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WELCOME TO  
欢迎家长莅临

CHUNG CHENG HIGH SCHOOL (YISHUN)  
中正中学(义顺)

2017 Sec 3 Subject Combinations Talk  
for Sec 2 Parents

22<sup>nd</sup> January 2016

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# Agenda

1. Admission criteria - JC and polytechnics
2. Subject combinations for Sec 3 (2017)
3. Tips for parents
4. Q & A

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# Overview: Post-Secondary Education

JAE Course Types	Aggregate Requirements		
Junior Colleges (2 Years)	Eng / Higher MT L1	5 Relevant Subjects R5 *	6 – 20
Millennia Institute (3 Years)	Eng / Higher MT L1	4 Relevant Subjects R4	5 - 20
ITE Courses	English	1 Relevant Subject	3 Best Subjects *
Polytechnic Courses	English	2 Relevant Subjects	2 Best Subjects *

\*  
Excluding  
CCA

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# JC Courses - L1R5 Aggregate Score: 20 & Below

<b>L1</b>	<b>First Language</b>	<b>English / Higher Mother Tongue</b>
<b>R5</b>	<b>Relevant Subject 1</b>	<b>Humanities</b>
	<b>Relevant Subject 2</b>	<b>Mathematics/Science</b>
	<b>Relevant Subject 3</b>	<b>Humanities/Mathematics/Science</b>
	<b>Relevant Subject 4</b>	<b>Any other GCE 'O' Level Subjects *</b>
	<b>Relevant Subject 5</b>	<b>Any other GCE 'O' Level Subjects *</b>

\*  
Excluding  
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# MI Courses - L1R4 Aggregate Score: 20 & Below

<b>L1</b>	<b>First Language</b>	<b>English / Higher Mother Tongue</b>
<b>R4</b>	<b>Relevant Subject 1</b>	<b>Humanities</b>
	<b>Relevant Subject 2</b>	<b>Humanities/Mathematics/Science</b>
	<b>Relevant Subject 3</b>	<b>Any other GCE 'O' Level Subjects *</b>
	<b>Relevant Subject 4</b>	<b>Any other GCE 'O' Level Subjects *</b>

**\* Including CCA**

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## Computation of Bonus Points

S/No	Type of Bonus Points	No. of Bonus Points Available	Maximum Bonus Points Allowable	
1	For students seeking admission to JC/Poly/ITE and with the following CCA grades: a. Grades of A1 – A2 b. Grades of B3 – C6	2 points 1 point	Limited to a maximum of <u>4 Bonus Points</u> only for these 4 sections.	Limited to a maximum of <u>6 Bonus Points</u> 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 Poly/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 Poly/ITE choices.	2 points		
4	For students from feeder schools if they choose their affiliated Junior College course(s) as their: a. 1 <sup>st</sup> choice, <u>or</u> b. 1 <sup>st</sup> and 2 <sup>nd</sup> choices.	2 points		
5	For students who had applied for the CLEP or MLEP and have been selected for the programme.	2 points		

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# JC – JAE 2015

S/No	Junior College	Arts		Science/IB	
		Course Code	Net L1R5	Course Code	Net L1R5
1	Anderson JC	21A	9	21S	8
2	Anglo-Chinese JC	22A	7	22S	6
3	Anglo-Chinese School (Independent)	-	-	51I	5
4	Catholic JC	23A	10	23S	10
5	Hwa Chong Institution	24A	4	24S	3
6	Innova JC	37A	18	37S	20
7	Jurong JC	25A	15	25S	15
8	Meridian JC	36A	9	36S	10
9	Nanyang JC	26A	7	26S	7
10	National JC	27A	6	27S	5
11	Pioneer JC	35A	13	35S	13
12	Raffles Institution	28A	4	28S	3
13	Serangoon JC	29A	11	29S	11
14	St. Andrew's JC	30A	9	30S	9
15	St. Joseph's Institution	-	-	52I	6
16	Tampines JC	31A	13	31S	13
17	Temasek JC	32A	8	32S	8
18	Victoria JC	33A	6	33S	5
19	Yishun JC	34A	16	34S	17

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# Polytechnic Education: Entry Requirements

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- Minimum EL R2 B2 aggregate score not exceeding 26 points
- R2 – 2 subjects relevant to the course type
- Posting to a specific course depends on
  - meeting course entry requirements and
  - availability of vacancies

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		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 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 Economics Elementary Mathematics Food & Nutrition Geography Higher Art Higher Chinese Higher Malay Higher Music Higher Tamil History 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 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'l Combined Science Additional Science Biology Biotechnology Chemistry Combined Science Computer Studies Creative 3D Animation Design & Technology Engineering Science Food & Nutrition Fundamentals of Electronics General Science Human & Social Biology Integrated Science Physics Physical Science Science (Chem, Bio) Science (Phy, Bio) Science (Phy, Chem) Science (Phy, Chem, Bio)	Add'l Combined Science Additional Science Art / Art & Design Biology Biotechnology Chemistry Combined Science Computer Studies Creative 3D Animation Design & Technology Engineering Science Food & Nutrition Fundamentals of Electronics General Science Higher Art Human & Social Biology Integrated Science Media Studies (English) Media Studies (Chinese) Physics Physical Science Science (Chem, Bio) Science (Phy, Bio) Science (Phy, Chem) Science (Phy, Chem, Bio)
B2		Best 2 other subjects excluding CCA			

# Poly Courses JAE 2015

Course	JAE 2015	Aggregate Type	Minimum Entry Requirements
<u>Humanities Psychology Studies</u>	9	ELR2B2-A	a) EL – Grade 1-6 b) Math (A Ma / E Ma) - Grade 1-7 c) Any 3 other subjects – Grade 1 – 6 Note: R1 – Art / Com Hum / Humanities subjects, Music R2 – A / E Math/Art/ Com Hum/ Humanities
<u>Business &amp; Management (Ngee Ann) International Business</u>	6	EL R2B2-B	a) EL – Grade 1-6 b) Math (A Ma / E Ma) - Grade 1-6 c) Any 3 other subjects – Grade 1 – 6 Note: R1 – E Math / A Math R2 – Art/Com Hum/ Humanities subjects, Music,

# Poly Courses JAE 2015

Course	JAE 2015	Aggregate Type	Minimum Entry Requirements
<u>Applied Sciences</u> Biomedical Science (Ngee Ann)	9	ELR2B2-C	a) EL – Grade 1-7 b) <b>R1</b> - Math (A Ma / E Ma) - Grade 1-6 c) <b>R2</b> - Any ONE of the following Grade 1 – 6 Bio / Chem/ Phy / any Com Sci
Media & Design Digital Animation	12	ELR2B2-D	a) EL – Grade 1-7 b) Math (A Ma / E Ma) - Grade 1-7 c) Any 2 other subjects – Grade 1 – 6 Note: R1 –E Math / A Math R2 – Art/ Bio / Chem / Phy/ Com Sciences/ Computer Studies/ D&T

information

**ACADEMIC PROGRAMME**  
**SEC 2 EXPRESS**

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# Promotion Criteria

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Secondary 2 Express to 3 Express

*Pass English Language and  
obtain 50% of **overall** (10 subjects)*

*Student will be **transferred to 3**  
**NA** if he/she does not meet the  
promotion criteria*

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## Modular Subjects Sec 2 (2016)

SEMESTER 1	SEMESTER 2
English Language	English Language
MTL / HMTL	MTL / HMTL
Mathematics	Mathematics
Science ( Chemistry & Biology)	Science (Physics)
History	Geography
Art	Literature
FCE	D&T

Calculation of Overall marks for modular subjects

- 1) For Modular Science, Art and FCE, Literature, D&T (CA 30% + SA 70%)
- 2) For Modular History and Geography (CA 65% + SA 35%)

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**SUBJECT COMBINATIONS  
SECONDARY 3 EXPRESS (2017)**

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Considerations:

## Designing Subject Combinations Sec 3

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- Interests
- Aspirations
- Strengths
- Post-secondary education options

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## 2017 Sec 3 Subject Combinations (Express)

Subject #	E-1	E-21	E-22	E-31	E-32	E-41	E-42
1ST	English Language						
2ND	Mother-Tongue Language / Higher Mother-Tongue Language						
3RD	Mathematics						
4TH	Combined Humanities (Social Studies and choose one of the following electives): <ul style="list-style-type: none"> <li>· Geography Elective (not applicable with Core Geography)</li> <li>· History Elective</li> <li>· Literature in English Elective</li> </ul>						
5TH	Sci (Phy, Chem)	Pure Chem		Pure Phy		Pure Phy	
6TH	Art / CP* / DT	Sci (Phy, Bio)		Sci (Chem, Bio)		Pure Chem	
7TH	A-Math	A-Math / Art / DT	A-Math	A-Math		A-Math	
8TH			Core Geo / Art / CP / DT		Core Geo / Art / CP / DT		Core Geo / Art / CP / DT / Pure Bio

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## Subject Options

Subject	Criteria
A Math	Must pass Mathematics (overall)
Art	Score at least 65% in Art (overall)
Core Geography	Score at least 60% in English Language (overall) AND at least 75% in Geography (overall)
Computing (CP)	Pass in Mathematics (overall) and must take with A-Math

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## Subject Options

Subject	Criteria
Design & Technology (DT)	Score at least 70% in DT (overall)
Higher Chinese	Score at least 75 % in Express Chinese (overall)

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## 2017 Sec 3 Subject Combinations (Express)

Subject #	E-1	E-21	E-22	E-31	E-32	E-41	E-42
1ST	English Language						
2ND	Mother-Tongue Language / Higher Mother-Tongue Language						
3RD	Mathematics						
4TH	Combined Humanities (Social Studies and choose one of the following electives): <ul style="list-style-type: none"> <li>· Geography Elective (not applicable with Core Geography)</li> <li>· History Elective</li> <li>· Literature in English Elective</li> </ul>						
5TH	Sci (Phy, Chem)	Pure Chem		Pure Phy		Pure Phy	
6TH	Art / CP* / DT	Sci (Phy, Bio)		Sci (Chem, Bio)		Pure Chem	
7TH	A-Math	A-Math / Art / DT	A-Math	A-Math		A-Math	
8TH			Core Geo / Art / CP / DT		Core Geo / Art / CP / DT		Core Geo / Art / CP / DT / Pure Bio

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## Streaming Exercise

Course Option	Criteria
E-1	<ul style="list-style-type: none"><li>- Pass Mathematics (overall) to be offered A Math</li><li>- *Pass Mathematics (overall) to be offered CP</li><li>- *Score at least 65% in Art (overall) to be offered Art</li><li>- *Score at least 70% in DT (overall) to be offered DT</li></ul>

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## 2017 Sec 3 Subject Combinations (Express)

Subject #	E-1	E-21	E-22	E-31	E-32	E-41	E-42
1ST	English Language						
2ND	Mother-Tongue Language / Higher Mother-Tongue Language						
3RD	Mathematics						
4TH	Combined Humanities (Social Studies and choose one of the following electives): <ul style="list-style-type: none"> <li>· Geography Elective (not applicable with Core Geography)</li> <li>· History Elective</li> <li>· Literature in English Elective</li> </ul>						
5TH	Sci (Phy, Chem)	Pure Chem		Pure Phy		Pure Phy	
6TH	Art / CP* / DT	Sci (Phy, Bio)		Sci (Chem, Bio)		Pure Chem	
7TH	A-Math	A-Math / Art / DT	A-Math	A-Math		A-Math	
8TH			Core Geo / Art / CP / DT		Core Geo / Art / CP / DT		Core Geo / Art / CP / DT / Pure Bio

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## Streaming Exercise

Course Option	Criteria
E-21 Science	<ul style="list-style-type: none"><li>- Pass Science (Semester 1) to be offered Pure Chemistry</li><li>- *Pass Mathematics (overall) to be offered A Math</li><li>- *Score at least 65% in Art (overall) to be offered Art</li><li>- *Score at least 70% in DT (overall) to be offered DT</li></ul>

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## Streaming Exercise

### Course Option

### Criteria

E-22 Science

- Pass Science (Semester 1) to be offered Pure Chemistry
- Pass Mathematics (overall) to be offered A Math

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## Streaming Exercise

Course Option	Criteria
E-22 Electives Choose 1	<ul style="list-style-type: none"><li>- *Score at least 65% in Art (overall) to be offered Art</li><li>- *Pass Mathematics (overall) to be offered CP</li><li>- *Score at least 70% in DT (overall) to be offered DT</li><li>- *Score at least 60% in English Language (overall) AND at least 75% in Geography (overall) to be offered Core Geography</li></ul>

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## 2017 Sec 3 Subject Combinations (Express)

Subject #	E-1	E-21	E-22	E-31	E-32	E-41	E-42
1ST	English Language						
2ND	Mother-Tongue Language / Higher Mother-Tongue Language						
3RD	Mathematics						
4TH	Combined Humanities (Social Studies and choose one of the following electives): · Geography Elective (not applicable with Core Geography) · History Elective · Literature in English Elective						
5TH	Sci (Phy, Chem)	Pure Chem		Pure Phy		Pure Phy	
6TH	Art / CP* / DT	Sci (Phy, Bio)		Sci (Chem, Bio)		Pure Chem	
7TH	A-Math	A-Math / Art / DT	A-Math	A-Math		A-Math	
8TH			Core Geo / Art / CP / DT		Core Geo / Art / CP / DT		Core Geo / Art / CP / DT / Pure Bio

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## Streaming Exercise

Course Option	Criteria
E-31	<ul style="list-style-type: none"><li>- Pass Science (Semester 2) to be offered Pure Physics</li><li>- Pass Mathematics (overall) to be offered A Math</li></ul>

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## Streaming Exercise

Course Option	Criteria
E-32 Sciences	<ul style="list-style-type: none"><li>- Pass Science (Semester 2) to be offered Pure Physics</li><li>- Pass Mathematics (overall) to be offered A Math</li></ul>

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## Streaming Exercise

Course Option	Criteria
E-32 Electives Choose 1	<ul style="list-style-type: none"><li>- *Score at least 65% in Art (overall) to be offered Art</li><li>- *Pass Mathematics (overall) to be offered CP</li><li>- *Score at least 70% in DT (overall) to be offered DT</li><li>- *Score at least 60% in English Language (overall) AND at least 75% in Geography (overall) to be offered Core Geography</li></ul>

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## 2017 Sec 3 Subject Combinations (Express)

Subject #	E-1	E-21	E-22	E-31	E-32	E-41	E-42
1ST	English Language						
2ND	Mother-Tongue Language / Higher Mother-Tongue Language						
3RD	Mathematics						
4TH	Combined Humanities (Social Studies and choose one of the following electives): <ul style="list-style-type: none"> <li>· Geography Elective (not applicable with Core Geography)</li> <li>· History Elective</li> <li>· Literature in English Elective</li> </ul>						
5TH	Sci (Phy, Chem)	Pure Chem		Pure Phy		Pure Phy	
6TH	Art / CP* / DT	Sci (Phy, Bio)		Sci (Chem, Bio)		Pure Chem	
7TH	A-Math	A-Math / Art / DT	A-Math	A-Math		A-Math	
8TH			Core Geo / Art / CP / DT		Core Geo / Art / CP / DT		Core Geo / Art / CP / DT / Pure Bio

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## Streaming Exercise

Course Option	Criteria
E-41	<ul style="list-style-type: none"><li>- Score at least 70% in Science for both semester to be offered Pure Chemistry and Pure Physics</li><li>- Pass Mathematics (overall) to be offered A Math</li></ul>

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## Streaming Exercise

### Course Option

### Criteria

E-42 Sciences

- Score at least 70% in Science for both semester to be offered Pure Chemistry and Pure Physics
- Pass Mathematics (overall) to be offered A Math



## Streaming Exercise

Course Option	Criteria
E-42 Electives Choose 1	<ul style="list-style-type: none"><li>- *Score at least 65% in Art (overall) to be offered Art</li><li>- *Pass Mathematics (overall) to be offered CP</li><li>- *Score at least 70% in DT (overall) to be offered DT</li><li>- *Score at least 60% in English Language (overall) AND at least 75% in Geography (overall) to be offered Core Geography</li><li>- *Score at least <u>75%</u> in Science for both semester to be offered <u>Pure Biology, Pure Chemistry and Pure Physics</u></li></ul>

## What parents can do to help

Help child explore and discover

- Interests
- Aspiration
- Strengths – theory vs practical-based learning
- Motivate child to put in consistent effort throughout the year

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# Q&A Session

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## Panelists

Mr Yap Thiam Chuan (Principal)

Miss Wong Shing Liu (Year Head Sec 2)

Mrs Ang Lee Boon (HOD/Humanities)

Mr Clarence Chang (HOD/Science)

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