

ANDERSON SERANGOON JUNIOR COLLEGE

ORIENTATION 2020 JC1 Student's Guide

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Welcome from the President, 2nd Students' Council



Hey Jls, welcome to ASR!

Your journey begins here at our very first stop, Our ASR: Orientation. You may come in feeling nervous, neutral or excited. Regardless, we would love to reassure you that the next few days will be fine! Come in with an open mind and partake actively in the activities we've planned. Along the way, you'll befriend your schoolmates and forge new friendships with the people who will journey by your side for 2 years in no time.

Through Orientation, realise that you're not only part of your classes, but something bigger - your houses! There is so much of your houses that your CAs would love to show you, and let you take ownership of. Lastly, you'll get to experience the feeling of being part of our big and warm ASR family.

Looking forward, JC will be difficult but be courageous to step out of your comfort zones and make the best out of your learning. As the 3rd batch of ASR, you have the chance to achieve so much more for yourselves and the college collectively. We'll be so excited to see that!! Let's move forward with faith and enthusiasm in 2020.

See you around school!

Isabella

President of the 2nd Students' Council

1. Code of Conduct

A. Official College Attire

When in College premises, and when representing the College outside of the premises, ASRJC students are to be attired in official College attire. Modifications to the official College attire are not allowed. The following table sums up the official college attire for activities within College.

Official Attire	Days / Times	Attire Tops	Attire Bottoms
Full Uniform	Mon and Tue	ASRJC Shirt / Blouse Collar Pin	ASRJC Pants / Skirt
Half Uniform	Wed, Thu, and Fri	ASRJC Polo T-shirt ASRJC PE T-shirt ASRJC House T-shirt ASRJC CCA Top ¹	ASRJC Pants / Skirt
PE Attire	PE Lessons ²	ASRJC PE T-shirt ³	ASRJC PE Shorts
CCA Attire	CCA Times	ASRJC PE T-shirt ASRJC House T-shirt ASRJC CCA Top	ASRJC CCA Bottom or other official attire bottoms
School hours with no programmes	After timetabled lessons on school days; Whole day on non-school days	All official attire tops	All official attire bottoms (including ASRJC PE shorts)

¹ Only CCA Tops that are approved for non-CCA activities.

² All students to change out of PE attire within 1 hour after PE lesson.

³ Students for whom PE is the first lesson on Wed-Fri may wear their PE T-shirt and PE shorts during Assembly / CM Time.

B. Hair & Grooming

Jewellery:

- Students are <u>not</u> allowed to wear or display any form of jewellery, ornamental or religious items.
- Only female students are allowed to wear one pair of simple ear studs or ear sticks. Nose studs are not allowed.
- Male students are <u>not</u> allowed to wear ear studs, earrings or ear sticks.

Hair:

- Only natural hair colour is allowed.
- Hair must be neat.
- Male students should be clean-shaven at all times and no facial hair is allowed. Hair should not cover the eyes when combed downwards. Hair at the sides must not touch the ear as well as collar of the uniform.
- For female students, hair that is touching the shoulder should be tied up.

Footwear:

• For safety reasons, especially for PE, students must wear shoes with laces and socks.

C. Personal and Social Responsibility

With the threat of a viral outbreak, it is more important to uphold a good standard of cleanliness and to exercise social responsibility at all times:

- (a) Observe good personal hygiene
 - Practice frequent handwashing with soap (eg. before handling food or eating, after going to the bathroom or when hands are dirtied by respiratory secretions after coughing or sneezing)
 - Cover your mouth with a tissue when coughing or sneezing and dispose the used tissue paper in the rubbish bin immediately
- (b) Exercising social responsibility
 - Seek medical attention promptly if you are feeling unwell
 - Rest at home until you are certified medically fit to return to school

2. Sale of College Uniform

JC1 students will be able to purchase the ASRJC uniform at these dates and times.

Item	Date	Time	Target Customers
Uniform	6 Feb (Thu)	10.30 am – 5.00 pm	Orientation Groups will take turns to purchase
	7 Feb (Fri)	1.00 pm – 6.00 pm	Orientation Groups will take turns to purchase
	8 Feb (Sat)	9.00 am – 1.00 pm	Open to all students

The following items will be available for purchase at the stated timings, and at the following prices:

No.	Item	Price for Purchase
1.	ASRJC Uniform Shirt (for boys, white)	\$11.00
2.	ASRJC Uniform Pants (for boys, teal-coloured)	\$14.00
3.	ASRJC Uniform Blouse (for girls, white)	\$11.00
4.	ASRJC Uniform Skirt (for girls, teal-coloured)	\$11.00
5.	ASRJC Polo T-shirt (unisex, white)	\$10.00
6.	ASRJC PE T-shirt (unisex, orange- and teal-coloured)	\$8.00
7.	ASRJC PE Shorts (unisex, black)	\$8.00
8.	ASRJC Collar Pin for Uniform Shirt / Blouse	\$1.40
9.	ASRJC House T-Shirt (unisex, various colours)	\$6.90

3. Transport Information

A. Extension of concession cards

Students who are admitted to the JCs/CI through JAE or DSA are required to extend their travel concession validity.

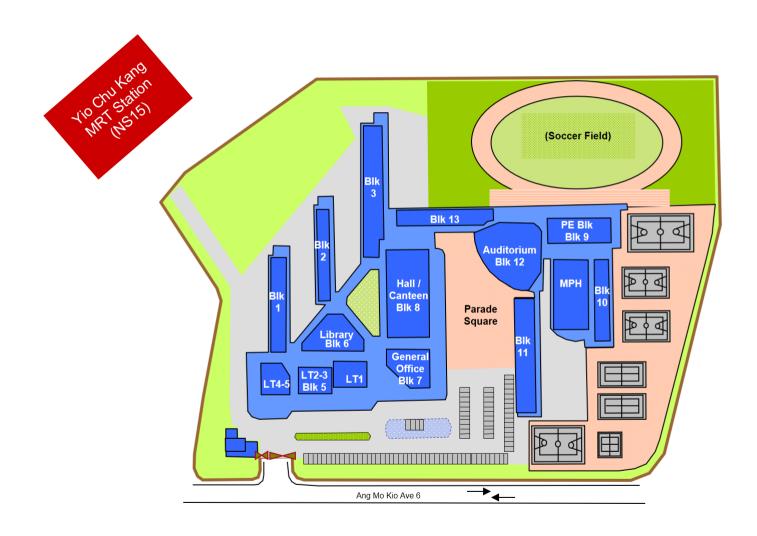
They can present their School Smart Cards (SSCs) at Transit Link (TL) Ticket Office, Concession Card Replacement Office (CCRO), Passenger Service Centre (PSC), General Ticketing Machine (GTM) or the Add Value Machine (AVM) at any MRT Station or bus interchanges.

Students need to check the expiry date of the SSC card. If it was expired they will need approach the GO staff to complete the extension form Appendix E, the GO staff will help fax the completed Appendix E to Transit Link to extend their SSC card. After 5 working days from Transit Link 's receipt of fax, students can proceed to present his/her card at TL Ticket Office (TO), Passenger Service Centre (PSC) to extend the travel concession validity.

B. Getting to ASRJC by private transport

All vehicles can only enter the College via the Ang Mo Kio Ave 8 Gate (side gate) and exit the College via the Ang Mo Kio Ave 6 gate (main gate). There will be a designated drop-off point at the end of the covered walkway. This is to ensure student safety and smooth traffic during the morning rush hour. The gates will be closed at the reporting time on each day.

4. College Map



Block	Level 1	Level 2	Level 3	Level 4
1	111-112 113-115 (Art Rooms)	121-125	131-135	NA
2	211 (ICT Room), 212-213 (Computer Rooms), 214-215	221-225	231-235	NA
3	311(Students' Council Room), 312-313 (PLAYPΣN), Bio Lab 1-2	Phy Lab 1-3, Chem Lab 5	Chem Lab 1-4	NA
5	LT1, LT5, Dance Studio, Uncle Henry's Bookshop	LT2, LT4	LT3	NA
6	Library Level 1	Library, Staffroom 2, Guitar Room	Library, Classroom L3	NA
7	General Office (incl P/VP Office, Sick Bay) HOD Office	Staffroom 1		NA
8	Canteen	Hall	NA	NA
9	Gym, Squash Courts	PE Department	NA	NA
10	1011-1012 (Reading Room 1 and 2), 1013 (Band Room), Multi-Purpose Hall	1021 (Visual Arts Studio), 1022 (Music Club Room), 1023-1028	NA	NA
11	1111-1115	1121-1125	1131-1135	1141-1146
12	Auditorium, Dark Room	Auditorium	Auditorium (Balcony)	NA
13	1311 (Humanities Room), 1312 (TLEP Room) 1313, 1314, 1315 (Nexus)	1321-1322, 1323-1325 (Meeting Rooms) 1326 (Guidance Room), 1327 (Store Room), 1328	Chinese Orchestra Room	NA
Others	thers Indoor Sports Hall and Taekwondo Room, Tennis Court			

5. Key Dates in ASRJC 2020

Note: Exact Dates are subject to change

	<u> </u>	T	
T1W5-6	05 Feb – 12 Feb	Orientation and ASR Picnic	
T1W6-7	13 Feb – 20 Feb	Temporary Timetable	
	Thu 20 Feb	JC1 Strengths Workshop	
T1W8	Wed 26 Feb	CCA Registration Deadline	
	Fri 28 Feb	College Dialogue with Parents (CDP)	
T1W9	Wed 04 Mar	JC1 report to CCA	
T1W10	Wed 11 Mar	Service-Learning Conference (Part 1)	
Mar Hol		CCA Training / Camps	
T2W2	Thu 02 Apr	Students' Council Elections	
T2		CCA Competitions and Performances	
T2W4	14 Apr – 16 Apr	STEAM Conference	
T2W5	20 Apr – 24 May	Earth Week, including Clean Up : Our Act	
T2W5-6	20 Apr – 01 May	Mother Tongue Languages Fortnight	
T2W7-8	04 May – 15 May	House Festival	
T2W8	Sat 16 May	College Day	
T2W9	18 May – 22 May	English Week, ending with Literature Night on 22 May	
T2W10	Fri 29 May	IHEART Run	
Jun Hol	01 Jun – 03 Jun	GCE A-Level Mother Tongue Language Oral Examination Practice	
	01 Jun – 05 Jun	Pre-University Seminar	
	04 Jun – 06 Jun	ASR Leadership Camp	
T3W1-2	29 Jun – 10 Jul	Mid-Year Common Test	
T3W2-4	07 Jul – 21 Jul	GCE A-Level Mother Tongue Language Oral Examination	
T3W3	16 Jul – 17 Jul	House and Students' Council Presidential Elections	
T3W5	Wed 29 Jul	Student Leaders' Investiture	
	Thu 30 Jul	ASR Gives	
T3W6	Fri 07 Aug	ASR Family Fiesta	
T3W10	Thu 03 Sep	Teachers' Day Celebrations	
T4W1	Mon 14 Sep	College Ambassador application deadline	
T4W2-3	24 Sep – 02 Oct	JC1 Promotional Examination	
T4W6	Thu 22 Oct	Project Work Written Report (WR) Submission	
T4W7	Mon 26 Oct	GCE A-Level Mother Tongue Language Written Examination	
T4W8-9	02 Nov – 11 Nov	Project Work Oral Presentation (OP) Examination	
T4W9		IndustryXposure Learning Journeys	
T4W10		IndustryXperience Work Attachments commence	
T4W11	Thu 26 Nov	JC1 Cohort Bonding & Commendation	

6. Safety & Emergency Contacts

- Listen for important instructions and refer to the programme regularly.
- Stay with your Orientation Group/Class: Do not wander off alone without informing anyone.
- Wear the appropriate attire: pay attention to the briefings
- When out of College, observe road safety and traffic rules.
- Drink water regularly, before and during physical activities, every 20-25 minutes. If you need to top up your water, ask your CA or teacher for permission to do so.
- If you are not feeling well, stop your activity immediately and inform a CA or a teacher.
- If you have a pre-existing medical condition, inform your teacher, and bring the necessary documentation and medication to College. I.e. If you have an asthmatic condition, have your prescribed reliever medicine with you at all times.
- If the weather turns bad, stop your activity immediately and take shelter.

Emergency Contact Numbers & Addresses

Nearest Hospital to ASRJC: Khoo Teck Puat Hospital

90 Yishun Central Singapore 768828

Contact Number: 6555 8000

Nearest Polyclinic to ASRJC: Ang Mo Kio Polyclinic

21 Ang Mo Kio Central 2

Singapore 569666

Contact Number: 6355 3000

ASRJC General Office: Contact Number: 6459 6822

7. Orientation Programme

Day 1 – Wednesday 05 Feb 2020

Attire: Secondary School Uniform

Time	Activity	Venue
8.30am	JC1s report to OG Venues Attendance-taking and Distribution of ODTs	OG Venues
9.00am	Icebreakers	Hall
10.45am	Subject Combinations and Pre-Requisites Considerations in Choosing Subjects Subject Registration on ASR Portal	Live Streamed
12.30pm	Subject Talk: Mother Tongue Languages for students who are interested in offering H2 MTL	CLL – Auditorium MLL – 1121 TLL – 1122
1.00pm	Subject Talks: Further Mathematics (LT2) H2 Maths for those who do not meet subject pre-requisite (LT3)	LT2 (Blk 6 Level 2) LT3 (Blk 6 Level 3)

Day 2 - Thursday 06 Feb 2020

Attire: Secondary School PE Attire

Time	Activity	Venues
8.30am	JC1s report to OG Venues Attendance-taking and Temperature-taking	OG Venues
8.45am	Introduction to Code of Conduct	OG Venues
9.30am	College Dance / OG Games / College Cheers and Anthem	OG Venues
1.00pm	Qualifying Tests for: H2 Further Mathematics H2 Art H2 Mathematics & H1 Physics H1/H2 Biology	Venues to be confirmed – listen for announcements

Day 3 – Friday 07 Feb 2020

Attire: Secondary School PE Attire

Time	Activity	Venue
8.00am	JC1s report to OG Venues Attendance-taking and Temperature-taking	OG Venues
8.30am	Introduction to Day 3	Hall
9.00am	OG Games / College Dance / College Anthem and Cheer	Various
12.15pm	OG Finale and Dismissal	Hall

Orientation Group (OG Venues)

OG	Venues	
1	$PLAYP\SigmaN$	
2	1121	
3	1122	
4	1123	
5	1124	
6	1125	
7	1131	
8	1132	
9	1133	
10	1134	
11	1135	
12	1141	
13	1142	
14	1143	
15	1144	
16	1145	
17	1146	
18	1023	
19	1024	
20	1025	
21	1026	
22	1027	
23	Reading Room 1	
24	Reading Room 2	
25	Nexus	
26	Auditorium	
27	Auditorium	
28	Auditorium	
29	Auditorium	
30	Auditorium	

8. Education & Career Guidance/Information:

For all Indicative Grade Profiles, a Grade 'C' for General Paper (GP) and Project Work (PW) is assumed, though some courses may require a grade higher than "C" grade for GP.

Grade profiles vary from year-to-year and meeting the grade profiles of previous years does not guarantee admission into the current year.

National University of Singapore (NUS)

http://www.nus.edu.sg/oam/undergraduate-programmes/indicative-grade-profile-(igp)

Double degrees are excluded from the table

NUIC CO	Representative Grade Profile 3H2/1H1		
NUS Courses	10th percentile	90th percentile	
Faculty of Law		•	
Law*	AAA/A	AAA/A	
School of Medicine			
Medicine*	AAA/A	AAA/A	
Nursing*	CCD/B	AAA/A	
Faculty of Dentistry			
Dentistry*	AAA/A	AAA/A	
School of Design & Environment			
Architecture*	ABB/C	AAA/A	
Industrial Design*	ABB/C	AAA/A	
Project & Facilities Management	BCC/B	BBB/B	
Real Estate	BCC/B	BBB/B	
Faculty of Engineering			
Biomedical Engineering	BBC/B	AAA/A	
Chemical Engineering	BBC/B	AAA/A	
Civil Engineering	CCD/B	AAB/B	
Electrical Engineering	CCC/C	AAA/A	
Engineering	BCC/C	AAA/A	
Engineering Science	BCC/C	AAA/A	
Environmental Engineering	BCC/B	AAA/A	
Industrial & Systems Engineering	BCC/B	AAA/A	
Materials Science & Engineering	CCC/C	AAA/C	
Mechanical Engineering	BCC/B	AAA/A	
Mechanical Engineering (Aeronautical)	AAB/B	AAA/A	
School of Computing			
Computing (Business Analytics)	AAA/A	AAA/A	
Computing (Computer Science)	AAA/A	AAA/A	
Computing (Information Security)	AAA/A	AAA/A	
Computing (Information Systems)	AAA/A	AAA/A	

^{*}Course information last updated on 1st February.

Faculty of Engineering & School of Computing		
Computer Engineering	AAB/C	AAA/A
Faculty of Science		
Data Science and Analytics	AAB/C	AAA/A
Pharmaceutical Science	AAA/A	AAA/A
Pharmacy	AAA/A	AAA/A
Science	AAA/C	AAA/A
Science (Food Science & Technology)	AAA/A	AAA/A
NUS Business School		
Business Admin	AAB/C	AAA/A
Business Admin (Accountancy)	AAB/C	AAA/A
Faculty of Arts & Social Sciences		
Arts & Social Sciences (Philosophy, Politics & Economics)*	AAA/A	AAA/A
Arts & Social Sciences	BBB/C	AAA/A
Arts & Social Sciences (MT related)	BBC/C	BBB/B
Environmental Studies (Faculty of Arts & Social Sc	iences and Faculty of	Science)
Environmental Studies	AAA/C	AAA/A

^{*} Courses that require interview &/or test.

Nanyang Technical University (NTU)

https://admissions.ntu.edu.sg/UndergraduateAdmissions/Pages/IndicativeGradeProfile.aspx

Certain programmes may have specific subject requirements. The programmes marked with asterisk (*) are those whose additional assessments such as interviews, tests, and/or portfolios are required. Please refer to

https://www3.ntu.edu.sg/oad2/website files/ALevel/Min Subject Requirements.pdf

Double Major Programmes offered by the College of Humanities, Arts & Social Sciences include Economics and Media Analytics, Economics of Psychology, Economics and Public Policy & Global Affairs, English Literature and Art History, Psychology and Media Analytics, and, Psychology and Linguistics & Multilingual Studies

Double Major Programmes offered by the College of Science include Biological Sciences and Psychology, Biomedical Sciences and BioBusiness, Environmental Earth Systems Science and Public Policy and Global Affairs, Mathematical and Computer Sciences, and, Mathematical Sciences and Economics.

NTU Programmes	Representative Grade Profile 3H2/1H1	
Wio Frogrammes	10 th Percentile	90 th Percentile
Lee Kong Chian School of Medicine		
Medicine*	AAA/A	AAA/A
College of Engineering		
Renaissance Engineering*	AAA/A	AAA/A
Aerospace Engineering	AAA/C	AAA/A
Bioengineering	BCC/B	AAA/A
Chemical & Biomolecular Engineering	AAC/C	AAA/A
Civil Engineering	CCC/D	AAA/A
Computer Engineering	BBC/B	AAA/A
Computer Science	AAC/C	AAA/A
Data Science & Artificial Intelligence	AAB/B	AAA/A
Electrical & Electronic Engineering	BCC/D	AAA/A
Engineering	CCC/C	AAB/C
Environmental Engineering	BCC/D	AAA/A
Information Engineering & Media	BBC/B	AAA/A
Maritime Studies	BCC/C	AAA/C
Materials Engineering	BCC/D	AAA/A
Mechanical Engineering	BCC/D	AAA/A
College of Science		
Double Major Programmes*	AAA/C	AAA/A
Biological Sciences*	AAB/B	AAA/A
Chemistry & Biological Chemistry	BBC/B	AAA/A
Environmental Earth Systems Science*	AAA/B	AAA/A
Mathematical Sciences	BCC/B	AAA/A
Physics / Applied Physics	BCC/C	AAA/A
Nanyang Business School (College of Busi	ness)	
Accountancy*	ABC/B	AAA/A
Business*	ABC/C	AAA/A
College of Humanities, Arts & Social Scien	ices	
Double Major Programmes*	AAA/A	AAA/A

Art, Design & Media*	CCD/C	AAA/A		
Chinese	BBC/C	AAA/B		
Communication Studies*	AAA/B	AAA/A		
Economics	BBC/B	AAA/A		
English*	BBC/C	AAA/A		
History*	BBC/B	AAA/A		
Linguistics & Multilingual Studies*	BCC/B	AAA/A		
Philosophy*	BCC/C	AAA/A		
Psychology	ABC/C	AAA/A		
Public Policy & Global Affairs	ABC/C	AAA/A		
Sociology	BBC/C	AAA/A		
Sport Science & Management				
Sport Science & Management	BCC/B	AAA/A		
National Institute of Education				
Arts (Education)*	ABC/B	AAA/A		
Science (Education)*	AAB/B	AAA/A		

Singapore Institute of Technology (SIT)

https://www.singaporetech.edu.sg/a-levels

Programme-Specific Requirements: https://www.singaporetech.edu.sg/programme-specific-requirements

University	Degree Programme	Subject Requirement(s)	
DigiPen Institute of Technology	Digital Art & AnimationUser Experience and Game Design	Refer to Programme-Specific Requirements	
Singapore Institute of Technology	 Accountancy Aircraft Systems Engineering Diagnostic Radiography Dietetics and Nutrition Digital Communications and Integrated Media* Hospitality Business Information and Communications Technology (Information Security) Information and Communications Technology (Software Engineering) Occupational Therapy Pharmaceutical Engineering Physiotherapy Radiation Therapy Speech and Language Therapy Sustainable Infrastructure Engineering (Building Services) Sustainable Infrastructure Engineering (Land) Telematics (Intelligent Transportation Systems Engineering) 	 Applicants must fulfil admission requirements For Health Sciences applicants, please refer to the Mandatory Medical Clearance for additional requirements * For DCIM applicants, programmespecific requirements and Minimum Grade of B4 for English GCE O level 	
Singapore Institute of Technology and DigiPen Institute of Technology	 Computer Science in Real-Time Interactive Simulation* Computer Science and Game Design* Systems Engineering (ElectroMechanical Systems) 	 Applicants must fulfil admission requirements Refer to Programme-Specific Requirements Additional requirements: A pass in one of the following H2 subjects (Mathematics or Physics or Computing); or a pass in H1 Mathematics 	
Singapore Institute of Technology and University of Glasgow	 Aerospace Engineering Civil Engineering Mechanical Engineering 	Applicants must fulfil admission requirements	

University	Degree Programme	Subject Requirement(s)
Singapore Institute of Technology and Massey University	Food Technology	Applicants must fulfil admission requirements
Singapore Institute of Technology and Newcastle University	 Chemical Engineering Electrical Power Engineering Mechanical Design And Manufacturing Engineering Marine Engineering Naval Architecture Offshore Engineering 	Applicants must fulfil admission requirements
Singapore Institute of Technology and Technical University of Munich	 Chemical Engineering Electronics and Data Engineering 	 Applicants must fulfil admission requirements Additional requirements: H2 Mathematics, and a H2 Science subject (Biology, Chemistry or Physics)
The Culinary Institute of America	 Food Business Management (Culinary Arts) Food Business Management (Baking and Pastry Arts) 	Refer to Programme-Specific Requirements

Admission Requirements:

Applicants submitting the Singapore-Cambridge GCE A Levels must have obtained passes in at least two subjects at A/H2 Level and offered either General Paper (GP) or Knowledge & Inquiry (KI) in the same sitting.

In addition, applicants must meet one of the following Mother Tongue Language (MTL) requirements:

- A minimum 'S' grade for the H1 or H2 MTL paper or General Studies in Chinese taken at the GCE
 A Level examination
- Pass in the MTL 'B' Syllabus paper at the A Level examination
- A minimum D7 for the higher MTL paper taken at the O level examination

For those who are exempted from MTL, the MOE-approved subject-in-lieu will be considered as their MTL subject. Those who have not fulfilled the MTL requirement may still apply for admission with no prejudice to their application. However, if accepted, they will be required to (i) attain any of the minimum requirements as a private candidate, or (ii) attend equivalent courses conducted by language schools, which are approved by SIT, before being allowed to graduate.

Singapore University of Social Sciences (SUSS)

http://www.suss.edu.sg/full-time-undergraduate/admissions/eligibility

To be eligible for all courses, admission requires passes in at least 3 H2 content-based subjects and General Paper (GP) in the same sitting, a pass in Project Work (PW), and a pass in an H1 contrasting subject. You need to meet one of the following MTL requirements if you have the following education background:

- Minimum of D7 for the higher MTL paper taken at the GCE 'O' Level examination.
- Minimum of 'S' grade for the H1 MTL paper or General Studies in Chinese.
- Minimum of 'S' grade for the H2 paper taken at the GCE 'A' Level examination.
- Pass in the MTL 'B' Syllabus paper at the GCE 'A' Level examination

Singapore Management University (SMU)

https://admissions.smu.edu.sg/admissions/singapore-cambridge-gce-a-level

MU Degree	Indicative Grade Profile 3H2/1H1 content-based subjects	
	10 th Percentile	90 th Percentile
Bachelor of Accountancy	ABB/C	AAA/A
Bachelor of Business Management	ABB/C	AAA/A
Bachelor of Laws	AAA/A	AAA/A
Bachelor of Science (Economics)	BBC/A	AAA/A
Bachelor of Science (Information Systems)	BBC/B	AAA/A
Bachelor of Science (Computer Science)	AAB/B	AAA/A
Bachelor of Social Science	BBC/B	AAA/A

For all SMU courses:

- Good passes in at least 3 GCE A-Level subjects and General Paper
- Interview for shortlisted applicants. Shortlisted Law/Computing & Law applicants must also take a writing test

Law Interviews/Writing Tests — Interviews/Writing Tests for shortlisted Law/Computing & Law applicants are conducted in end-March to April. Click here for important information on this.

Business Management Interviews — Shortlisted applicants, including those who are not residing in Singapore, are required to attend face-to-face interviews at SMU campus. As such, under normal circumstances, the Lee Kong Chian School of Business (LKCSB) does not conduct telephone/Skype interviews.

Law/Computing & Law applicants must meet at least one of the following requirements:

GP / KI grade of A or B (H1 / H2 level syllabus)

A good number of courses in the **Economics programme** are of a highly quantitative nature. As such, applicants are expected to fulfil the following Maths requirements:

Economics programme: a good pass in Maths at H2 Level / H1 Level /A-Level (old syllabus) / Additional Maths at GCE O-Level

Applicants who do not have this requirement can still apply for consideration if they have alternative Mathematics content background. The School of Economics makes the final decision on admission.

Unless exempted from **Mother Tongue Language (MTL) requirement**, you must meet one of the following MTL requirements:

- 'S' grade or better in MTL or General Studies in Chinese at H1 Level or Mother Tongue Language and Literature at H2 Level
- D7 grade or better in Higher MTL at O-Level
- Pass in MTL Syllabus B at A-Level

Successful applicants who have not met the MTL requirement will be offered Conditional Admission and are required to satisfy this requirement before graduating from SMU

Singapore University of Technology and Design (SUTD)

https://www.sutd.edu.sg/Admissions/Undergraduate/Application/Admissions-Requirements/Singapore-Cambridge-GCE-A-Level

- The University accepts applications from both Science and Arts stream students.
- You should possess good passes in at least three H2 content-based subjects, one H1 content-based subject, Project Work and General Paper (GP) or Knowledge & Inquiry (KI).
- Other acceptable subject combinations include: four H2 content-based subjects, Project Work and GP; or three H2 content-based subjects, Project Work and KI.
- While it is recommended that you have taken Mathematics and a Science subject, i.e. Physics
 or Chemistry, at H2, we do consider your results in Mathematics and the Science subjects
 taken at H1, O-level or equivalent as well. You may also be encouraged to take bridging
 modules before start of term.

Mother Tongue Language (MTL)

All Singapore Citizens and Permanent Residents are required to fulfil the MTL requirement for admission into full-time publicly-funded undergraduate programmes in the universities.

The MTL requirement may be fulfilled through the following:

- a. a D7 grade for Higher MTL at Singapore-Cambridge GCE O-Level (the iGCSE MTL First Language examination does not fulfil the requirement); or
- b. a pass in MTL 'B' or a S grade for H1 MTL/ MTL-in-lieu or H2 MTL Language and Literature or H1 General Studies in Chinese at Singapore-Cambridge GCE A-Level; or

Those who have not fulfilled the MTL requirement may still apply for admission with no prejudice to their application. However, if accepted, they will be required to fulfil the MTL requirement during their course of study.

Applicants who have been away from Singapore's school system for some years and have not kept up with the study of their MTL or a language that can be offered as MTL-in-lieu may apply for MTL exemption. The MTL exemption application will be facilitated by the universities as part of the university application, and the results made known to applicants who receive admission offers from the university. Please note that MOE does not accept direct applications for MTL exemption. The application for MTL exemption will also not prejudice the evaluation of the application for a place in the university.

9. Subject Combinations offered in ASRJC

	H2	H2	H2	Н1
1	Economics	History	Literature	Mathematics
2	Economics	History	Literature	Physics
3	Economics	History	Literature	Biology
4	Economics	History	Literature	Chemistry
5	Art	History	Literature	Mathematics
6	Art	History	Literature	Physics
7	Art	History	Literature	Biology
8	Art	History	Literature	Chemistry
9	Economics	Art	Literature	Mathematics
10	Economics	Art	Literature	Physics
11	Economics	Art	Literature	Biology
12	Economics	Art	Literature	Chemistry
13	Economics	History	Art	Mathematics
14	Economics	History	Art	Physics
15	Economics	History	Art	Biology
16	Economics	History	Art	Chemistry
17	Economics	Geography	Literature	Mathematics
18	Economics	Geography	Literature	Physics
19	Economics	Geography	Literature	Biology
20	Economics	Geography	Literature	Chemistry
21	Art	Geography	Literature	Mathematics
22	Art	Geography	Literature	Physics
23	Art	Geography	Literature	Biology
24	Art	Geography	Literature	Chemistry
25	Economics	Geography	Art	Mathematics
26	Economics	Geography	Art	Physics
27	Economics	Geography	Art	Biology
28	Economics	Geography	Art	Chemistry
29	Economics	History	MTLL	Mathematics

	Н2	H2	H2	Н1
30	Economics	History	MTLL	Physics
31	Economics	History	MTLL	Biology
32	Economics	History	MTLL	Chemistry
33	Economics	Geography	MTLL	Mathematics
34	Economics	Geography	MTLL	Physics
35	Economics	Geography	MTLL	Biology
36	Economics	Geography	MTLL	Chemistry
37	Economics	History	Mathematics	Geography
38	Economics	History	Mathematics	Literature
39	Economics	History	Mathematics	Chemistry
40	Economics	History	Mathematics	Physics
41	Economics	History	Mathematics	Biology
42	Economics	History	Mathematics	GSC
43	Art	History	Mathematics	Geography
44	Art	History	Mathematics	Literature
45	Art	History	Mathematics	Chemistry
46	Art	History	Mathematics	Physics
47	Art	History	Mathematics	Biology
48	Art	History	Mathematics	GSC
49	Art	History	Mathematics	Economics
50	Economics	Art	Mathematics	Literature
51	Economics	Art	Mathematics	Chemistry
52	Economics	Art	Mathematics	Physics
53	Economics	Art	Mathematics	Biology
54	Economics	Art	Mathematics	GSC
55	Economics	Art	Mathematics	Geography
56	Economics	Art	Mathematics	History
57	Economics	Geography	Mathematics	History
58	Economics	Geography	Mathematics	Literature
59	Economics	Geography	Mathematics	Biology
60	Economics	Geography	Mathematics	Chemistry

	H2	H2	H2	н1
61	Economics	Geography	Mathematics	Physics
62	Economics	Geography	Mathematics	GSC
63	Art	Geography	Mathematics	History
64	Art	Geography	Mathematics	Literature
65	Art	Geography	Mathematics	Biology
66	Art	Geography	Mathematics	Chemistry
67	Art	Geography	Mathematics	Physics
68	Art	Geography	Mathematics	GSC
69	Art	Geography	Mathematics	Economics
70	Economics	MTLL	Mathematics	History
71	Economics	MTLL	Mathematics	GSC
72	Economics	MTLL	Mathematics	Literature
73	Economics	MTLL	Mathematics	Geography
74	Economics	MTLL	Mathematics	Biology
75	Economics	MTLL	Mathematics	Chemistry
76	Economics	MTLL	Mathematics	Physics
77	Economics	Literature	Mathematics	History
78	Economics	Literature	Mathematics	Geography
79	Economics	Literature	Mathematics	GSC
80	Economics	Literature	Mathematics	Biology
81	Economics	Literature	Mathematics	Physics
82	Economics	Literature	Mathematics	Chemistry
83	Art	Literature	Mathematics	History
84	Art	Literature	Mathematics	Geography
85	Art	Literature	Mathematics	GSC
86	Art	Literature	Mathematics	Biology
87	Art	Literature	Mathematics	Physics
88	Art	Literature	Mathematics	Chemistry
89	Art	Literature	Mathematics	Economics
90	Mathematics	Chemistry	Physics	History

	H2	H2	H2	Н1
91	Mathematics	Chemistry	Physics	Economics
92	Mathematics	Chemistry	Physics	Geography
93	Mathematics	Chemistry	Physics	Literature
94	Mathematics	Chemistry	Physics	GSC
95	Mathematics	Chemistry	Biology	History
96	Mathematics	Chemistry	Biology	Economics
97	Mathematics	Chemistry	Biology	Geography
98	Mathematics	Chemistry	Biology	Literature
99	Mathematics	Chemistry	Biology	GSC
100	Mathematics	Chemistry	Economics	History
101	Mathematics	Chemistry	Economics	Geography
102	Mathematics	Chemistry	Economics	Literature
103	Mathematics	Chemistry	Economics	GSC
104	Mathematics	Chemistry	Economics	Physics
105	Mathematics	Chemistry	Economics	Biology
106	Mathematics	Chemistry	Art	History
107	Mathematics	Chemistry	Art	Geography
108	Mathematics	Chemistry	Art	Literature
109	Mathematics	Chemistry	Art	GSC
110	Mathematics	Chemistry	Art	Physics
111	Mathematics	Chemistry	Art	Biology
112	Mathematics	Chemistry	Art	Economics
113	Mathematics	Physics	Economics	History
114	Mathematics	Physics	Economics	Geography
115	Mathematics	Physics	Economics	Literature
116	Mathematics	Physics	Economics	GSC
117	Mathematics	Physics	Economics	Chemistry
118	Mathematics	Physics	Economics	Biology
119	Mathematics	Physics	Art	History
120	Mathematics	Physics	Art	Geography

	H2	H2	H2	Н1
121	Mathematics	Physics	Art	Literature
122	Mathematics	Physics	Art	GSC
123	Mathematics	Physics	Art	Chemistry
124	Mathematics	Physics	Art	Biology
125	Mathematics	Physics	Art	Economics
126	Mathematics	Further Maths	Physics	History
127	Mathematics	Further Maths	Physics	Economics
128	Mathematics	Further Maths	Physics	Geography
129	Mathematics	Further Maths	Physics	Literature
130	Mathematics	Further Maths	Physics	GSC
131	Mathematics	Chemistry	MTLL	History
132	Mathematics	Chemistry	MTLL	Economics
133	Mathematics	Chemistry	MTLL	Geography
134	Mathematics	Chemistry	MTLL	Literature
135	Mathematics	Chemistry	MTLL	Physics
136	Mathematics	Chemistry	MTLL	GSC
137	Mathematics	Chemistry	MTLL	Biology
138	Mathematics	Physics	MTLL	History
139	Mathematics	Physics	MTLL	Economics
140	Mathematics	Physics	MTLL	Geography
141	Mathematics	Physics	MTLL	Literature
142	Mathematics	Physics	MTLL	Chemistry
143	Mathematics	Physics	MTLL	GSC
144	Mathematics	Physics	MTLL	Biology
145	Mathematics	Chemistry	Physics	Economics
146	Mathematics	Chemistry	Biology	Economics
147	Mathematics	Further Maths	Physics	Economics

10. Prerequisites for Subjects

Subject / Combination	Level	Subject / Combination requirements (O Level)
Mathematics	H2	Mathematics C6 or better <u>and</u> Additional Mathematics C6 or better
	H1	NIL
Further Mathematics	H2	Additional Mathematics A1 <u>and</u> Mathematics A1 <u>and</u> sit for a qualifying test
Biology	H2	Biology C6 or better <u>or</u> Science (Biology) C6 or better
Biology	H1	Biology C6 or better <u>or</u> Science (Biology) C6 or better
Ch a mai at m	H2	Chemistry C6 or better <u>or</u> Science (Chemistry) C6 or better
Chemistry H1		Chemistry C6 or better <u>or</u> Science (Chemistry) C6 or better
Physics	H2	Physics C6 or better <u>or</u> Science (Physics) C6 or better
Physics H1		Physics C6 or better <u>or</u> Science (Physics) C6 or better <u>and</u> C6 or better for Additional Mathematics
MTLL	H2	Higher Mother Tongue Language B3 or better or Mother Tongue Language A2 or better
Art	H2	Diagnostic test and interview <u>and</u> submit portfolio
General Studies in Chinese	H1	Higher Chinese Language C6 or better <u>or</u> Chinese Language A2 or better
Four H2 Subjects		L1R5 (raw) of 10 or better and English B3 or better and relevant H2 subjects A1 or A2

Students who intend to offer H2 Further Mathematics and H2 Art will have to sit for qualifying tests.

H2 Further Mathematics

• The test will be conducted on 6 February 2020, 1pm (listen out for venue announcement).

H2 Art

• The test will be conducted on 6 February 2020, 1pm at the **Art Room**. Students are advised to bring their own drawing and painting materials for the test. Portfolio submission deadline will be on 7 February (and students can submit whenever they are ready). Interviews will be conducted on 7 February in the morning. Interested students can approach Mr Darwin Goh from Humanities Department for more information.

11. Subject Information

H1 General Paper

	H1 (8807)	
Syllabus	 Paper 1: Essay Some suggested topic areas are: Historical, social, cultural, economic, political and philosophical topics Science including its history, philosophy, general principles, current developments and applications Mathematical and geographical topics Literature and language Arts and crafts Topics of local interest and global concern. Questions will not necessarily be set on every topic area. They will be general in nature and require candidates to draw on their knowledge from across disciplines to show an awareness of significant global/national/local issues. The ability to convey a sustained and well thought-out argument will be important. Examples will be needed to support that argument. 	Paper 2: Comprehension 1. One or two passages of continuous prose will be set. The passage(s) should allow for comparative analysis. 2. There will be a range of questions on the text(s), requiring candidates to demonstrate their ability to comprehend, explain, infer, evaluate and summarise. 3. Candidates will also be required to synthesise information and respond to concepts or ideas conveyed. They will apply their response, based on their understanding and interpretation of the text(s) as a whole, to a task derived from the text(s).
Paper 1: Essay Answer any one out of a total of 12 essay questions. 1 h 30 min 50 marks (30 marks for Content; 20 marks for Language)		Paper 2: Comprehension Questions include: • Short Answer Questions (17 marks) • Summary (8 marks) • Application Question (10 marks)
GCE A-le	50 marks (30 marks for Content; 20 marks for Language)	1 h 30 min 50 marks (35 marks for Content; 15 marks for Language)

Modes of Assessment in JC1: Essay Questions (Paper 1); Short-Answer Questions, Summary and Application Question (Paper 2)

What high-achieving & self-regulated learners should be doing at home:

- Take an active interest in current issues by reading the newspapers, magazines, online sources (e.g. The Straits Times, Channel NewsAsia, The Guardian, BBC), and think about the significance of these issues to our society and the world today.
- Organise content information through research organisers and mind maps to consolidate learning for efficient revision.
- Be proactive in practising reading and writing skills: How to understand broad ideas from your reading as well as read a text closely, and how to think deeply and put your thoughts into writing clearly.

H1 Project Work

What is PW?

- It aims to provide students with the opportunity to explore the interrelationships and interconnectedness of subject-specific knowledge; encourages students to break away from compartmentalized learning, and to develop the ability to integrate information and make meaningful links between different strands of knowledge.
- A group of 4 or 5 students will conduct a project based on the project task given (i.e. question), under the supervision of a supervising tutor.
- PW is calculated as a H1 subject and thus the grading system is the same as other H1 subject (ie. A, B, C, D, E, S & U).

What is the structure of PW? Consists of 2 papers:

Paper	Overview	Description	Weightage (%)
Paper 1	a) Written Report (WR) Knowledge Application	Produce a written report of 2500 to 3000 words on the project	40% of overall mark
	b) Insights and Reflections (I&R) Reflection	Produce a written reflection of 500 words on the ideas generated as a group or individually in the process of completing the project.	10% of overall mark
Paper 2	Oral Presentation (OP) Communication	Give an oral presentation on the project and answer questions posed by the assessors	50% of overall mark

H1 Mother Tongue Language (MTL)/Basic Mother Tongue Language (MTLB)

	H1 MTL H1 CL (8655) H1 ML(8656) H1TL(8657)	MTLB CLB(8611) MLB (8613) TLB(8614)		
Examination Format	To enhance students' oral and written interaction skills and supports students using their mother tongue language as a living language through authentic language tasks and classroom interaction. Lessons are designed to not only prepare students to meet local university entry criteria at their best ability, but also make the learning of their mother tongue relevant to their lives.	To equip students with the basic language skills to converse and understand conversations, speeches and narrations.		
	The respective H1 Mother Tongue Languages are examined at the end of JC1, and are assessed via 2 papers:	Mother Tongue (CL, ML or TL) 'B" Syllabus is assessed at the end of JC1, and is assessed via 3 papers:		
	Paper 1 (70%) which is examined in a 3 hours paper, is the written component of the examination. This component of the paper is made up of two parts, namely Composition (Part 1:1.5hr) and language application (Part	Paper 1(20%), which is examined in a 50 minutes paper, is an electronic assessment, in which students are required to write an email or online blog entry.		
	2, Comprehension and Cloze:1.5hr). Paper 2(30%) - consists of Oral and Listening Comprehension.	Paper2(30%)assessthestudent'slanguageapplicationthroughcomprehension (MCQ: 1hr)		
	(A) Oral (25%) First part: Oral Presentation (10%)	Paper 3(50%) consists of Oral and Listening Comprehension		
	This component requires candidates to do a	(A) Oral (35%) First Part: Oral Presentation (15%) This component requires candidates to do a 2 minutes oral presentation based on a topic (Theme: Culture) Second Part: Conversation (20%) The examiners have a conversation with the candidates based on a given video stimulus. (Theme: Relationship & Change) (B) Listening Comprehension (15%)		
	2 minutes oral presentation based on the content of the video stimulus and a topic provided. Second Part: Conversation (15%) The examiners have a discussion with the candidates based on the candidate's oral presentation. (B) Listening Comprehension (5%) The listening comprehension component requires students to complete 10 multiple choice questions based on 1 conversation, 1 segment and 3 comprehension passages.			
				The listening comprehension component requires students to complete 10 multiple choice questions based on 2 conversations, 1 segment and 3 comprehension passages.

Prerequisite for taking the subject	Students are required to obtain at least a D7 for Higher Mother Tongue subject at 'O' Level Examinations, in order to be exempted from H1 MTL.	Mother Tongue (CL, ML or TL) 'B" Syllabus is only offered to students who took Mother Tongue 'B' Syllabus at GCE 'O' Level or have obtained D7, E8 or F9 for their MTL.	
How many assignments per term?	At least 3 Language Exercises and 2 Essays	At least 3 Language Exercises and 2 electronic exercises	
Are there	No	No	
prescribed texts?	Readings and exercises are prepared by teachers for students	Readings and exercises are prepared by teachers for students	
Number of hours for tutorials	2 X 1.5h + 1 X1h per week (total 4 h per week)	2 X 1.5h +1 X 1h per week (total 4 h per week)	
Minimum requirement for university admission?	Minimum requirement for university admission: obtain a 'S' grade If you have done well in your higher MTL subject (Chinese, Malay or Tamil) or MTL subject (Chinese, Malay or Tamil) at the 'A' Level examination, you are eligible for MTL bonus points on condition that you pass the required modules in your respective MTL subjects; you are allowed to use the MTL bonus points earned to gain admission to the Arts & Social Sciences course for the following MTL-related concentrations: 1. Chinese Language or Chinese Studies 2. Malay Studies 3. South Asian Studies The following MTL bonus points will be awarded: One bonus point for applicants who attained at least an A grade in H1 MTL.	Minimum requirement university admission: obtain a 'PASS'	

H1 General Studies in Chinese (H1 GSC) H2 Mother Tongue Language and Literature (H2 MTLL)

	H1 GSC(8642)	H2 CLL (9563)	H2 MLL(9565)	H2 TLL(9567)
Examination Format	To develop students' critical and analytical thinking skills. The syllabus will cover topics ranging from local political, economic, cultural, education to social issues. H1 GSC is a 2 year programme and students will sit for GCE A Level Exam in 2021.	To nurture the language talent of students who have an aptitude for Mother Tongue Languages so that they can attain a higher level of language proficiency and enhanced appreciation of literature in their mother tongue. Students will study a variety of literature genres which include classical texts, poetry, modern short stories, dramas and novels. In addition, students will be taught the skills to appreciate authentic materials and to write different types of essays.		
	Paper 1 (Part 1) -50%	Paper 1 (Part 1)- 17.5%	Paper 1 (Part 1)- 17.5%	Paper 1 (Part 1)- 17.5%
	Essay (1.5hr) Paper 1(Part 2)-50%	Essay (1hr 15 min)	Essay (1hr 15 min)	Essay (1hr 15 min)
	comprehension (1hr10min)	Paper 1 (Part 2)- 17.5%	Paper 1 (Part 2)- 17.5%	Paper 1 (Part 2)- 17.5%
		Comprehension and Cloze Passage (1hr)	Comprehension and Cloze Passage (1hr)	Comprehension and Cloze Passage(1hr)
		Paper 2 (electronic assessment)-15%	Paper 2 (electronic assessment)-15% Comprehension	Paper 2 (electronic assessment)-15% Comprehension
		Comprehension and commentary writing(1hr)	and commentary writing(1hr)	and commentary writing(1hr)
		Paper 3(Chinese Lit Paper, Open Book Exam)-50%	Paper 3(Chinese Lit Paper, Open Book Exam)-50%	Paper 3(Chinese Lit Paper, Open Book Exam)-50%
		Students are required to complete 4 essays on classical texts, poetry, novels and dramas.(3 hr)	Students are required to complete 4 essays on modern short stories, poetry, novels and dramas.(3 hr)	Students are required to complete 4 essays on modern short stories, poetry, novels and dramas.(3 hr)
Prerequisite for taking the subject	At least C6 for 'O' Level Higher Chinese Language OR At least A2 for 'O' Level Chinese	At least B3 for 'O' Level Higher Mother Tongue OR At least A2 for 'O' Level Mother Tongue.		

How much reading will I have to do?	Newspaper article reading on varying topics. Students are expected to keep abreast of real events and issues in Singapore and the region.	Students are expected to read the H2 prescribed texts and articles provided by teachers on their own. The amount of time spent on will vary from topic to topic.	Literature: Preparation for tutorials would include the reading of the text and doing some research to help students deepen their understanding of the text. Language Malay Language newspaper and magazine article reading to facilitate class discussions on varying topics. By doing so students are able to keep abreast of real events and issues in Singapore and the region/world.	Literature: Preparation for tutorials would include the reading of the text and doing some research to help students deepen their understanding of the text. Language Tamil Language newspaper and magazine article reading to facilitate class discussions on varying topics. By doing so students are able to keep abreast of real events and issues in Singapore and the region/world.
How many assignments per term?	At least 2 essays and 2 comprehension assignments.	On average, 2-3 essays and 2 language exercises per term.	At least 2 assignments for Language paper and 2 assignments for Literature paper	
Are there prescribed texts?	No	Yes For literature: 6 classical texts 10 poems 4 novels 2 dramas	Yes For literature: 1 novel 6 short stories 10 poems 3 dramas	Yes For literature: 1 novel 8 short stories 25 poems 2 dramas
Number of hours tutorials	JC1: 1X1.5h + 1X1h per week (total 2.5h per week) JC2: 3 X 1h per week (total 3 h per week)	JC1: 2 X1.5h + 1 X 1h per week (total 4 h per week) JC2: 3 X1 h + 1 X 1.5h per week (total 4.5h per week)		
How useful is this subject for university admission?	innovation enables studer across dimensions. Learnin they deal with relationshi together; and building ca Therefore, the learning of	ng literature especially in this period of disruptive technology and cents to think critically and creatively as well as being able to think sing literature provide students with opportunities to focus on how nips, understanding of human behaviour, thus facilitating working capacity for students to deal with complex, dynamic community. Of language and literature helps develop student's soft skills as the nig of knowledge is being done in an interactive rather than		
	If you have done well in you (Chinese, Malay or Tamil) a			

on condition that you pass the required modules in your respective MTL subjects; you are allowed to use the MTL bonus points earned to gain admission to the Arts & Social Sciences course for the following MTL-related concentrations:

- 1. Chinese Language or Chinese Studies
- 2. Malay Studies
- 3. South Asian Studies

The following MTL bonus points will be awarded:

- 1. Two bonus points for applicants who attained at least an E grade H2 MTLL;
- 2. One bonus point for applicants who attained at least an A grade in H1 MTL;
- 3. One bonus point for applicants who attained at least a B grade in H1 General Studies in Chinese; and
- 4. Students offering any combinations of MTL-related subjects are allowed to accumulate the MTL bonus points allocated for each subject, including a combination of H1 MTL and H2 MTL.

The cap on bonus points will be three.

Humanities

	Economics		Literatu	re in English	History		Geography	
	H1 (8823)	H2 (9757)	H1 (8832)	H2 (9509)	H1 (8821)	H2 (9752)	H1 (8813)	H2 (9751)
Examination Format	1 paper 3 hours Paper 1: 2 Case Studies	2 papers 2¼ hours each Paper 1: 2 Case Studies Paper 2: 3 out of 6 essays	1 paper 3 hours Paper 1 (H1 & H2): 3 essays Section A: unseen single poem (H1); comparis on of 2 poems (H2) Sections B & C: essay or passage- based Q	2 papers 3 hours each Paper 3 (H2 only): 3 essays Section A: unseen (poem, prose or play extract) Section B: comparison of texts Section C: essay Q on single text	1 paper 3 hours Paper 1: 1 Source-Based Study question & 2 out of 4 essay questions	2 papers 3 hours each Paper 1: 1 Source- Based Study question & 2 out of 4 essay questions Paper 2: 1 Source- Based Study question & 2 out of 4 essay questions	1 paper 3 hours Paper 1: 2 Data Response Questions & 2 out of 4 Structured Essay Questions	2 papers 3 hours each Paper 1: 3 out of 6 Structure d Essay Questions Paper 2: 4 Compulsory Data Response Questions
O-Level background necessary?	No. However, a good command of the English Language is useful.		No. Howev command would be h	of English	No. However command of Language is u	the English	No. However command of Language is u	the English

Will my O-Level background help?	You may be familiar with some key concepts but there are many new topics introduced at A-Level and the level of analysis, application and evaluation is more rigorous.	To some extent, in terms of greater familiarity with literary terminology. But A-Level requires a much higher level of critical writing. Our programmes have built-in processes that step up the skills of those who have O level background, while catering to those without such background.		of greater familiarity with literary terminology. But A-Level requires a much higher level of critical writing. Our programmes have built-in processes that step up the skills of those who have O level background, while catering to those without such background.		To an extremely limited extent. You may find a couple of topics, such as the Cold War, familiar, but the exposure to content, depth of analysis, and skills required are vastly different.	To an extremely limited extent, if you have studied "Variable Weather and Climate" and learnt some geographical skills and techniques like map reading. There are many new topics introduced at A-Level and the level of analysis, application and evaluation is more rigorous.
How much reading will I have to do?	The amount of reading will vary from topic to topic. Other than lecture notes, students are expected to keep abreast of real world events and issues.	(H1) 3 texts / (H2) 5 texts and selected short critical reading on texts. *But it's not reading that you have to do, it's reading that you will love to do!		An average of 30 pages of lecture notes per week and readings of 100 pages per topic	An average of 30 to 40 pages of lecture notes per week, excluding readings. Other than lecture notes, students are expected to keep abreast of real world events and issues.		
How many assignments per week/term?	On average, 1-2 essay or case study outlines per week excluding graded assignments and term tests.	3 essays per paper, per term (for a full term)		On average, 2 outlines per week (approx. 4-6 pages of written work) excluding graded assignments and term tests.	2 to 4 (essay and/or data response) per week.		
Are there prescribed texts?	No.	Yes. See below for current texts done by JC2 The The Great Gatsby Gatsby Playing for Time Who's Afraid of Virginia Woolf The Caretaker Regeneration		No.	No.		

What are lectures/tutorials like?	Lectures are oriented around major themes, and cover concepts and content. Tutorials are based on essay questions and case studies, applying concepts to real-world scenarios. There can be group work, student presentations, etc.	No lectures, only tutorials in JC1. Discussion, presentation, some role play or strange things may happen from time to time.	Lectures are oriented around major themes, and cover concepts and content. Tutorial discussions are based on essay questions, with group work and student presentations.	Lectures are oriented around major themes, and cover concepts and content. Tutorial discussions are based on data response and essay questions, with group work and student presentations.
Should I take this subject at the H1 or H2 level?	H1: 100% for case studies H2: 40% for case studies, 60% for essays Are you prepared to write answers to 3 essay questions (could add up to 6 question parts), approx. 4 sides each, in 2 hours and 15 minutes? For both H1 and H2, you will study 3 themes, but with additional content for H2 indicated in bold below: 1: The Central Economic Problem (Scarcity) 2: Markets (Price Mechanism, Firms and Decisions; Market Failure) 3: National and International economy (Introduction to Macroeconomics; Macroeconomic aims and policies; Globalisation and the International Economy)	H1 level: students do only Paper 1 (2 set texts + unseen poem) H2 level: students do Paper 1 & Paper 3 (a total of 5 set texts + 2 unseen sections) ie. H2 involves comparison of texts & an extra unseen section because of Paper 3. The programmes for both H1 & H2 cater to those without O level background. The essential question: do you feel passionate enough about reading & writing?	You should take History if you 1) Are confident in using and writing in the English Language; 2) Love reading and writing 3) Have a keen interest in country studies and regional/international developments H2: comprises both the Shaping the International Order (1945-2000) and The Making of Independent Southeast Asia (Independence-2000) papers H1: comprises only the Cold War and the Modern World (1945-2000) paper. This paper is different from the one offered for H2 in terms of topics and skills covered.	You should take Geography if you love reading and writing, and have a keen interest in world issues involving humans and the environment. For H1, you will study 3 themes: Theme 1: Climate Change & Flooding Theme 2: Urban Change Theme 3: Geographical Investigation For H2, you will study 4 themes: Theme 1: Tropical Environments Theme 2: Development, Economy and Environment Theme 3: Sustainable Development Theme 4: Geographical Investigation For the examinations, you must answer questions on every single theme.

How useful is this subject for university admission?	There is no pre-requisite for reading Economics in university. However, students who score an A for A-Level Economics may be exempted from the introductory module at certain universities.	You do it because you love it. It's the best thing you can do for yourself.	There is no pre-requisite for reading History and/or Political Science at the university level.	There is no pre-requisite for reading Geography at the university.
Wher e can I find out more?		tions and Assessment Board refer to the syllabus documer	• •	

Mathematics

	Math	ematics	Further Mathematics
	H1 (8865)	H2 (9758)	H2 (9649)
Examination Format	One 3-hour paper marked out of 100 marks	Two 3-hour papers, each carrying 50% of the total mark and each marked out of 100	Two 3-hour papers, each carrying 50% of the total mark and each marked out of 100
	Section A (40 marks) will consist of about 5 questions based on the Pure Mathematics section of the syllabus.	Paper 1 consists of 10 to 12 questions based on the Pure Mathematics section of the syllabus.	Paper 1 consists of 10 to 12 questions based on the Pure Mathematics section of the syllabus.
	Section B (60 marks) will consist of 6 to 8 questions based on the Probability and Statistics section of the syllabus. There will be at least 2	There will be at least 2 questions on the application of Mathematics in real-world context, including those from sciences and engineering. Each question will carry at least 12 marks and may require	There will be at least 2 questions on the application of Mathematics in real-world context, including those from sciences and engineering. Each question will carry at least 12 marks and may require
	questions, with at least 1 in each section, on the application of Mathematics in real-world context, including	concepts and skills from more than 1 topic. Paper 2 comprises 2 sections.	concepts and skills from more than 1 topic. Paper 2 comprises 2 sections.
	those from business and the social sciences. Each question will carry at least 12 marks and may require concepts and skills from more than 1 topic.	Section A (40 marks) consist of 4 to 5 questions based on the Pure Mathematics section of the syllabus. Section B (60 marks) consist of 6 to 8 questions based on the Pure Mathematics section of the syllabus.	Section A (50 marks) consist of 5 to 6 questions based on the Pure Mathematics section of the syllabus. Section B (50 marks) consist of 5 to 6 questions based on the Pure Mathematics section of the syllabus.
		There will be at least 2 questions in Section B, on the application of Mathematics in real-world context, including those from sciences and engineering. Each question will carry at least 12 marks and may require concepts and skills from more than 1 topic.	There will be at least 2 questions in Section B, on the application of Mathematics in real-world context, including those from sciences and engineering. Each question will carry at least 12 marks and may require concepts and skills from more than 1 topic.
Is O-Level background necessary?	Knowledge of O-Level Mathematics is assumed.	Knowledge of O-Level Mathematics and Additional Mathematics is assumed.	Knowledge of O-Level Mathematics and Additional Mathematics, and A Level H2 Mathematics is assumed.

Will my O- Level background help?	While not a critical factor in assessment outcomes, students who have Additional Mathematics (AM) background typically pick up content in the Pure Mathematics section faster than their classmates initially as they have covered Calculus concepts like Differentiation in their AM syllabus previously.	There are 6 content strands in H2 Mathematics, namely, Functions and Graphs, Sequences and Series, Vectors, Introduction to Complex Numbers, Calculus, and Probability and Statistics. While some of the concepts taught in these strands will be familiar, there is greater depth and rigor demanded at this level. There are also new and unseen topics in the syllabus.	H2 Further Mathematics (FM) comprises 3 content strands, namely, Algebra and Calculus, Discrete Mathematics, Matrices and Numerical Methods, and Probability and Statistics. There will be few concepts linked to topics in AM but these strands largely add breadth and depth to the topics taught in H2 Mathematics.				
How many assignments per week/term?	varies according to the scheme Note that the double mathem	In general, there will be 1 tutorial for every topic taught. The number of topics taught per term varies according to the scheme of work. Your teacher will share details on this at your first lesson. Note that the double mathematics course is 2 mathematics subjects taken at the same time so there will be twice the numbers of lectures and tutorials vis-à-vis a single H2 mathematics course.					
What are lectures/tutor ials like?	While Mathematics lectures are largely designed to cover the content and concepts illustrated in the syllabus, they also provide a platform for students to practice knowledge gained through practice questions and timed trials. Tutorials are primarily focussed on helping the students clarify doubts and develop critical problem-solving skills through carefully selected problem questions. There can also be group discussions/work, student presentations, etc.						
Should I take this subject at the H1 or H2 level?	at the tertiary level as well as y	end students without Additional	This subject is only offered together with H2 Mathematics as a double mathematics course. It is also advisable to take H2 Physics together with FM.				
How useful is this subject for university admission?	You should explore the various offered at the universities. A brief guide is as follows: H1 Mathematics provide st mathematics and statistics the social sciences studies (e.g. university H2 Mathematics prepare studies (e.g. NUS Engineering mathematics is required.	While the subject is not a prerequisite for any NUS/NTU course, H2 FM builds good foundation for the study of science, mathematics and engineering.					
Where can I find out more?	(1) Visit the Singapore Examinations and Assessment Board (SEAB) website for the syllabus document for each subject/level. Remember to refer to the syllabus documents filed under the correct year of assessment, 2020. (2) Visit university websites to find out more about their course pre-requisites. The links for NUS and NTU are listed below. (http://www.nus.edu.sg/oam/apply-to-nus/A-levels-subject-prerequisites.html) (http://www3.ntu.edu.sg/oad2/website_files/ALevel/Min_Subject_Requirements.pdf)						

Sciences

	Ph	ysics	Bio	ology	Chem	istry
	H1 (8867)	H1 (8867) H2 (9749) H1 (8876) H2 (9744)		H1 (8873)	H2 (9729)	
Examination Format	Paper 1 Multiple Choice (1h) Paper 2 Structured Questions (2h)	Paper 1 Multiple Choice (1h) Paper 2 Structured Questions (2h) Paper 3 Longer Structured Questions (2h) Paper 4 Practical (2.5h)	Paper 1 Multiple Choice (1h) Paper 2 Structured and Free Response Questions (2h)	Paper 1 Multiple Choice (1h) Paper 2 Structured Questions (2h) Paper 3 Long Structured and Free Response Questions (2h) Paper 4 Practical (2.5h)	Paper 1 Multiple Choice (1h) Paper 2 Structured and Free Response Questions (2h)	Paper 1 Multiple Choice (1h) Paper 2 Structured Questions (2h) Paper 3 Free Response Questions (2h) Paper 4 Practical (2.5h)
Is O-Level background necessary?	Yes. Students	should have obta	nined C6 or bette	r for relevant Sciend	ce subject at the GC	CE 'O' Level
What do my assignments look like?	expected to complete the of questions: - Self-a quest - Tutori - Additi - Challe quest - Evalua	ttempt ions onal questions enging ions ation questions or report for the nere will be	For every topic, students are expected to attempt or complete the Self-attempt and Tutorial questions. Topical timed practices will be administered after each topic. Beside the lab report for the practical, there will be Practical timed practices. Students are encouraged to read their lecture notes before and after each lecture and to consolidate their learning by creating their own summary notes.		expected to attempt or complete the Tutorial questions. Topical timed practices will be administered after each topic. Beside the lab report for the practical, there will be Practical timed practices. Students are encouraged to read their lecture notes before and after each lecture and to consolidate their learning by creating their own summary	

Number of hours for lectures/ tutorials/ practical	Lecture: 1h x 1 Tutorial: 1h x 1.5	Lecture: 1h x 2 Tutorial: 1.5h x 1 Practical:	Lecture / tutorial: 1h x 1 1.5h x 1	Lecture: 1h x 2 Tutorial: 1.5h x 1 Practical:	Lecture / tutorial: 1h x 1 1.5h x 1	Lecture: 1h x 2 Tutorial: 1.5h x 1 Practical:
Should I Nur take this lect subject at pra	This depends the subject.	on the course that	at you wish to pu	1.5h x 1 rsue at the tertiary	level as well as you	1.5h x 1
Shc tak sub H2	You should various pre-re	explore the equisites for the		plore the various for the courses	You should explo	
nn?	courses offered at the universities. A brief guide is as follows:		offered at the universities. A brief guide is as follows: H1 Biology provide students with		offered at the universities. A brief guide is as follows: H1 Chemistry provide students	
iiversity admissic	H1 Physics provide students with a foundation in Physics that will support their studies in courses such as Industrial Design and Architecture.		a foundation in Biology that will support their studies in courses such as Psychology.H2 Biology provide students with		with a foundation that will support courses such as I and Architecture.	their studies in ndustrial Design
How useful is this subject for university admission?	H2 Physics powith a munderstanding prepare them courses in t	rovide students nore in-depth g of Physics to a for a range of the Engineering faculties at the	a more in-depth understanding Biology to prepare them for range of courses in the Science faculty at the universities. It can be used as one of the subject prorequisite for Medicine are Dentistry.		H2 Chemistry provide students with a more in-depth understanding of Chemistry to prepare them for a range of courses in the Engineering and Science faculties at the universities, including Medicine Dentistry, Pharmacy etc.	

Physical Education (PE)

Aims of PE Programme:

The principal aim of ASR PE Programme is to develop in all students, an enthusiasm for physical activities. The PE programme seeks to provide opportunities for students to create, explore, discover and experience physical activities in a positive, enjoyable and stimulating environment through which their interests, skills and knowledge is enhanced.

Programme:

The PE Department aims to provide a balanced programme, covering the 3 domains of physical education: physical, cognitive and affective domain. This will be done through:

Health and Fitness Education	Sports and Games Education	Modern and Folk Dance
Fitness Indicators / Checks NAPFA / IPPT(Boys)	Games Modules Mini competitions	Line and Partner Dance

Attributes of a student in ASR PE lesson

Attributes	Actions	Example
Commitment	 Attend all PE lessons Participate actively in physical activities Be Punctual Self-train for improvement and excellence 	 Understand one's weaknesses and strengths Work on one's weaknesses, improve one's strength
Responsible	 Take charge of own Health and Fitness Any absence is to be supported by relevant documents such as MC, early leave form or official excuse A make-up PE is required if a student is absent without valid reasons Exemption from PE due to long term medical condition must be supported by medical documents All relevant documents must be submitted to the PE department 	 Initiate appointment with PE teacher to clear make- up Take care of equipment and facilities Take care of safety of both self and classmate
Respect for Self and Others	 Understand self and others Learn Teamwork Appreciate diversity Wear ASRJC PE T-shirt and ASRJC PE shorts for all PE lessons Change into college uniform after PE lessons 	 No verbal or physical abuse during games Embrace differences in abilities Advocates of Sportsmanship
Resilience	Push self and motivate others beyond personal limits	Resilience Run (Cross Country training)Fitness Training

Safety and Hygiene Matters

As much as the ASR PE department would like to see the adventurous side of you, we would like to remind you of the following:

- 1. Rock Climbing Wall and Bouldering Wall
 - a. These 2 facilities are out-of-bounds to all students and is to be used only with appropriate teacher supervision

2. Gym

- a. Students must bring along a towel when using the gym and they must minimally work out in pairs. The towel is to be used for wiping perspiration off the equipment
- b. All students must return the equipment to its original form/place to ensure safety and help maintain the equipment and alert PE Teachers or General Office of any faults or safety concerns.

3. First Aid

- a. There are 2 first aid points in the college i.e. General Office and PE office. If you are injured, please go to the nearest first aid point for attention
- 4. Loaning of Sports equipment
 - a. Indoor sports equipment is available for loan at PE department from 1000hrs to 1500hrs, subject to availability
 - b. All equipment is to be returned immediately after use
 - c. All damaged equipment/facilities should be reported immediately
 - d. Observe all safety SOPs. (See also 'Safety and Emergencies')

5. CCA T-shirt

a. CCA attire (T-shirts/Jerseys/Jackets/Pullovers) must be approved by HOD (PE&CCA) or SH (CCA) before they can be produced.

12. Co-Curricular Activities (CCA) Information

- CCA trials will be taking place in College dates are to be confirmed.
- You must sign up for trials for CCA you are interested during that time even if you are intending to attend the trials on another day.
- For students who wish to join the Students' Council:
 - You will have to select Students' Council as your first choice.
 - You will still need to attend trials of other CCAs that you wish to join, in the event that you are not elected into Council. Indicate the CCAs in your subsequent choices.
 - Please inform the other CCAs of your intention to join Council.
- You will only need to attend one trial of each CCA unless otherwise stated.
- For sports CCAs, please attend the trials in your PE attire.
- You may join the CCA for training once the CCA has accepted you.
- Do think through your CCA choices carefully as you can submit your choices only once.
- Look out for briefings about how to register for CCAs when regular programmes resume.

13. Support for students

A. Counselling and Career Guidance Support

Students who need counselling or advice in career guidance can approach the following personnel for an appointment:



Mrs Sophia Ng (School Counsellor):

Mobile: 94866765

Venue: Room 1326 (Guidance Room)

• Hours: Mondays - Fridays 8.30 am - 5.30pm



Ms Loretta Foo (Education & Career Guidance Counsellor):

• Email: Loretta_FOO_XUE_LING@schools.gov.sg

Venue: ECG Room at Library Level 2

• Hours: Thursdays 8.30am- 5pm

To book a consultation slot with the ECG Counsellor, drop an email with your name, class, school and contact number to Ms Foo or fill out a Google Forms at https://tinyurl.com/ECG-ASRJC

B. Contact details of School Leaders and Heads of Departments

Photo	Title	Name	Designation	Staffroom	Phone Extension	Email Address
	Mr	Manogaran Suppiah	Principal	General Office	64596822	manogaran_suppiah@schools.gov.sg
	Mrs	Koh Caiyu	Vice-Principal	General Office	64596822	yong_caiyu@schools.gov.sg
	Mdm	Low Bee Yen	Vice-Principal	General Office	64596822	low_bee_yen@schools.gov.sg
	Mdm	Sharon Lim Chwee Hong	Vice-Principal (Administration)	General Office	64596822	lim_chwee_hong@schools.gov.sg

Photo	Title	Name	Designation	Staffroom	Phone Extension	Email Address
	Mr	Chew Tse Yong	Dean (JC1)	Staffroom 2	157	chew_tse_yong@schools.gov.sg
	Miss	Zhu Youyan Corrine	Dean (JC2)	Staffroom 2	159	zhu_youyan@schools.gov.sg
	Mr	Ong Wei Sheng Wilson	Head of Department (Character and Citizenship Education)	Staffroom 2	158	ong_wei_sheng_wilson@schools.gov.sg
	Mr	Yeo Wee Leng Joshua	Head of Department (Character and Citizenship Education)	Staffroom 2	160	yeo_wee_leng@schools.gov.sg
	Mr	Ng Yung Hui Eugene	Head of Department (Chemistry & Biology)	HOD	225	ng_yung_hui_eugene@schools.gov.sg

Photo	Title	Name	Designation	Staffroom	Phone Extension	Email Address
	Miss	Chiang Huimin	Head of Department (Economics)	HOD	228	chiang_huimin@schools.gov.sg
	Mr	Pan Jingliu	Head of Department (Engagement & Partnerships)	HOD	229	pan_jingliu@schools.gov.sg
	Mr	Adrian Koh Tze Khang	Head of Department (English)	HOD	223	adrian_koh_tze_khang@schools.gov.sg
	Ms	Ong Shu Hui	Head of Department (Humanities)	HOD	226	ong_shu_hui@schools.gov.sg
	Mr	Oh Chee Tiong	Head of Department (ICT)	Staffroom 1	141	oh_chee_tiong@schools.gov.sg

Photo	Title	Name	Designation	Staffroom	Phone Extension	Email Address
	Mdm	Ong Kwee Hoon	Head of Department (Languages)	HOD	221	ong_kwee_hoon@schools.gov.sg
	Mr	Kan Kok Leong	Head of Department (Mathematics)	HOD	220	kan_kok_leong@schools.gov.sg
	Mrs	Ong-Eng Yee Wen	Head of Department (Physics & Science Research)	HOD	227	eng_yee_wen@schools.gov.sg
	Mr	Ho Kuan Peng	Head of Department (Physical Education/CCA)	PE	64537660 Ext 118	ho_kuan_peng@schools.gov.sg
	Mr	Lim Che Pinn Andy	Head of Department (Project Work)	HOD	224	lim_che_pinn_andy@schools.gov.sg

College Identity



ANDERSON SERANGOON JUNIOR COLLEGE









FLOWER BUD ANDERSON SERANGOON

The college crest derives its inspiration from the common 'flame' element in Anderson and Serangoon Junior Colleges' crests and a flower bud that is ready to bloom.



The flame design is formed by the college initials 'ASR'.

The continued use of the flame element represents both colleges' history and heritage. The flame also symbolises truth, light and hope, which captures the college's intent to develop justice-oriented and service-oriented students who are enlightened and in service to others. The flower bud symbolises youth and vitality and signifies the college as a place that nurtures leaders for the nation. With each petal of the flower embodying the college colours, this reinforces the way in which the college seeks to nurture students who are adventurous in thinking and boundless in imagination while remaining grounded and empathetic citizens of the nation.

College Anthem

'Discere Servire - Non Mihi Solum'

With faith and hope, we build our dreams
Our clarion call resounds her name
Seeking knowledge, we spread our wings
Our passion fuels our Mater's flame

ASR, ASR

Inspire the best in us ASR
In life's every test, we will rise up with the rest
To pursue the best for all ASR

We lead in glory of our crest
We serve with pride and dignity
Humble in the ranks of the best
We stay true to humanity

ASR, ASR

Inspire the best in us ASR
In life's every test, we will rise up with the rest
To pursue the best for all ASR

In life's every test, we will rise up with the rest To pursue the best for all ASR

College Cheer

Eh Eh Eh Ahhhh...

Eh Eh Eh Ahhhh...

Eh Eh Eh Ehhhh...

Eh Ah Eh Ah Eh Ah

Bom Ah Bom Ah Bom Ah

Eh Ah Bom Ah Bom Ah Eh Ah

ASR ASR sa sa eh!

ASR ASR oh!

ASR ASR go!

ASR Reach the skies

ASR Stomp the ground

ASR Bring you down

Anderson Serangoon

Make your school go ka-

Boom! sah eh wah eh wah! x3

A! S! R!

MOTTO

Discere Servire - Non Mihi Solum

To Learn, To Serve – Not for Myself Alone

VALUES

I HEART

 $Integrity \cdot Humility \cdot Empathy \cdot Adaptability \cdot Respect \cdot Tenacity$

MISSION

Empower Students to
Find Purpose, Courage and Passion in
Learning, Leading and Serving

VISION

Imaginative Thinkers, Caring Leaders