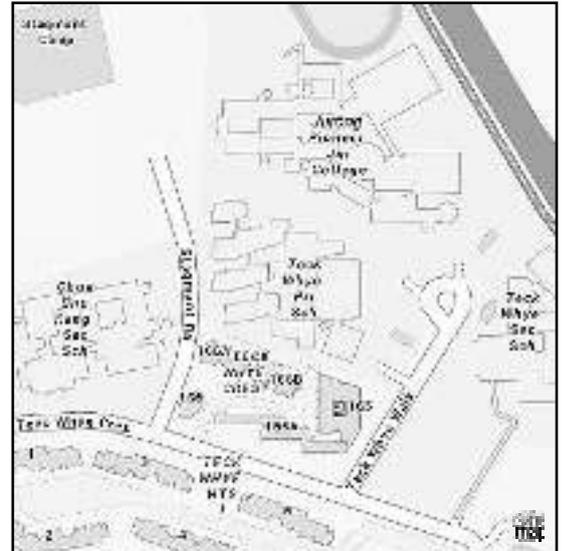
Special Programmes Offered

MOE Programmes : **Chinese Language Elective Programme (CLEP)**

The CLEP Programme 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: Scholars' Development Programme, CLEP Scholarship, 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.



Arts and Aesthetics

Arts education is integral to the child's holistic education that develops and inculcates knowledge and skills in the context of Singapore's multiculturalism. In a rapidly changing global landscape, our students must be dynamic and flexible, and yet rooted to strong values. The college's arts education aims to nurture a culture of arts exposure, experiential learning and engagement in order to develop students' intellectual capacity and potential in the arts. Opportunities are provided to engage the arts through various levels of engagement such as Discovery, Developing or Excelling in an area of the arts so that students are equipped with the relevant knowledge and skills that are aligned with the 21CC. Students in Arts & Aesthetics CCAs will also have opportunities to Initiate, Lead and Mentor activities in their chosen fields.

Science, Technology, Engineering and Mathematics (STEM) Programme

The **STEM** Programme seeks to provide opportunities for students to maximise their potential and recognise their unique characteristics, in preparation for a possible future in STEM-related careers. Through purposefully curated activities based on Treffinger's Levels of Service Framework (Awareness, Experience & Experimentation, Performance and Leadership), students are able to apply what they have learnt to authentic situations, and develop critical thinking and problem-solving skills. The college also houses the unique **Feynman Lab** which serves as a demonstration lab to provide a learning platform via the "*Learn, Do, Use*" Teaching and Learning approach. In addition to the STEM Speaker Series where renowned scientists and mathematicians are invited to deliver interesting and enriching lectures to students, students are also able to further their interests in the Sciences and Mathematics by initiating investigative projects which are mentored by teachers and researchers from tertiary institutions. There are also many opportunities for such projects to be presented at prestigious national and international platforms.

Talent Development Programme

The college is committed to imbuing in our students the courage to strive for continuous improvement and personal excellence. As a nurturing ground for talents, the college seeks to develop our students' full potential through our carefully curated programmes. The **Scholars' Development Programme** is specially customised to allow academically-able 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. Students will also have opportunities to participate in prestigious international multi-disciplinary competitions such as the World Scholar's Cup and immersive government simulation conferences such as the Harvard Model Congress Asia. In addition, students can develop their leadership potential via level-wide training and a variety of development platforms to initiate special projects to lead and mentor their peers. Some of these platforms include the MP Attachment Programme, Service Learning Projects, and a variety of leadership portfolios in CCAs 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 aims to equip our students with 21CC and enable them to be confident and concerned citizens who are not only self-directed learners but also active contributors to society. The college's unique **Engaging China Programme** provides opportunities for students to appreciate China's political, socio-cultural and economic dynamism and gather experiences that would help them to engage China in future. In addition, students will also have the opportunity to participate in the overseas **Work Shadowing Programme**.

Xinyao (新谣)

Xinyao is a collective memory of many Chinese Singaporeans and a cultural heritage of Singapore. The college is a co-organiser of the National Xinyao Singing and Song Writing Competition (新空下) that promotes the learning of the Chinese Language in an interesting and joyful way. With Xinyao as our niche, the college hopes to attract talented students to pursue Chinese language-related courses in our CLEP centre.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 : <http://www.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 : Circle Line 'Lorong Chuan' Station
 (2-minute walk via sheltered walkway)

School Vision : A leading college serving the nation with

- Enhanced character development
- Quality learners
- Quality staff
- Organisational excellence

School Mission : Uphold Values; Enhance Lifeskills; 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 2018 JAE students posted to 2018 JC1 : Arts : 2 to 8
 Science : 2 to 7

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, China Studies in Chinese, Chinese Language & Literature, Computing, Economics, English Language & Linguistics, Further Mathematics, Geography, History, Literature in English, Malay Language & Literature, Mathematics, Physics, Translation (Chinese)

H3 Subjects
 Art, Biology, Chemistry, Chinese Language & Literature, Economics, Geography, History, Literature in English, Mathematics, Physics

For information on our subjects and pre-requisites, please visit our college website and Open House 2019.

CCA Offered

Sports & Games : Badminton, Basketball, Dragon Boat, Floorball, Football, Judo, 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, CLEP Club, Gym Club, Interact Club, Malay Cultural Society, Media Resource Library, NY Debates, Outdoor Adventure Club, Photographic Society, Red Cross Humanitarian Network, Robotics Club

Leadership : Student Council, Class Leaders Executive Council (CLEXco), CCA Leaders, Class Leaders and Class Specialists

Student Interest Groups (SIG) : Acoustics Movement, Diabolo, European Society, Hanja, J-fire, Korzy, Mathematics Research Club, Ministry of Recreational Games, Nanyang Astronomers Club, Nanyang Calligraphy and Lettering, Nanyang Musicians Club, Nanyang Strings Ensemble, NY Arts, NY Chess Club, NY Chinese Debates, NY Cubers, NY Cultivation, NY Foosball, NY Pianists, NY Voices, NY Writers' Circle, Public Speaking

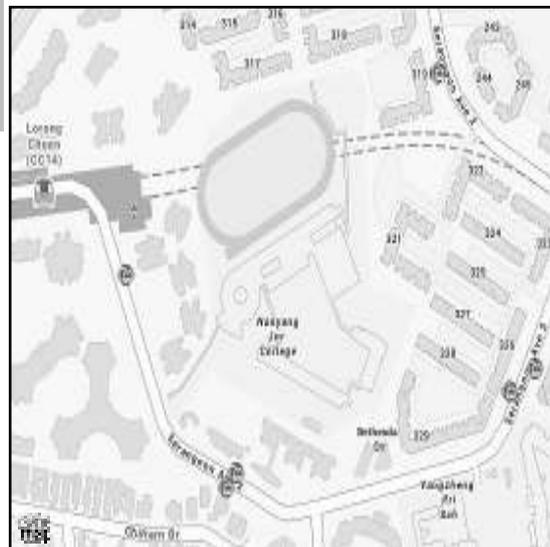
Special Programmes Offered

MOE Programmes :

- MOE Art Elective Programme (AEP)
- MOE Chinese Language Elective Programme (CLEP)

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 combination, taking consideration their passion and career aspirations. Our students have assembled more than 60 sets of subject combination.



- *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 lifeskills.
- *“Managing Self Leading Others” (MSLO)*
Through the MSLO framework, students reflect upon their lifeskills, leadership and 21st century competencies. Through reflection, they can understand themselves better and set themselves upon the next step for self-development.
- *Research opportunities*
Students who are interested in the world of science or social science research can apply to participate in programmes with local universities and institutes.
- *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 lifeskills. 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.

Supportive Learning Environment

- *Timetable structure*
We start our school day 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.

Visit our campus. Follow our website and Facebook page for information on Open House 2019.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 : <http://www.nationaljc.moe.edu.sg/>

Bus Services : 66, 67, 74, 151, 154, 156, 157, 170, 171, 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.

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 2018 JAE students posted to 2018 JC1
 Arts : 5 to 9
 Science : 2 to 8

Subjects Offered : **H1 Subjects**
 Chemistry, Chinese Language, Economics, Geography, General Paper, History, 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

***Pre-requisites for reading individual subjects and subject combinations are listed on the official NJC website**

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

CCA Offered

Sports & Games : Aikido, Badminton, Basketball, Canoeing & Dragon Boat, Climbing, Cross Country/Track & Field, Floorball, Hockey, Netball, Shooting, Soccer, Softball, Squash, Table Tennis, Tennis, Touch Rugby

Uniformed Groups : Not Available

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

Clubs & Societies : Aesthetics Club (Art, Photography, Digital Video), AVA & PA Club, CLDDS, ELDDS, Greenlink, ILDDS, BizTech, Interact Club, Mathematics Society, MLDDS, Outdoor Activities Club, Politicas, Science & Technology Society

Others : Student Council (Junior and Senior)

Special Programmes Offered

MOE Programmes : Integrated Programme (IP), Art Elective Programme (AEP), Humanities Scholarship and Programme (HSP)

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)

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 : <http://www.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 2018 JAE students posted to 2018 JC1 : Arts : 2 to 5
Science : 2 to 5

Subjects Offered : **H1 Subjects**
Art, Biology, Chemistry, Chinese Language, Economics, French@MOELC, German@MOELC General Paper, Japanese@MOELC, Literature in English, Mathematics, Malay Language, Physics, Project Work, Tamil Language

H2 Subjects
Art, Biology, Chemistry, Chinese Language and Literature, Economics, English Language and Linguistics, French Language@MOELC, Further Mathematics, German Language@MOELC, Geography, History, Japanese Language@MOELC, Spanish Language@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, English Literature, Geography, History, Malay Language and Literature, Mathematics, Music, Physics, Tamil Language and Literature

Other Subjects
Civics, Physical Education

School Fees : Singaporeans - \$300 per month
Singapore Permanent Residents - \$635 per month
International Students (ASEAN) - \$1,455 per month
International Students (Non-ASEAN) - \$1,950 per month

Miscellaneous Fees : -

Supplementary Fees : \$35 per month

CCA Offered

Sports & Games : Badminton, Basketball, Cricket, Cross Country, Dragon Boat, Fencing, Floorball, Golf, Hockey, Judo, Netball, Rugby, Sailing, Shooting, Soccer, Softball, Squash, Swimming, Table Tennis, Tenpin Bowling, Tennis, Touch Rugby (Girls), 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, Art Club, Astronomy Club, Audio Visual 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 Language Drama & 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)
Humanities Scholarship and Programme (HSP)
Music Elective Programme (MEP)
Regional Studies Programme (RSP)



School-based Programmes : Electives@Raffles Research Labs Programme
EW Barker Institute of Sports Science Research Programme
Foundations of Service Learning 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
Raffles Governance and Civic Engagement Programme
Raffles INVENT
Raffles Middle East Programme (RMEP)
Raffles Community Leadership and Citizenry Programme
Raffles Research Attachment Programme
Raffles Reflects
Raffles Science Institute 3D Printing Programme
Raffles Science Institute Food Science Enrichment Programme
Raffles Science Institute Marine Biology Programme
Raffles Science Institute Material Science Programme
Raffles Science Institute Organic Synthesis Programme
Raffles Science Institute Veredus Biotechnology Programme
Raffles Science Institute Water and Environment Sustainability Programme
Raffles Water and Environment Sustainability

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 : <http://www.rvhs.moe.edu.sg>

Bus Services : 99,157,172,174,174E,198,502,502A,SS4,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 2018 JAE students posted to 2018 JC1 : Arts : -
Science : -

Subjects Offered : **H1 Subjects**

Biology, Chemistry, Chinese Language, Economics, Geography, General Paper, History, Literature in English, Mathematics, Malay Language, Physics, 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), French, Japanese & German@MOELC

H3 Subjects

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

CCA Offered

Sports & Games : Badminton, Basketball, 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, Environmental Society, History and Current Affairs Society, Infocomm Club, Photography Club, Public Address Club, Robotics Club, Service and Citizenship Society, Student Editorial and 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)

School-based Programmes : RV Bicultural Leaders Programme
RV-Business China: China Perspective Forum
RV Chinese Cultural Appreciation Programme
RV Eco-Sustainability Leaders Programme
RV Global Experiential Programme
RV Global Model United Nations Programme
RV Higher Education and Scholarship Development Programme
RV Humanities and Social Sciences Leaders Programme
RV Interest Development Programme (Sports, Aesthetics, Clubs)
RV International Youth Leadership Programme : Y.LEAD Seminar
RV Mathematics Leaders Programme
RV Overseas Outdoor Adventure Programme
RV Overseas Service Learning Programme
RV Science Leaders Programme



RV Sports Education Programme
RV Student Leadership Development Programme
RV Technology, Innovation, Design & Entrepreneurship Programme
DSTA - DSO National Laboratories Young Defence Scientists Programme
Grassroots Attachment Programme
JC Law Programme

Other School Features

River Valley High School (RVHS) is one of the top educational institutions in Singapore. Founded in 1956, RVHS progressed from humble beginnings to become a Special Assistance Plan (SAP) school (1979) with Autonomous Status (1994) that offers a single-track 6-year Integrated Programme (2006). Our first batch of Integrated Programme (IP) 'A' Level students graduated in 2010. The school's vision is to be a world-class institution that develops leaders of distinction for Singapore. Our mission is to nurture in our students bicultural acumen and moral integrity, empowering them to be thinkers, leaders and achievers with a global perspective.

80% of RVHS students offer 4H2 subjects and 20% of the JC2 students offer subjects at the more advanced H3 level. Our students benefit from the school's unique and innovative teaching and learning experience that culminates in the Cambridge GCE 'A' Level Examinations. RVHS has maintained a consistent track record of producing students with excellent results. A strong testimony of our graduates' excellent all round holistic attainments is the substantial number of GCE 'A' Level graduates who were offered prestigious local and overseas scholarship and academic awards. To date, nearly 200 of our A Level graduates were offered prestigious scholarships of which 23 were awarded by PSC while others were from SAF/SPF, MOE, MOH, DSTA, A*Star and many other government statutory boards. Our graduates are also enrolled in prestigious universities like Stanford, Berkeley, Cambridge, Oxford, Imperial College London, Warwick, London School of Economics, Fudan and Peking as well as highly sought after courses such as Law, Medicine and scholar programmes in universities.

In RVHS, we offer a holistic curriculum comprising cognitive, leadership and talent development. Our graduates are independent and passionate learners with a strong sense of tradition and integrity. Effectively bilingual, they use their talents to serve the community, ever ready to embrace new challenges in a changing world.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 :

<http://www.standrewsjc.moe.edu.sg>

<http://www.facebook.com/standrewsjc>

Bus Services

SBS Transit : 8, 26, 31, 90, 142, 151, 154 (PIE)
13, 107, 107M, 133, 142, 147, 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 2018 JAE students posted to 2018 JC1

Arts : 3 to 12
Science : 2 to 11

Subjects Offered

H1 Subjects

Biology, Chemistry, China Studies (English), 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, Further Mathematics, History, Literature in English, Mathematics, Physics, Tamil Language and Literature

H3 Subjects (with MOE Partners)

Biology, Economics, Geography, History, Physics

MT 'B' Subjects

Chinese 'B', Malay 'B', Tamil 'B'

CCA Offered

Sports & Games

: Badminton, Basketball, Canoeing, Football, Hockey, Netball, Rugby, Ten-Pin Bowling, Tennis, Touch Rugby, Track & Field, Ultimate Frisbee, Water Polo

Uniformed Groups

: Not Available

Performing Arts

: Chinese Orchestra, Choir, Concert Band, Dance, Drama, Guitar Ensemble

Clubs & Societies

: Audio & Video/PA Club, College Publications, Debating and Oratorical Society, Environment Club, Indian Cultural Society, Interact Club, Malay Cultural Society, Mentoring Club, Outdoor Activities Club, Photographic Society, Saints Model United Nations Club, Saints Sports Club

Leadership

: CCA and Class Leadership appointments, Saints Advocate, Saints For Christ, Student Council

Special Programmes Offered

MOE Programmes

: Not Available

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 make a contribution to society, and 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. These Habits begin with a heart that '*Desires to Serve*'. It is followed by the head that '*Learns to Lead*'. Finally, it culminates in the hand 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. Using our signature Competencies Assessment Tool, we aim to grow Saints in their awareness of the competencies of a servant leader and guide them in the development of the Qualities of a Saint. The tool is used for the students' personal target setting and self-monitoring of their growth. 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, Model United Nations Leadership Summit and Local and Overseas Service Learning.

Talent Development Programme

The Talent Development Programme (TDP) offers Saints who are academically talented two specialised programmes that challenge them to fulfill their potential, namely the St Andrew's Humanities Scholars Programme (HSP) and the St Andrew's Science Scholars Programme (SSP). The HSP and the SSP offer Saints exciting curriculum opportunities designed to prepare them for prestigious scholarships in both government and private sectors. In addition, Saints in the TDP are equipped with a strong foundation that will enable them to confidently overcome obstacles and take on new challenges in their development as a servant leader. True to our enduring vision to nurture *every Saint as a Servant Leader*, the TDP curriculum further sharpens 21st century leadership competencies of information and communication skills, critical and inventive thinking, civic literacy, global awareness and cross-cultural skills.

SAJC Scholarships

Apart from MOE's awards such as the Good Progress Award and Edusave Awards for Achievement, Leadership & Service (EAGLES), 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 criteria.

Education and Career Guidance

Our Education and Career Guidance Programme aim to equip Saints to understand their personal profiles and exercise good and sound judgment over their career and higher education pathways. They also provide opportunities for aspiring Saints to obtain first-hand knowledge on the options available for local and foreign scholarships. In addition, the Work Shadowing programme provides Saints with opportunities to be attached to a variety of professions across industries and to acquire greater clarity on their career inclinations and an awareness of the world of work.

Innovation and Enterprise

Innovation and Enterprise (I&E) is an important life-skill and developing this, will better prepare our students to face uncertainty and change with more resilience. Thus, I&E opportunities have been created for Saints to put into action their ideas and sharpen their problem solving, communication and research and marketing skills in a real world context, helping in the formation of character, fostering grit and enterprise. For instance, students have opportunities to suggest, design and market school merchandise that they have helped to develop for sale at the school bookshop to their peers and participate in social enterprises, mentored by teachers, local businesses and communities. This allows them to acquire a greater awareness and understanding of the strategies and challenges of entrepreneurial ventures, and access necessary resources to implement their business ideas. In addition, to promote the spirit of enterprise and inspire the pursuit of passion and interests, students can take to the TEDxYouth@SAJC stage to share their ideas with the community of current and ex Saints, and partners, network and gain new perspectives.

Arts Enrichment Programmes

SAJC biennially showcases our Saints' artistic talents in a series of concerts and productions. SAJC's Concert Band, Dance Society, Chinese Orchestra, Choir, Drama Club, and Guitar Ensemble take great pride in these concerts and performances. Saints learn soft skills such as leadership and management through the planning and execution of these concerts, giving them a truly enriching and memorable experience as part of their holistic education in the College. This opportunity to experience the stage also extends to all Saints with the College's Lunch Time Concerts held at the Music Lounge / Cafe. These are open to any Saint who would like to showcase their talent. Special arts enrichment programmes are also organised to enrich and engage our Saints to develop in them creative and critical thinking skills.

Overseas Programmes

We believe strongly in providing Saints with opportunities to be exposed to learning overseas. For example, there are curricular based enrichment and fieldwork for a range of subjects, and overseas immersion. The College has also partnered with educational institutions overseas providing our Saints with even more avenues for enriching their learning experiences. Our twinning schools are Romain-Rolland Oberschule Gymnasium (Germany), Triam Udom Suksa School (Thailand) and Vories School (Japan). Both sports and performing arts CCAs also conduct training and cultural immersion programmes on a regular basis. In addition, Saints are sent overseas for Olympiads and competitions, as well as community service.

School Achievements

SYF Achievements: Choir, Concert Band and Dance (Distinctions); Chinese Orchestra and Guitar (Accomplishment); Drama (Commendation)

Sports Achievements: Football Girls, Ten-pin Bowling and Frisbee (3rd); Rugby, Hockey Boys and Water polo Girls (4th)

Others: American Mathematics Contest 2017 (Distinction), Australian Mathematics Competition 2017 (High Distinction), Singapore Math Kangaroo Contest 2017 (Gold), Singapore Mathematical Olympiad 2017 (School Commendation Award & 1 Silver), Singapore Chemistry Olympiad 2017 (1 Silver, 1 Bronze), URA CUBE 2017 (Merit), Energy Innovation Challenge 2017 (Merit), NUS Political Association Debate Series 2017 (Merit).

Singapore Quality Class, People Developer Award, Lotus Achievement Award (2017), Academic Value-added Bronze Award (2013), Scholarships from Public Service Commission, Singapore Armed Forces, A*STAR, Ministry of Health Holdings, Ministry of Education, NUS, NTU, SUTD, SMU, Spring Singapore, NParks, Ministry of Home Affairs, Land Transport Authority, etc.

For more information on College achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

School Code **7020**
ST. JOSEPH'S INSTITUTION
 Course Code (IB) **521**

38 Malcolm Road S(308274)

Tel: 62500022

Fax: 62533640

School Website : www.sji.edu.sg

Bus Services : 105, 132, 151, 153, 154, 156, 186, 190, 700, 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 2018 JAE students posted to 2018 JC1 : IB : 2 to 8

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 at 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/ibdp 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), English A: Literature and Performance (SL), Chinese A: Literature (SL)
- Group 2: Chinese B (HL/SL), Malay B (SL), Mandarin *ab initio* (SL), Malay *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 (HL/SL), Further Mathematics (HL)
- Group 6: Music (HL/SL), Visual Arts (HL/SL)

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

Fees

(Accurate as of June 2018)

	School	Miscellaneous	Total (Per Month)
Singapore Citizens	\$450	\$100	\$550
Permanent Residents	\$800		\$900
International (Asean)	\$1600		\$1700
International (Non-Asean)	\$2000		\$2100

CCA Offered

Creativity, Activity, Service (CAS)

Students are encouraged to participate in experiences and projects that further their interests, as well as 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 adventure, and service. Students can choose from the formal CCAs on offer at SJI (see below) and 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.

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

- Uniformed Groups : NCC (Land), NCC (Air), NPCC, Venture Scouts, SJB, Bag Pipes & Drums
- Creativity : Performing Arts experiences through the Chamber Ensemble, Drama, Dance, Vocapella and Ukelele. Other Creativity experiences are offered through the Astronomy Club, Coding and Technology Club, Debating Society, Ecology Club, Entomology, Film Club, Law Society, Photography, TEDxYouth@SJI and Society of International and Current Affairs (SICA –Model United Nation).
- Activity : Football, Basketball, Ultimate Frisbee, Dragon Boat, Badminton, Track & Field, Sports Elective Modules, Sibul Kayaking Expedition.
- Service : ACE Calvary, Community Care Service Project, Ang Mo Kio Hospital (Thye Hua Kwan), Beacon, BLOODay, Lasallian Mentoring, Social Enterprise Club (PRISM), Ulu Pandan Star Tuition Programme, Silver Friends and Activity, and Team Nila. The school also encourages students to develop and lead their own service experiences.



Special Programmes Offered

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.

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 of between 18-22 students instead of mass lectures.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

School Code **0717**

TAMPINES MERIDIAN JUNIOR COLLEGE

Course Code (Arts) **41A**

Course Code (Science) **41S**

Tampines Meridian Junior College (TMJC) will be formed from the merger of Tampines Junior College (TPJC) and Meridian Junior College (MJC) with effect from 2019.

21 Pasir Ris Street 71 S(518799)

Tel: 63493660

Fax: 63493667

School Website : <http://www.tmjc.moe.edu.sg>

Bus Services : 3, 39, 53, 81, 89, 109, 358, 518

Nearest MRT Station : Pasir Ris

MJC School Vision : A leading institution acclaimed for its academic distinction and richness of learning experiences in a culture of initiative and empowerment

MJC School Mission : To cultivate learned men and women of calibre, with the heart and will to lead and serve in a challenging world

TPJC School Vision : A Leader in Every Student

TPJC School Mission : To inculcate excellence of achievement, a passion for learning and a zest for life

Type of School : Government/ Mixed/ Full Day

Mother Tongue : Chinese/ Malay/ Tamil

Bonus Points given for Affiliated Schools : Not Applicable

Net Aggregate range of 2018 JAE students posted to 2018 JC1 at MJC (TPJC did not have a JC1 intake in 2018)

Arts : 5 to 13

Science : 3 to 14

Subjects Offered :

H1 Subjects

Art, Biology, Chemistry, Chinese Language, Economics, China Studies in English, Literature in English, General Paper, General Studies in Chinese, 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)

CCA Offered

Sports & Games : Archery, Badminton, Basketball, Hockey, Floorball, Football, Netball, Rock Climbing, Shooting (Air Rifle/Pistol), Squash, Table Tennis, Taekwondo, Tennis, Volleyball, Wushu

Uniformed Groups : Not Available

Performing Arts : Chinese Orchestra, Choir, Dance (International), English Drama, Guitar Ensemble, Symphonic Band

Clubs & Societies : Culture Promotion Club, Debates Society, Health & Fitness Club, Interactive Games Club, Makers Club, Media Resource Club, Outdoor Activities Club, Paddlers' Club, Photography Club, Interact/Service Learning Club, Student Council

Others : CCA Exco, Class Committees, Project Committees

Special Programmes Offered

MOE Programmes : Malay Language Elective programme (MLEP), Drama Elective Programme (DEP)

School-based Programmes : **Character & Citizenship Development:** Nurtures students to have a personal vision and be anchored in values and principles in the pursuit of their vision.

Educational & Career Guidance: Equips every student with the knowledge and skills to make informed decisions about their future pursuits, and grooms future leaders and scholars with the capacity to excel in challenging undertakings.

Leadership Development: Provides opportunities for students to build and develop their leadership capacities.



- **Global Education:** Provides opportunities for students to be exposed to Asia and the world so that they are more aware of Singapore's global position. The programmes also develop 21st Century Competencies of global awareness and cross cultural skills and sensitivities, and inspire the heart and will to lead and serve in a challenging world.
- **Seminar Series:** Provides opportunities for students to be connected with speakers from a diverse range of academic, industrial and social fields that will allow participants to gain deeper knowledge on local and global issues. These seminars are also platforms for students to develop as critical thinkers and confident, coherent communicators in engaging visiting speakers.
- **Values in Action & Service-Learning:** 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 and learning journeys, taking learning beyond the classroom. These include Olympiad competitions, external research attachments and summer programmes.
- **Scholarships and Awards:** In addition to MOE scholarships and awards, our College also offers internal scholarships.

School Achievements

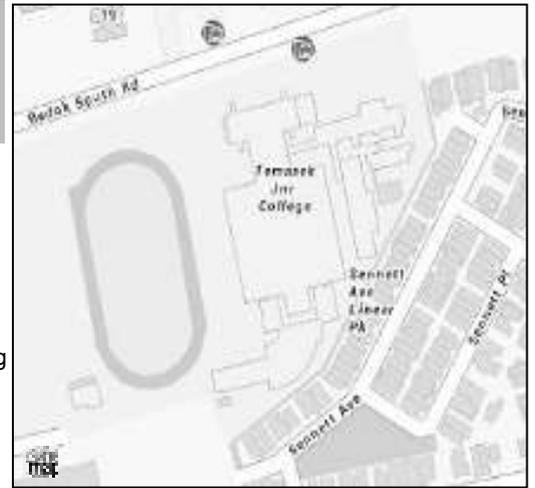
For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

School Code **0702**

TEMASEK JUNIOR COLLEGE

Course Code (Arts) **32A**

Course Code (Science) **32S**



22 Bedok South Road S(469278)

Tel: 64428066

Fax: 64428762

School Website : <http://www.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 2018 JAE students posted to 2018 JC1 : Arts : 3 to 11
Science : 2 to 10

Subjects Offered : **H1 Subjects**
General Paper, Project Work, MTL, Biology, Chemistry, Physics, Mathematics, Economics, History, English Literature, Art

H2 Subjects

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

H3 Subjects

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

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

CCA Offered

Sports & Games : Badminton, Basketball, Bowling, Cross Country, Floorball (Boys), Football (Boys & Girls), Netball (Girls), Shooting, Squash (Girls), Swimming, Table Tennis, Taekwondo, Tennis, Volleyball, Water Polo (Girls)

Cultural and Performing Arts : Chinese Orchestra, Choir, Chinese Drama, English Drama, Guitar Ensemble, Modern Dance, String Ensemble, Symphonic Band

Clubs & Societies : Debate Club, First Aid Club, Indian Cultural Society, InfoComm Club (AV, IT & Photography), LEO Club, Malay Cultural Society, Outdoor Adventure Club

Special Programmes Offered

MOE Programmes :

- **Chinese Language Elective Programme (CLEP)**
- **Humanities Scholarship and Programme (HSP)**
- **Music Elective Programme (MEP)**

School-based Programmes :

- **6-Year Integrated Programme**
- **6-Year Music Elective Programme (MEP)**
- **4-Year Chinese Language Elective Programme (CLEP)**
- **Academic Enrichment Programmes**

Science: Singapore Biology/Chemistry/Physics Olympiad (MOE/NUS), Science Research Programme (NUS), Nanyang Research Programme (NTU), Singapore Science and Engineering Fair (MOE/ASTAR/SSC), Singapore Junior Water Prize (SJWP) (Lien Foundation and Ngee Ann Polytechnic), Young Defence Scientists Programme (DSO), Beijing Aerospace Summer Camp (MOE), Crystal Growing Competition (NUS), Singapore Amazing Flying Machine Competition, International CB Paul Science Quiz, Energy Innovation Challenge and CleanTech competition.

Mathematics: Singapore Mathematics Olympiad, American Mathematics Competition, Australian Mathematics Competition

Arts: NUS Humanities and Social Sciences Research Programme, NUS Creative Arts, Temasek Humanities Programme, Geography and History Talent Development Programme (MOE)

- **Student Development and Leadership Programmes:**

Talent Development Programme (TDP):

The Talent Development Programme is a pinnacle leadership programme. Students on the programme will be exposed to opportunities to build on their portfolio with focus on the 21st Century competencies and outcomes.

Mazarin Programme:

This student leadership programme aims to expose and stretch outstanding students to reach out and make a difference to others in College, the community or the environment. Selected students will lead in Make-A-Difference projects, which enable them to learn and sharpen their communication skills, leadership skills, geo-political awareness as well as to have a better understanding of their strengths and the ability to develop them further.

Overseas Leadership Immersion Programme:

This programme brings selected student leaders to a regional country to gain leadership insights through dialogue sessions with key industry leaders and to share leadership experiences through networking with student leaders from overseas.

Temasek Leadership Showdown:

Organized by TJC student leaders, the Temasek Leadership Showdown is a nation-wide student leadership competition which aims to engage young leaders in core social issues and provides participating schools with the opportunity to assess the leadership development of their student leaders. It is a dynamic platform for student leaders to hone and develop their leadership skills as well as to network and exchange ideas with like-minded peers.

Temasek Internship Programmes (TIP):

The Temasek Internship Programme is a platform for students to immerse themselves in their areas of interest in terms of career options so as to be better informed of their higher education choices. It provides opportunities in a variety of professions including law, architecture, hospitality, medical, media and business. This programme allows students to learn, as interns, from experts in their respective fields.

Temasek Overseas Outreach Programme (TOOP):

TOOP enables students to develop and showcase their leadership qualities, spirit of youth activism and an appreciation for cultural diversity. TOOP student leaders plan and organize their trips based on the needs of the overseas beneficiaries and undergo training adopting the Service Learning model. Over the years, the college has worked with partners in Cambodia, Myanmar, Vietnam and China.

Overseas Immersion & Exchange Programme:

In line with the College's vision to nurture our students' passion for knowledge in a vibrant learning environment, TJC has established partnerships with reputable local and overseas institutions. Our attachment programmes include: Humanities Trip, MEP Study Trip, MOE Taiwan Exchange Programme, JC LEP Taiwan Immersion Programme, JC LEP China Immersion Programme and Academic Study Trips.

- **Scholarships and Awards:**

TJC Academic Excellence Scholarship (TJCAES):

The TJCAES is awarded to students (Singapore Citizens and Singapore PRs only) who join us with excellent GCE O-Level results of raw score of L1R5 = 6. It comes with an award of S\$2400 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 good GCE O-Level results of raw score of L1R5 = 7. It comes with an award of S\$800 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 an award of \$800 and a place in the Talent Development Programme.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg>

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 : <http://www.victoriajc.moe.edu.sg>
 Bus Services : 13, 16, 31, 36, 43, 48, 55, 135, 196, 197
 Nearest MRT Station : Kembangan, Eunos
 School Vision : **LIVE** like a Victorian.
Legendary Spirit
Visionary Leadership
Extraordinary Service
 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 2018 JAE students posted to 2018 JC1 : Arts : 2 to 8
 Science : 2 to 6
 Subjects Offered :

H1 Subjects

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

H2 Subjects

Art, Biology, Chemistry, China Studies in English, 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

For information on subject pre-requisites, please refer to the College website:

<http://victoriajc.moe.edu.sg/prospective-students/academic-programmes/a-level-curriculum/>

CCA Offered

Sports & Games : Badminton, Basketball, Cricket, Cross Country, Floorball, Golf, Hockey, Netball, Rock-climbing, Sailing, Soccer, Swimming, Table Tennis, Taekwondo, Tennis, Track & Field, Volleyball, Wushu
 Uniformed Groups : Not Available
 Performing Arts : Chinese Orchestra, Choir, Dance Club, Drama, Guitar Ensemble, Harmonica Band, Piano Ensemble, String Ensemble, Symphonic Band
 Clubs & Societies : Art Club, Astronomy Club, Chinese Calligraphy, Chinese Society, Debating Society, Earth Watch, First Aid Club, Horticultural Society, iGlobe (Global Affairs Society), Indian Cultural Society, Interact Club, Library Council, Malay Cultural Society, Mathematics Society, Medical Society, Outdoor Activities Club, PA Crew, Photography Society, Robotics and Makers Club, Science Society, Strategic Games Club, Students' Council, StudioV, Veconomist, Writers' Circle
 Others : Not Available

Special Programmes Offered

MOE Programmes : 1. Humanities Scholarship and Programme (HSP)
 2. Drama Elective Programme (DEP)
 3. NUS-A*STAR-VJC Science Research
 4. Regional Studies Programme (RSP)
 5. Victoria-Cedar Alliance Integrated Programme (VCA IP)
 School-based Programmes : 1. Aesthetics Programme
 2. Beyond Borders Programme
 3. Career Guidance and Work Attachment Programme
 4. Higher Education Guidance Programme
 5. Olympiad Training Programme
 6. Overseas Exchange Programme
 7. Scholarship and Mentoring Programme
 8. Student Leadership Programme
 9. Victoria Science, Mathematics and Research Talent (VSMART) Programme

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

School Code **0716**

YISHUN INNOVA JUNIOR COLLEGE

Course Code (Arts) **42A**

Course Code (Science) **42S**

Yishun Innova Junior College (YIJC) will be formed from the merger of Yishun Junior College (YJC) and Innova Junior College (IJC) with effect from 2019.

3 Yishun Ring Road S(768675)

Tel : 62579873

Fax: 62574373

School Website : <http://www.yijc.moe.edu.sg>

Bus Services : 167, 169, 171, 800, 812, 980

Nearest MRT Stations : Yishun, Khatib

YJC School Vision : The choice college of leaders with passion and integrity

YJC School Mission : To nurture righteous leaders, responsible global citizens, who pursue excellence in all endeavours

IJC School Vision : A forward-looking community of leaders and thinkers

IJC School Mission : Develop future-ready leaders and thinkers

Type of School : Government/ Mixed/ Full Day

Mother Tongue : Chinese/ Malay/ Tamil

Bonus Points given for Affiliated Schools : Not Applicable

Net Aggregate range of 2018 JAE students posted to 2018 JC1 at YJC (IJC did not have a JC1 intake in 2018)

Arts : 6 to 20
Science : 10 to 20

Subjects Offered :

H1 Subjects

Art, Biology, Chemistry, China Studies in English, Chinese Language, Economics, General Paper, General Studies in Chinese, 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 and Literature, Computing, Economics, Further Mathematics, Geography, History, Literature in English, Malay Language and Literature, Mathematics, Physics, Tamil Language and Literature

H3 Subjects

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

For information on subject combinations and subject pre-requisites, please refer to the College website.

CCA Offered

Physical Sports : Air Weapons, Badminton, Basketball, Floorball, Football, Frisbee, Modular Sports, Netball, Squash, Table Tennis, Tennis, Tenpin Bowling, Track & Field / Cross-country, Volleyball, Wushu

Visual and Performing Arts Groups : Art Club, Chinese Cultural Society (including Chinese drama), Chinese Orchestra, Chorale, English Language Drama and Debating Society ELDDS (Drama), Guitar Ensemble, Indian Cultural Society (including Indian Dance), Malay Cultural Society (including Malay Dance), Modern Dance, Musicians' Club, Symphonic Band

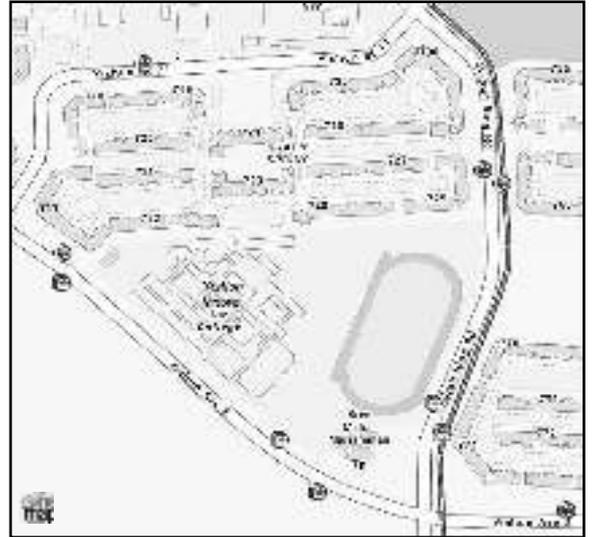
Clubs & Societies : English Language Drama and Debating Society ELDDS (Debate), Interact Club, Library Council, Makers' Academy, Outdoor Activities Club, Strategy Club, Student Council

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 a literary publication. 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.

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, the college is committed to developing digitally-ready youth who can seize the benefits and opportunities afforded by technology within the context of a Smart Nation. The digital literacies programme builds resilience and discernment amongst youth through information and media literacy. It also empowers them with competencies to work productively and innovate with technology to benefit their communities and thrive in the digital world. Students who wish to acquire more advanced technological competencies can choose to join the Makers' Academy, a CCA that empowers students with media, computational and innovation skills.

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. Mentoring by teachers scaffolds leadership growth and development, guiding students through the reflection of their performance across assignments and how it relates to where they are on their developmental journey.

3 The Humanities Experience

All students who offer a Humanities subject either at the 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, there are multiple platforms for all Humanities students to be engaged in a plethora of local and overseas activities. These activities provide real-world experiences to heighten their appreciation of the Humanities, understand its role in the world today and value-add to the academic experience at the junior college level.

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 breadth of scientific activities and depth of scientific research. Students with a passion for science can embark on various scientific research projects mentored by experts from tertiary institutions and research institutes, such as the Nanyang Research Programme. Our students have won accolades at Elementz and the Singapore Science and Engineering Fair, and have also participated in our unique exchange programmes with top high schools in Thailand.

5 Talent Development Programme

The College recognises the potential of higher achieving students and supports their development through the Talent Development programme. Students who qualify for the programme will be given developmental opportunities in the areas of leadership, digital literacy, global awareness, as well as active citizenship, supported by a one-to-one mentoring programme. The programme also aims to enhance their personal effectiveness through personal branding, personal statement writing, interview and networking skills to prepare them for university and scholarship 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 skills 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 Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>

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 : <http://www.millennia institute.moe.edu.sg>

Bus Services : 66, 157, 174, 174e, 178, 506, 941
Nearest MRT Station : Bukit Batok - change to bus 66, 157, 174, 941, 991,
506, 174e
- 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 2018 JAE students posted to 2018 MI

Arts	: 10 to 18
Commerce	: 9 to 20
Science	: 3 to 17

Subjects Offered : **H1 Subjects**

(Students must meet minimum requirements to offer certain H1 subjects. The details are available on the MI website.)

Compulsory H1 : General Paper, Project Work, Mother Tongue Languages

H1 Content-Based Subjects : Art, Biology, Chemistry, China Studies in English, Economics, General Studies in Chinese, Geography, History, Literature in English, Mathematics, Physics

H2 Subjects

(Students must meet minimum requirements to offer certain H2 subjects. The details are available on the MI website.)

Art, Biology, Chemistry, Economics, Geography, History, Literature in English, Management of Business, Mathematics, Mother Tongue Languages, Physics, Principles of Accounting

CCA Offered

Sports & Games : Badminton, Basketball, Cross Country & Track, Floorball, Football, Hockey, Netball, Tennis (Recreational)
Uniformed Groups : Not Applicable
Performing Arts : Angklung Kulintang Ensemble, Indian Dance & Cultural Society, Malay Dance & Cultural Society, Modern Dance, Symphonic Band
Clubs & Societies : Art Club, Chinese Cultural Society, Entrepreneurship Club, Library & Journalists Club, New Media Club, ELDDS, Service Learning Club, Youth Diplomats Society, Student Council
Others : In line with the institute's strategic thrust to develop leadership qualities, the institute supports student-initiated CCAs

Special Programmes Offered

MOE Programmes : Not Available

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 academic skills and 21st Century Competencies 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 Design Thinking, Innovation and Enterprise and Creative Arts Electives.
- **Leaders** – To develop leaders of character and values and promote activism for social/environmental causes in Singapore and beyond. Key programmes include leadership training, MI.WORLD trips, talent development, service learning and establishing strategic alliances with the wider community.

School Achievements

For information on school achievements, please refer to the MOE School Information Service website at <http://sis.moe.gov.sg/>



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 http://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 http://www.ite.edu.sg .
2.	ITE College East 10 Simei Avenue Singapore 486047	6590-2262 http://www.ite.edu.sg	
3.	ITE College West 1 Choa Chu Kang Grove Singapore 688236	6590-2628 http://www.ite.edu.sg	
4.	Nanyang Polytechnic 180 Ang Mo Kio Ave 8 Singapore 569830	6451-5115 http://www.nyp.edu.sg	Access the prospectus online at http://www.nyp.edu.sg/media/publications/prospectus
5.	Ngee Ann Polytechnic 535 Clementi Road Singapore 599489	6463-1233 http://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 http://www.rp.edu.sg	Access the prospectus online at https://www.rp.edu.sg/about-us/media/publications
7.	Singapore Polytechnic 500 Dover Road Singapore 139651	6775-1133 http://www.sp.edu.sg	Access the prospectus online at http://www.sp.edu.sg (Go to "About SP", followed by "Publications", click on "Prospectus".)
8.	Temasek Polytechnic 21 Tampines Ave 1 Singapore 529757	6788-2000 http://www.tp.edu.sg	Access the prospectus online at http://www.tp.edu.sg/about-tp/media-centre/publications#tab3

2.2 The contact details for Financial Assistance Schemes and SEN Support available in the Polytechnics and ITE may be found below:

S/No.	Institution	Financial Assistance Contact Number & Internet Address	SEN Support Contact Number & Internet Address
1.	ITE College Central	1800-222-2111 http://www.ite.edu.sg/ (Go to "Full-time Courses", click on "Admission", followed by "Full-time" and go to the "Scholarships, Awards & Bursaries" tab.)	8182-7371 https://www.ite.edu.sg/wps/portal/learning_accessibility
2.	ITE College East		6544-9287
3.	ITE College West		6590-2628
4.	Nanyang Polytechnic	6451-5115 / 6550-0056 http://www.nyp.edu.sg/admissions/full-time-diploma/financial-matters-financial-assistance.html	6550-1987 / 6550-1988 http://www.nyp.edu.sg/current-students/special-education-needs-unit
5.	Ngee Ann Polytechnic	6460-6788 / 6460-7553 https://www.np.edu.sg/admissions/Pages/aid.aspx	6460-7978 https://www.np.edu.sg/pages/sen.aspx
6.	Republic Polytechnic	6510-3000 https://www.rp.edu.sg/financial-assistance/financial-assistance	6369-8910 https://www.rp.edu.sg/student-care/special-educational-needs
7.	Singapore Polytechnic	6775-1133 https://www.sp.edu.sg/sp/admissions/financial-matters/financial-assistance/overview	6775-1133 http://www.sp.edu.sg/SEN
8.	Temasek Polytechnic	6788-2000 http://www.tp.edu.sg/fees-and-financial-matters/financial-assistance-schemes	6780-5959 http://www.tp.edu.sg/admissions/special-educational-needs-support

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 and research in the creative arts. It also delivers degree programmes validated by Goldsmiths College, University of London. LASALLE offers the following full-time diploma courses:

FACULTY	PROGRAMMES
Design	Diploma in Design Communication
	Diploma in Fashion
	Diploma in Interior Design
Fine Arts	Diploma in Fine Arts
Media 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 Technical and Production 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

Aggregate score of 25 points in 4 GCE 'O' Level subjects, excluding English. A pass in English at Grade C6 or better. Alternative English qualification: IELTS 5.5 or TOEFL iBT 71.

3.2.2 Audition/Portfolio Presentation

Upon presenting the above qualifications, all Visual Arts (Design, Fine Arts and Media Arts) applicants will be required to attend an interview and a portfolio presentation to demonstrate their creative potential. Performing Arts applicants will be required to attend an interview and an audition to showcase their talent and creative potential in their chosen discipline.

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



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 Merchandising and Marketing
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 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.
- **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.

Other criteria considered for admissions:

- **Co-curricular Activities (CCA)** – 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.
- **Potential in Artistic Talent and Creativity** – 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.
- **Special Factors** – Recognition is accorded for prior achievements in areas relevant to intended studies.

3.3.2 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: (65) 6512-4071

Email: [**admissions@nafa.edu.sg**](mailto:admissions@nafa.edu.sg)
Website: [**www.nafa.edu.sg**](http://www.nafa.edu.sg)

SINGAPORE ARMED FORCES (SAF) POLYTECHNIC SPONSORSHIP



1 Sponsorship of Courses

- 1.1 The Singapore Armed Forces (SAF) is offering the above 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 relevant engineering courses are available for sponsorship.	All Aeronautical, Aerospace, Electronics, Electrical, Mechanical Mechatronics, Computer, Info-Tech and Digital related engineering courses.

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:

- be Singapore Citizens (PR must be citizen upon contract signing);
- be physically and medically fit;
- 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	<p><u>4.1 Army Warrant Officer or Specialist</u></p> <p>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.</p>
SAF POLYTECHNIC SPONSORSHIP (MDES)	
ARMY	<p><u>4.2 Military Domain Expert</u></p> <p>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.</p>
NAVY	<p><u>4.3 Naval Warfare System Expert (Electronics)</u></p> <p>As a Naval Warfare System Expert (Electronics), you play a vital role in ensuring our ships are always combat-ready. You'll maintain key systems that give our warships superiority at sea. Apply and grow your technical expertise in one of these areas: Navigation System, Communication System, Underwater Warfare System, Command & Control System or Weapon System.</p>
	<p><u>4.4 Naval Warfare System Expert (Electrical & Control Systems)</u></p> <p>A ship's electrical system is its lifeline, supplying power to critical systems, including communication systems, radar, sonar, navigation systems and weapon systems. As an expert in Electrical & Control Systems, you are in charge of maintaining this vital lifeline, ensuring that your ship is always combat ready.</p>
	<p><u>4.5 Naval Warfare System Expert (Marine Systems)</u></p> <p>As an expert in Marine Systems, you are responsible for the wide range of systems that are critical to the ship's survivability, such as the propulsion systems, electro-hydraulic equipment, fresh water generators, and ventilation systems. Your technical expertise ensures that these advanced systems that keep the ship sailing are in perfect order.</p>
AIR FORCE	<p><u>4.6 Air Force Engineer (Maintenance)</u></p> <p>As an Air Force Engineer (Maintenance), you will work on the latest aviation and weapons technology, as well as be responsible for maintaining aircraft and weapon systems. Your specialisation in engineering fields such as Aeronautics, Aircraft Propulsion and Avionics will be of vital significance when executing any mission. Hone your drive for meticulousness, and help safeguard our Nation's peace.</p> <p><u>4.7 Air Operations & Systems Expert</u></p> <p>As an Air Operations & Systems Expert, you are the enabler that makes all this possible. With knowledge of air operations and deep expertise in specific C4 (Command, Control, Communications & Cyber) domains, you will support RSAF missions by operating and sustaining state-of-the-art command & control systems, sensors, networks, and contribute to the cyber defence of these systems. With your keenness for both operational and technical roles, you will be critical to our mission success.</p>

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 allow 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.

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;
 - 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;
 - 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' Levels/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.

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/hometeamdip
 - 8.1.2 Home Team ITE Sponsorship www.mha.gov.sg/hometeamite
- 8.2 The application window for Home Team Diploma Sponsorship and Home Team ITE Sponsorship is from 1 October 2019 to 15 November 2019.
- 8.3 Interested applicants who have queries or require further clarifications may visit our website at www.mha.gov.sg/careers or email us at mha_careers@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.



www.moe.gov.sg/admissions/joint-admissions-exercise

Customer Service Centre Tel. No.: 6872 2220

Address: 1 North Buona Vista Drive S(138675)