

# COURSES OFFERED IN 2024 JAE

Use **SchoolFinder** at [www.moe.gov.sg/schoolfinder](http://www.moe.gov.sg/schoolfinder) to explore junior colleges and Millennia Institute.



Use **CourseFinder** at [www.moe.gov.sg/coursefinder](http://www.moe.gov.sg/coursefinder) to explore courses in polytechnics and ITE.



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

JC Name	A-Level				International Baccalaureate	
	Arts		Science		Course Code	Net L1R5 Range for Previous (2023) JAE
	Course Code	Net L1R5 Range for Previous (2023) JAE	Course Code	Net L1R5 Range for Previous (2023) JAE		
Anderson Serangoon Junior College	39A	6 to 11	39S	4 to 10	-	-
Anglo-Chinese Junior College	22A	4 to 9	22S	2 to 8	-	-
Anglo-Chinese School (Independent)	-	-	-	-	51I	2 to 5
Catholic Junior College	23A	4 to 14	23S	3 to 13	-	-
Dunman High School	44A	4 to 9	44S	2 to 8	-	-
Eunoia Junior College	38A	2 to 8	38S	2 to 6	-	-
Hwa Chong Institution	24A	2 to 5	24S	2 to 4	-	-
Jurong Pioneer Junior College	40A	5 to 17	40S	5 to 14	-	-
Nanyang Junior College	26A	4 to 6	26S	2 to 5	-	-
National Junior College	27A	5 to 8	27S	2 to 7	-	-
Raffles Institution	28A	2 to 5	28S	2 to 4	-	-
River Valley High School	45A	6 to 9	45S	4 to 8	-	-
St. Andrew's Junior College	30A	3 to 10	30S	3 to 9	-	-
St. Joseph's Institution	-	-	-	-	52I	2 to 7
Tampines Meridian Junior College	41A	6 to 13	41S	4 to 13	-	-
Temasek Junior College	32A	7 to 9	32S	3 to 8	-	-
Victoria Junior College	33A	2 to 8	33S	2 to 7	-	-
Yishun Innova Junior College	42A	11 to 19	42S	6 to 20	-	-

## Millennia Institute (MI) Courses (3-Year Duration)

School Name	A-Level					
	Arts		Commerce		Science	
	Course Code	Net L1R4 Range for Previous (2023) JAE	Course Code	Net L1R4 Range for Previous (2023) JAE	Course Code	Net L1R4 Range for Previous (2023) JAE
Millennia Institute	43A	10 to 20	43C	9 to 19	43S	3 to 17

# ENTRY REQUIREMENTS OF COURSES TO NANYANG POLYTECHNIC



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.

The “**Net ELR2B2 Range for Previous (2023) JAE**” in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses through the 2023 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 2024 JAE may vary from previous years, depending on students’ GCE O-Level examination results and their course choices during the JAE.

Find out about each course at [www.moe.gov.sg/coursefinder](http://www.moe.gov.sg/coursefinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements																								
<b>APPLIED SCIENCES</b>																												
Applied Chemistry	C45	ELR2B2-C	4 to 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) 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>• Food &amp; Nutrition / Nutrition &amp; Food Science</td> <td></td> </tr> <tr> <td>• Physics</td> <td></td> </tr> <tr> <td>• Science (Physics, Biology)</td> <td></td> </tr> <tr> <td>• Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td>• Science (Physics, Chemistry)</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		• Food & Nutrition / Nutrition & Food Science		• Physics		• Science (Physics, Biology)		• Science (Chemistry, Biology)		• Science (Physics, Chemistry)	
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Biologics & Process Technology	C49	ELR2B2-C	5 to 10																									
Chemical & Pharmaceutical Technology	C73	ELR2B2-C	7 to 14																									
Common Science Programme  The first semester is common to all students and they will opt for one of the following Diploma courses at the end of semester 1: <ul style="list-style-type: none"> <li>• Applied Chemistry</li> <li>• Biologics &amp; Process Technology</li> <li>• Chemical &amp; Pharmaceutical Technology</li> <li>• Food Science &amp; Nutrition</li> <li>• Pharmaceutical Science</li> </ul>	C27	ELR2B2-C	8 to 12																									
Food Science & Nutrition	C69	ELR2B2-C	5 to 12																									
Pharmaceutical Science	C65	ELR2B2-C	6 to 10																									

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
<b>BUILT ENVIRONMENT</b>												
Architecture	C38	ELR2B2-C	7 to 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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
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<b>BUSINESS &amp; MANAGEMENT</b>												
Accountancy & Finance	C98	ELR2B2-B	6 to 12	<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 one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6
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Banking & Finance	C96	ELR2B2-B	5 to 12									
Business Management <b><u>Specialisations:</u></b> <ul style="list-style-type: none"> <li>• Customer Relationship and Service Management</li> <li>• Event Management</li> <li>• Human Resource Management</li> <li>• International Business</li> <li>• E-Commerce and Retail Management</li> <li>• Marketing &amp; Digital Communications</li> <li>• Supply Chain Management</li> </ul>	C94	ELR2B2-B	6 to 15									
Common Business Programme  The first semester is common to all students and they will opt for one of the following Diploma courses at the end of semester 1: <ul style="list-style-type: none"> <li>• Accountancy &amp; Finance</li> <li>• Banking &amp; Finance</li> <li>• Business Management</li> <li>• Food &amp; Beverage Business</li> <li>• Hospitality &amp; Tourism Management</li> </ul>	C34	ELR2B2-B	5 to 15									
Food & Beverage Business <b><u>Specialisations:</u></b> <ul style="list-style-type: none"> <li>• Food &amp; Beverage Management</li> <li>• Culinary Arts</li> </ul>	C46	ELR2B2-B	5 to 16									
Hospitality & Tourism Management	C67	ELR2B2-B	7 to 17									
Mass Media Management	C93	ELR2B2-B	6 to 12									
Sport & Wellness Management	C81	ELR2B2-B	11 to 17									

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
Business & Financial Technology	C35	ELR2B2-C	8 to 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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6		
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<b>ENGINEERING</b>														
Aeronautical & Aerospace Technology <sup>⑤</sup>  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Aerospace Systems &amp; Testing</li> <li>Aerospace Manufacturing</li> </ul>	C51	ELR2B2-C	6 to 16	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Physics, Biology)</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Physics, Biology)</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Aerospace Systems & Management <sup>⑤</sup>	C52	ELR2B2-C	11 to 18											
Advanced & Digital Manufacturing  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Additive Manufacturing</li> <li>Aerospace Manufacturing</li> <li>Biomedical Manufacturing</li> <li>Advanced Precision Manufacturing</li> </ul>	C62	ELR2B2-C	15 to 23											
AI & Data Engineering	C31	ELR2B2-C	3 to 10											
Biomedical Engineering <sup>①</sup>  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Biomedical Device Technology</li> <li>Quality System &amp; Regulatory Compliance</li> <li>Biomedical Design &amp; Manufacturing Technology</li> </ul>	C71	ELR2B2-C	6 to 14											

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
<p>Common Engineering Programme</p> <p>The first academic semester is common to all students. Students may choose to take the Electronics-Aerospace-Computer Engineering Track or the Mechanical-Aerospace-Biomedical Engineering Track in the second academic semester. At the end of academic year 1, they will opt for one of the following Diploma courses:</p> <ul style="list-style-type: none"> <li>Advanced &amp; Digital Manufacturing</li> <li>Aeronautical &amp; Aerospace Technology ⑤</li> <li>Aerospace Systems &amp; Management ⑤</li> <li>AI &amp; Data Engineering</li> <li>Biomedical Engineering ①</li> <li>Electronic &amp; Computer Engineering ①</li> <li>Engineering with Business</li> <li>Infocomm &amp; Media Engineering ①</li> <li>Nanotechnology &amp; Materials Science ①</li> <li>Robotics &amp; Mechatronics ①</li> </ul>	C42	ELR2B2-C	6 to 24	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Physics, Biology)</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Physics, Biology)</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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<p>Electronic &amp; Computer Engineering ①</p> <p><b>Specialisations:</b></p> <ul style="list-style-type: none"> <li>Computer Engineering</li> <li>Business Operations</li> <li>Microelectronics</li> <li>Internet of Things</li> </ul>	C89	ELR2B2-C	3 to 15											
<p>Engineering with Business</p>	C41	ELR2B2-C	6 to 14											
<p>Infocomm &amp; Media Engineering ①</p> <p><b>Specialisations:</b></p> <ul style="list-style-type: none"> <li>Software &amp; Applications</li> <li>Cloud Infrastructure &amp; Services</li> <li>UX Design &amp; Engineering</li> <li>Media Technology &amp; Systems</li> </ul>	C75	ELR2B2-C	14 to 19											
<p>Nanotechnology &amp; Materials Science ①</p>	C50	ELR2B2-C	10 to 15											
<p>Robotics &amp; Mechatronics ①</p> <p><b>Specialisations:</b></p> <ul style="list-style-type: none"> <li>Wafer Fabrication Technology</li> <li>Automation &amp; Robotics Technology</li> </ul>	C87	ELR2B2-C	6 to 19											

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<b>HEALTH SCIENCES</b>																																								
Nursing ②	C97*	ELR2B2-C	6 to 28	<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>• Biology</td> <td></td> </tr> <tr> <td></td> <td>• Biotechnology</td> <td></td> </tr> <tr> <td></td> <td>• Chemistry</td> <td></td> </tr> <tr> <td></td> <td>• Food &amp; Nutrition / Nutrition &amp; Food Science</td> <td></td> </tr> <tr> <td></td> <td>• Physics</td> <td></td> </tr> <tr> <td></td> <td>• Science (Physics, Biology)</td> <td></td> </tr> <tr> <td></td> <td>• Science (Chemistry, Biology)</td> <td></td> </tr> <tr> <td></td> <td>• Science (Physics, Chemistry)</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			• Food & Nutrition / Nutrition & Food Science			• Physics			• Science (Physics, Biology)			• Science (Chemistry, Biology)			• Science (Physics, Chemistry)	
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Oral Health Therapy ② ③	C72	ELR2B2-C	5 to 10																																					
<b>HUMANITIES</b>																																								
Social Work	C47	ELR2B2-A	4 to 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>1-6</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c)</td> <td>Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>		<u>Subject</u>	<u>Grade</u>	a)	English Language	1-6	b)	Mathematics (Elementary/Additional)	1-7	c)	Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6																								
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<b>INFORMATION &amp; DIGITAL TECHNOLOGIES</b>																																								
Applied AI & Analytics	C43	ELR2B2-C	4 to 9	<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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6																								
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Common ICT Programme The first academic year is common to all students and they will opt for one of the following Diploma courses at the end of academic year 1: <ul style="list-style-type: none"> <li>• Business &amp; Financial Technology</li> <li>• Cybersecurity &amp; Digital Forensics</li> <li>• Infocomm &amp; Security</li> <li>• Information Technology</li> </ul>	C36	ELR2B2-C	4 to 14																																					
Cybersecurity & Digital Forensics <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• Cyber Security</li> <li>• Cyber Forensics</li> </ul>	C54	ELR2B2-C	5 to 10																																					

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

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
Infocomm & Security  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Systems &amp; Network Security</li> <li>Enterprise Infrastructure</li> <li>Infocomm Solutions</li> </ul>	C80	ELR2B2-C	11 to 15	<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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
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Game Development & Technology	C70	ELR2B2-C	4 to 11									
Information Technology  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Artificial Intelligence</li> <li>Cyber Security</li> <li>Enterprise Cloud Computing</li> <li>Geospatial &amp; Mobile Innovation</li> </ul>	C85	ELR2B2-C	8 to 13									
<b>MEDIA &amp; DESIGN</b>												
Animation, Games & Visual Effects ④  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Animation</li> <li>Games</li> <li>Visual Effects</li> </ul>	C29	ELR2B2-D	4 to 10	<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 one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6
<u>Subject</u>	<u>Grade</u>											
a) English Language	1-7											
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c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6											
Common Design & Media Programme ④  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"> <li>Animation, Games &amp; Visual Effects</li> <li>Communication &amp; Motion Design</li> <li>Experiential Product &amp; Interior Design</li> </ul>	C28	ELR2B2-D	4 to 14									
Communication & Motion Design ④  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Communication Design</li> <li>Motion Design</li> </ul>	C30	ELR2B2-D	4 to 15									
Experiential Product & Interior Design ④  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Interactive Experience</li> <li>3D Experience</li> </ul>	C32	ELR2B2-D	5 to 17									

**Note: (Nanyang Polytechnic)**

- ① *Candidates with colour appreciation deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Nanyang Polytechnic for more information.*
  - ② *As the delivery of direct patient care is a requisite of healthcare professions, all applicants must pass a medical examination and be certified to have the following abilities to perform patient care activities in a safe and effective manner:*
    - *Mental-Cognitive ability (including interpersonal-communication ability and behavioural stability) to:*
      - a) *provide safe care to populations, including safety to self*
      - b) *demonstrate emotional-behavioural stability to function under the stress and pressure when performing nursing care on patients*
      - c) *remain calm when being observed by instructors and other health care personnel during clinical practice attachments.*
    - *Physical ability to:*
      - a) *move around in the clinical environment, walk/stand, bend, reach, lift climb, push and pull, carry objects*
      - b) *perform patient transfers and complex sequences of hand-eye coordination.*
    - *Auditory ability to hear:*
      - a) *faint body sounds*
      - b) *auditory alarms*
      - c) *normal speaking level sounds (i.e. blood pressure sounds, monitors, call bells and person-to-person report).*
    - *Visual ability to:*
      - a) *detect changes in physical appearance, colour and contour*
      - b) *read accurately medication/ drug labels, markings on syringes and manometers, written and electronic communication.*
- The above required abilities are stipulated in consultation with Singapore Nursing Board to ensure nursing students are fit to practise when they apply for registration/ enrolment upon graduation from nursing programme.*
- ③ *Candidates will have to take and pass a manual dexterity test (MDT) as the MDT is required under industry standards to assess the candidate's fine motor skills crucial for handling of specialized instruments for effective and safe delivery of dental treatment.*
  - ④ *Applicants with severe colour vision deficiency may encounter difficulties in some modules with high reliance on colour usage. Such candidates may be required to attend an interview to determine their suitability for admission to the course. For more clarifications and information, please check directly with Nanyang Polytechnic.*
  - ⑤ *Candidates with colour appreciation deficiency, hearing and other physical impairment may encounter difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Nanyang Polytechnic for more information.*



# ENTRY REQUIREMENTS OF COURSES TO NGEE ANN POLYTECHNIC



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.

The “**Net ELR2B2 Range for Previous (2023) JAE**” in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2023 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 2024 JAE may vary from previous years, depending on students’ GCE O-Level examination results and their course choices during the JAE.

Find out about each course at [www.moe.gov.sg/coursefinder](http://www.moe.gov.sg/coursefinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
<b>APPLIED SCIENCES</b>																			
Biomedical Science  In the final year, students will opt for one of the following: <ul style="list-style-type: none"> <li>Applied Biomedical Science Track</li> <li>Integrated Clinical Training Programme</li> </ul>	N59	ELR2B2-C	3 to 7	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Common Science Programme ①  At the end of the first semester, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> <li>Biomedical Science</li> <li>Pharmaceutical Science ①</li> </ul>	N15	ELR2B2-C	5 - 9																
Pharmaceutical Science ①	N73	ELR2B2-C	3 to 9																

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
Chemical & Biomolecular Engineering	N56	ELR2B2-C	8 to 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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Environmental & Water Technology	N74	ELR2B2-C	6 to 15	<table border="0"> <tbody> <tr> <td></td> <td> <ul style="list-style-type: none"> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </td> <td></td> </tr> </tbody> </table>		<ul style="list-style-type: none"> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>													
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Landscape Design & Horticulture	N57	ELR2B2-D	4 to 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>1-7</td> </tr> <tr> <td>c)</td> <td>Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6			
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<b>BUILT ENVIRONMENT</b>																			
Hotel & Leisure Facilities Management ② ④	N40	ELR2B2-C	7 to 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>1-6</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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
<b>BUSINESS &amp; MANAGEMENT</b>												
Accountancy [With a choice of 1-year JobReady Programme or 1-semester Business Digitalisation Track <u>in the final year</u> ]	N51	ELR2B2-B	4 to 12	<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 one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6
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a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-6											
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Arts Business Management	N91	ELR2B2-B	5 to 12									
Banking & Finance [With a choice of 1-year JobReady Programme <u>in the final year</u> ]	N53	ELR2B2-B	5 to 10									
Business Studies <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• Business Sustainability &amp; Digitalisation</li> <li>• Entrepreneurship</li> <li>• Human Capital Management</li> <li>• Marketing</li> </ul> [With a choice of 1-year JobReady Programme or Business Digitalisation Track within specialisations <u>in the final year</u> ]	N45	ELR2B2-B	3 to 8									
Common Business Programme  At the end of the first year, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> <li>• Accountancy</li> <li>• Banking &amp; Finance</li> <li>• Business Studies</li> <li>• International Trade &amp; Business</li> <li>• Tourism &amp; Resort Management</li> </ul>	N97	ELR2B2-B	3 to 12									
International Trade & Business [With a choice of 1-year JobReady Programme <u>in the final year</u> ]	N85	ELR2B2-B	8 to 13									
Real Estate Business	N48	ELR2B2-B	8 to 14									

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements																												
Tourism & Resort Management  [With a choice of 1-year JobReady Programme or Business Digitalisation Track or 1-semester Tourism Startup Internship Project in the final year]	N72	ELR2B2-B	10 to 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>1-6</td> </tr> <tr> <td>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6																				
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Aerospace Engineering ② ③ ⑤  <b>Specialisations:</b> • Avionics • Mechanical	N65	ELR2B2-C	9 to 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>• Biology</td> <td></td> </tr> <tr> <td>• Biotechnology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Computing / Computer Studies</td> <td></td> </tr> <tr> <td>• Design &amp; Technology</td> <td></td> </tr> <tr> <td>• Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>• Physics</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)</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		• Computing / Computer Studies		• Design & Technology		• Electronics / Fundamentals of Electronics		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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Biomedical Engineering ② ③ ⑤	N60	ELR2B2-C	6 to 11																													
Common Engineering Programme ② ③ ⑤  At the end of the first year, students will opt for Diploma courses from one of the following tracks:  <b>Mechanical Track:</b> • Aerospace Engineering (Mechanical Option) ② ③ ⑤ • Marine & Offshore Technology ② ⑤ • Mechanical Engineering ② ⑤ • Mechatronics & Robotics ② ③ ⑤  <b>Electrical &amp; Electronic Track:</b> • Aerospace Engineering (Avionics Option) ② ③ ⑤ • Biomedical Engineering ② ③ ⑤ • Electrical Engineering ② ③ ⑤ • Electronic & Computer Engineering ② ③ ⑤ • Engineering Science ② ③ ⑤	N71	ELR2B2-C	7 to 24																													
Electrical Engineering ② ③ ⑤  <b>Specialisations:</b> • Clean Energy Management • Power Engineering	N43	ELR2B2-C	12 to 24																													

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements																												
Electronic & Computer Engineering ② ③ ⑤ <b>Specialisations:</b> • Artificial Intelligence of Things • Microelectronics	N44	ELR2B2-C	5 to 16	<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>• Biology</td> <td></td> </tr> <tr> <td>• Biotechnology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Computing / Computer Studies</td> <td></td> </tr> <tr> <td>• Design &amp; Technology</td> <td></td> </tr> <tr> <td>• Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>• Physics</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)</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		• Computing / Computer Studies		• Design & Technology		• Electronics / Fundamentals of Electronics		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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Engineering Science ② ③ ⑤ <b>Specialisations:</b> • AI for Autonomous Systems • Data Analytics & Security	N93	ELR2B2-C	6 to 11																													
Mechanical Engineering ② ⑤ <b>Specialisations:</b> • Automation Design Engineering • Mobility Design Engineering	N41	ELR2B2-C	4 to 26																													
Mechatronics & Robotics ② ③ ⑤ <b>Specialisations:</b> • Automation & Industrial Cybersecurity • Autonomous Systems  <i>(Previously known as Automation &amp; Mechatronic Systems)</i>	N50	ELR2B2-C	6 to 26																													
<b>HEALTH SCIENCES</b>																																
Nursing ⑥	N69*	ELR2B2-C	6 to 28	<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>• Biology</td> <td></td> </tr> <tr> <td>• Biotechnology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Food &amp; Nutrition / Nutrition &amp; Food Science</td> <td></td> </tr> <tr> <td>• Physics</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)</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		• Food & Nutrition / Nutrition & Food Science		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)					
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Optometry ② ⑦	N83	ELR2B2-C	6 to 13																													

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

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
<b>HUMANITIES</b>												
Chinese Studies ⑨	N70	ELR2B2-A	5 to 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>1-6</td> </tr> <tr> <td>b) Higher Chinese <b>or</b> Chinese</td> <td>1-4 1-3</td> </tr> <tr> <td>c) Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table> <p><i>To be eligible for selection, students must also have sat for Mathematics (Elementary/ Additional).</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Higher Chinese <b>or</b> Chinese	1-4 1-3	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
<u>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Higher Chinese <b>or</b> Chinese	1-4 1-3											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
Community Development  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Disabilities</li> <li>Eldercare</li> <li>Youth Development</li> </ul>	N11	ELR2B2-A	5 to 13	<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 one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
<u>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
<b>HUMANITIES (Conducted by the National Institute of Early Childhood Development in collaboration with Ngee Ann Polytechnic)</b>												
Early Childhood Development & Education ⑧	N96	ELR2B2-A	5 to 23	<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) Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table> <p><i>To be eligible for selection, students must also have sat for Mathematics (Elementary/ Additional).</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6	c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
<u>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
Tamil Studies with Early Education ⑧ ⑨	N95	ELR2B2-A	15 to 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) Higher Tamil <b>or</b> Tamil</td> <td>1-4 1-3</td> </tr> <tr> <td>c) Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table> <p><i>To be eligible for selection, students must also have sat for Mathematics (Elementary/ Additional).</i></p>	<u>Subject</u>	<u>Grade</u>	a) English Language	1-6	b) Higher Tamil <b>or</b> Tamil	1-4 1-3	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
<u>Subject</u>	<u>Grade</u>											
a) English Language	1-6											
b) Higher Tamil <b>or</b> Tamil	1-4 1-3											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
<b>INFORMATION &amp; DIGITAL TECHNOLOGIES</b>														
Common ICT Programme ② ③ ④  At the end of the first semester, students will opt for one of the following Diploma courses:  <ul style="list-style-type: none"> <li>• Cybersecurity &amp; Digital Forensics ②</li> <li>• Data Science ②</li> <li>• Immersive Media ② ③ ④</li> <li>• Information Technology ②</li> </ul>	N98	ELR2B2-C	3 to 12	<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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6		
<u>Subject</u>	<u>Grade</u>													
a) English Language	1-7													
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c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6													
Cybersecurity & Digital Forensics ②  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• AI for Cybersecurity</li> <li>• Cloud Security</li> </ul>	N94	ELR2B2-C	3 to 10											
Data Science ②	N81	ELR2B2-C	4 to 10											
Immersive Media ② ③ ④	N55	ELR2B2-C	5 to 14											
Information Technology ②  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• Artificial Intelligence</li> <li>• Cloud Computing</li> <li>• Enterprise Computing</li> <li>• Software Engineering</li> </ul>	N54	ELR2B2-C	5 to 14											
<b>MARITIME STUDIES</b>														
Marine & Offshore Technology ② ⑤	N42	ELR2B2-C	14 to 25	<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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
<b>MEDIA &amp; DESIGN</b>												
Chinese Media & Communication	N88	ELR2B2-A	4 to 13	<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) Higher Chinese <u>or</u> Chinese</td> <td>1-4 1-3</td> </tr> <tr> <td>c) Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table> <p><i>To be eligible for selection, students must also have sat for Mathematics (Elementary/ Additional).</i></p>	Subject	Grade	a) English Language	1-6	b) Higher Chinese <u>or</u> Chinese	1-4 1-3	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
Subject	Grade											
a) English Language	1-6											
b) Higher Chinese <u>or</u> Chinese	1-4 1-3											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
Common Media Programme ② ③ ④  At the end of the first semester, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> <li>• Film, Sound &amp; Video ② ④</li> <li>• Mass Communication</li> <li>• Media Post-Production ② ③ ④</li> </ul> (Note: Students opting to be streamed into the Diploma in Mass Communication must obtain grade 1 to 4 for O-level English Language)	N14	ELR2B2-A	7 - 12	<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 one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
Subject	Grade											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
Mass Communication	N67	ELR2B2-A	3 to 8	<table> <thead> <tr> <th>Subject</th> <th>Grade</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 one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-4	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
Subject	Grade											
a) English Language	1-4											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
Media Post-Production ② ③ ④	N13	ELR2B2-A	3 to 13	<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 one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
Subject	Grade											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
Film, Sound & Video ② ④	N82	ELR2B2-A	3 to 11									
Design ②  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• Architecture</li> <li>• Product Innovation</li> </ul>	N12	ELR2B2-D	4 to 15	<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>1-7</td> </tr> <tr> <td>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6
Subject	Grade											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6											



**Note: (Ngee Ann Polytechnic)**

- ① Applicants with colour vision deficiency applying for **N73 (Diploma in Pharmaceutical Science)** may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.
- ② Applicants with severe vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.
- ③ Applicants with colour vision deficiency may encounter difficulties meeting the course requirements and expectations. Those with mild colour vision deficiency are required to undergo an in-house test.
- ④ Applicants with hearing deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.
- ⑤ Applicants with profound hearing deficiency, uncontrolled epilepsy and/or severe physical impairments may encounter difficulties meeting the course requirements and expectations. Interested applicants with any of these conditions are advised to contact Ngee Ann Polytechnic for more information.
- ⑥ Due to the special requirements of the healthcare professions, all applicants applying for **N69 (Diploma in Nursing)** have to pass a medical examination and be certified to have the following abilities to perform patient care activities in a safe and effective manner:

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

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

- ⑦ Applicants with severe physical impairments applying for **N83 (Diploma in Optometry)** may encounter difficulties meeting the course requirements and expectations. Please refer to the Optometrists & Opticians Board (OOB) Professional Practice Code and Guidelines on "Fitness to Practice" for guidance. Interested applicants are advised to contact Ngee Ann Polytechnic for more information.
- ⑧ Applicants applying for **N95 (Diploma in Tamil Studies with Early Education)** and **N96 (Diploma in Early Childhood Development & Education)** have to pass a pre-admission medical examination. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children. More details on the medical examination can be found at [bit.ly/NIECmedical](http://bit.ly/NIECmedical).

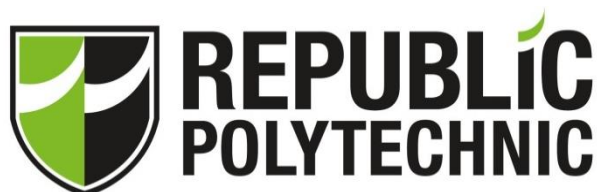
Applicants admitted to **N95 (Diploma in Tamil Studies with Early Education)** or **N96 (Diploma in Early Childhood Development & Education)** who are keen to register to be certified by the Early Childhood Development Agency (ECDA) as an L2 English Language Preschool Teacher (deployable to teach up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

- ⑨ **N95 (Diploma in Tamil Studies with Early Education)** and **N70 (Diploma in Chinese Studies)**

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

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

# ENTRY REQUIREMENTS OF COURSES TO REPUBLIC POLYTECHNIC



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.

The “**Net ELR2B2 Range for Previous (2023) JAE**” in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2023 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 2024 JAE may vary from previous years, depending on students’ GCE O-Level examination results and their course choices during the JAE.

Find out about each course at [www.moe.gov.sg/coursefinder](http://www.moe.gov.sg/coursefinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
<b>APPLIED SCIENCES</b>														
Applied Chemistry ①  <b>Specialisations:</b> ① • Industrial Chemistry • Materials Science	R17	ELR2B2-C	12 to 18	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Subject</u></th> <th style="text-align: right; border-bottom: 1px solid black;"><u>Grade</u></th> </tr> </thead> <tbody> <tr> <td>a) English Language</td> <td style="text-align: right;">1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td style="text-align: right;">1-6</td> </tr> <tr> <td>c) Any one of the following subjects:</td> <td style="text-align: right;">1-6</td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Biomedical Science ①  <b>Specialisations:</b> ① • Biomedical Research • Medical Laboratory Technology	R14	ELR2B2-C	7 to 12											
Biotechnology ①  <b>Specialisations:</b> ① • Biologics • Food and Agrotech	R16	ELR2B2-C	8 to 19											

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
Common Science Programme ① The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 1: <ul style="list-style-type: none"> <li>Applied Chemistry</li> <li>Biomedical Science</li> <li>Biotechnology</li> <li>Environmental &amp; Marine Science</li> <li>Pharmaceutical Science</li> </ul>	R59	ELR2B2-C	12 to 18	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Environmental & Marine Science ① ② ③ <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Aquaculture Technology</li> <li>Environmental Management and Technology</li> </ul>	R62	ELR2B2-C	8 to 15																
Pharmaceutical Science ① <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Industrial Pharmacy</li> <li>Pharmacy Practice</li> </ul>	R22	ELR2B2-C	8 to 19																
<b>BUILT ENVIRONMENT</b>																			
Sustainable Built Environment	R61	ELR2B2-C	16 to 26	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements												
<b>BUSINESS &amp; MANAGEMENT</b>																
Business	R60	ELR2B2-B	9 to 20	<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>1-6</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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6
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a)	English Language	1-6														
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c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6														
Common Business Programme ⑦ The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 8 Diplomas at the end of semester 1: <ul style="list-style-type: none"> <li>• Business</li> <li>• Consumer Behaviour &amp; Research</li> <li>• Customer Experience Management with Business</li> <li>• Hotel &amp; Hospitality Management</li> <li>• Human Resource Management with Psychology</li> <li>• Integrated Events Management</li> <li>• Restaurant &amp; Culinary Operations</li> <li>• Tourism Management with Technology</li> </ul>	R57	ELR2B2-B	8 to 26													
Consumer Behaviour & Research	R48	ELR2B2-B	14 to 18													
Customer Experience Management with Business	R34	ELR2B2-B	15 to 22													
Hotel & Hospitality Management ③	R37	ELR2B2-B	13 to 26													
Human Resource Management with Psychology	R52	ELR2B2-B	8 to 16													
Integrated Events Management	R28	ELR2B2-B	15 to 26													
Outdoor & Adventure Learning ②④	R33	ELR2B2-B	11 to 25													
Restaurant & Culinary Operations ③	R46	ELR2B2-B	14 to 26													
Tourism Management with Technology	R64	ELR2B2-B	17 to 25													

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements																												
Aviation Management	R39	ELR2B2-C	15 to 25	<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>• Computing / Computer Studies</td> <td></td> </tr> <tr> <td>• Design &amp; Technology</td> <td></td> </tr> <tr> <td>• Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>• Physics</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)</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		• Computing / Computer Studies		• Design & Technology		• Electronics / Fundamentals of Electronics		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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Industrial & Operations Management	R11	ELR2B2-C	14 to 26																													
Supply Chain Management	R21	ELR2B2-C	13 to 26																													
<b>ENGINEERING</b>																																
Aerospace Engineering ① ③⑤⑧	R40	ELR2B2-C	12 to 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>• Biology</td> <td></td> </tr> <tr> <td>• Biotechnology</td> <td></td> </tr> <tr> <td>• Chemistry</td> <td></td> </tr> <tr> <td>• Computing / Computer Studies</td> <td></td> </tr> <tr> <td>• Design &amp; Technology</td> <td></td> </tr> <tr> <td>• Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>• Physics</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)</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		• Computing / Computer Studies		• Design & Technology		• Electronics / Fundamentals of Electronics		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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Common Engineering Programme ⑧  The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 8 Diplomas at the end of semester 1: <ul style="list-style-type: none"> <li>• Aerospace Engineering</li> <li>• Aviation Management</li> <li>• Electrical &amp; Electronic Engineering</li> <li>• Engineering Design with Business</li> <li>• Engineering Systems &amp; Management</li> <li>• Industrial &amp; Operations Management</li> <li>• Supply Chain Management</li> <li>• Sustainable Built Environment</li> </ul>	R42	ELR2B2-C	13 to 26																													

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
Electrical & Electronic Engineering ⑧  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Aerospace Electronics</li> <li>Communications</li> <li>Microelectronics</li> </ul>	R50	ELR2B2-C	18 to 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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Engineering Design with Business	R56	ELR2B2-C	16 to 26											
Engineering Systems & Management	R54	ELR2B2-C	15 to 21											
<b>HEALTH SCIENCES</b>														
Common Sports and Health Programme ⑨  The first year semester 1 modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 1:  <ul style="list-style-type: none"> <li>Health Management &amp; Promotion</li> <li>Health Services Management</li> <li>Outdoor &amp; Adventure Learning</li> <li>Sport Coaching</li> <li>Sport &amp; Exercise Science</li> </ul>	R63	ELR2B2-C	12 to 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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Exercise &amp; Sports Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Exercise &amp; Sports Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Health Management & Promotion ①③⑤	R43	ELR2B2-C	14 to 26											
Health Services Management ①③⑤	R45	ELR2B2-C	16 to 26											
Sport Coaching ③	R49	ELR2B2-C	13 to 18											
Sport & Exercise Science ③	R26	ELR2B2-C	6 to 14											

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
<b>MEDIA &amp; DESIGN</b>												
Mass Communication	R32	ELR2B2-A	9 to 16	<table border="1"> <thead> <tr> <th>Subject</th> <th>Grade</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 one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-4	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
Subject	Grade											
a) English Language	1-4											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
Common Arts, Design and Media Programme <sup>(10)</sup>  The first-year modules are common to all students, and they will opt for and stream to one of the following 5 Diplomas at the end of semester 2: <ul style="list-style-type: none"> <li>• Arts &amp; Theatre Management</li> <li>• Media Production &amp; Design</li> <li>• Design for Games &amp; Gamification</li> <li>• Design for User Experience</li> <li>• Sonic Arts</li> </ul>	R65	ELR2B2-A	13 to 20	<table border="1"> <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 one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6
Subject	Grade											
a) English Language	1-6											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
Arts & Theatre Management <sup>(1)(6)(8)</sup>	R25	ELR2B2-A	13 to 19									
Media Production & Design <sup>(3)</sup>	R19	ELR2B2-A	13 to 18									
Design for Games & Gamification <sup>(8)</sup>	R35	ELR2B2-D	12 to 17	<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>1-7</td> </tr> <tr> <td>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6
Subject	Grade											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6											
Design for User Experience <sup>(8)</sup>	R36	ELR2B2-D	15 to 20									
Sonic Arts <sup>(3)</sup>	R24	ELR2B2-D	11 to 18									

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements												
<b>INFORMATION &amp; DIGITAL TECHNOLOGIES</b>																
Business Information Systems	R13	ELR2B2-C	15 to 26	<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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
	<u>Subject</u>	<u>Grade</u>														
a)	English Language	1-7														
b)	Mathematics (Elementary/Additional)	1-6														
c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6														
Common ICT Programme  The first year modules are common to all students and they will opt for and stream to one of the following 5 Diplomas at the end of semester 2: <ul style="list-style-type: none"> <li>• Business Information Systems</li> <li>• Digital Design &amp; Development</li> <li>• Financial Technology</li> <li>• Infocomm Security Management</li> <li>• Information Technology</li> </ul>	R58	ELR2B2-C	13 to 26													
Digital Design & Development (11)	R47	ELR2B2-C	15 to 26													
Financial Technology	R18	ELR2B2-C	16 to 26													
Infocomm Security Management	R55	ELR2B2-C	10 to 25													
Information Technology  <b>Specialisation:</b> (A) <ul style="list-style-type: none"> <li>• Cloud Infrastructure Management</li> </ul>	R12	ELR2B2-C	15 to 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 mild visual impairment who are interested to apply for the following Diploma Programmes may be assessed on a case-by-case basis to determine their suitability for the programmes.*
- ② *Applicants who are interested in applying for this course should ensure they have water confidence because the course includes participation in water-based activities. For more clarifications and information, please check directly with Republic Polytechnic.*
- ③ *It should be noted that candidates with colour appreciation deficiency, profound hearing loss, uncontrolled epilepsy and/or physical impairments may encounter difficulties meeting the course requirements and expectations. For more clarifications and information, please check directly with Republic Polytechnic.*
- ④ *In line with industry requirements, applicants who are interested in applying for a Diploma in Outdoor & Adventure Learning (R33) should ensure that they do not have profound mobility, hearing, and visual impairments, as well as neurodiversity such as autism spectrum disorder. They should not have any chronic health conditions such as asthma, epilepsy, skin disorder, high blood pressure, heart problems and schizophrenia. For more clarifications and information, please check directly with Republic Polytechnic.*
- ⑤ *It should be noted that students with mobility challenges may encounter difficulties meeting the course requirements and expectations. For further clarification and information, please check directly with Republic Polytechnic.*
- ⑥ *It should be noted that applicants with hearing impairment may encounter difficulties meeting the course requirements and expectations, and may be assessed on a case-by-case basis to determine their suitability for the programme. For more clarifications and information, please check directly with Republic Polytechnic.*
- ⑦ *Students admitted to the Common Business Programme (R57) must ensure that they satisfy the requirements as stated in the footnotes before they can be streamed to the respective courses.*
- ⑧ *Applicants with mild colour vision deficiency may be assessed on a case-by-case basis to determine their suitability for the courses.*
- ⑨ *Students admitted to the Common Sports and Health Programme (R63) must ensure that they satisfy the requirements of the respective diplomas before they can be streamed to the respective courses. Students opting to stream into the Diploma in Outdoor & Adventure Learning (R33) must fulfil the minimum entry requirements for the diploma, which include meeting the subject specific grades and the required aggregate score.*
- ⑩ *Students admitted to the Common Arts, Design and Media Programme (R65) must ensure that they satisfy the requirements of the respective diplomas before they can be streamed to the respective courses. Those opting to stream into the Diploma in Design for Games & Gamification (R35), the Diploma in Design for User Experience (R36) or the Diploma in Sonic Arts (R24) are required to pass the introductory elective module for the diploma in lieu of fully meeting their minimum entry requirements.*
- ⑪ *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 Republic Polytechnic*
- Ⓐ *Allocation of options/electives/specialisations will depend on students fulfilling the prerequisites of completing selected modules, meeting criteria and also availability of places in the respective courses.*

# ENTRY REQUIREMENTS OF COURSES TO SINGAPORE POLYTECHNIC

**SINGAPORE  
POLYTECHNIC**



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.

The “**Net ELR2B2 Range for Previous (2023) JAE**” in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2023 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 2024 JAE may vary from previous years, depending on students’ GCE O-Level examination results and their course choices during the JAE.

Find out about each course at [www.moe.gov.sg/coursefinder](http://www.moe.gov.sg/coursefinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements																								
<b>APPLIED SCIENCES</b>																												
Applied Chemistry  <u><b>Specialisations:</b></u> <ul style="list-style-type: none"> <li>• Industrial Chemistry</li> <li>• Materials Science</li> <li>• Pharmaceutical Science</li> </ul>	S64	ELR2B2-C	4 to 9	<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>    • Food &amp; Nutrition / Nutrition &amp; Food Science</td> <td></td> </tr> <tr> <td>    • Physics</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)</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		• Food & Nutrition / Nutrition & Food Science		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
Biomedical Science  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• Biotechnology</li> <li>• Cardiac Technology</li> <li>• Medical Technology</li> </ul>	S98	ELR2B2-C	3 to 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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Chemical Engineering	S70	ELR2B2-C	7 to 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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing/Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics/Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing/Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics/Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements																												
Food Science & Technology	S47	ELR2B2-C	4 to 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 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>    • Food &amp; Nutrition / Nutrition &amp; Food Science</td> <td></td> </tr> <tr> <td>    • Physics</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)</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		• Food & Nutrition / Nutrition & Food Science		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)					
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Perfumery & Cosmetic Science	S38	ELR2B2-C	6 to 11																													
<b>BUILT ENVIRONMENT</b>																																
Architecture	S66	ELR2B2-D	3 to 16	<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 one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6																				
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Landscape Architecture	S94	ELR2B2-D	11 to 17																													
Civil Engineering	S68	ELR2B2-C	8 to 26	<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>    • Biology</td> <td></td> </tr> <tr> <td>    • Biotechnology</td> <td></td> </tr> <tr> <td>    • Chemistry</td> <td></td> </tr> <tr> <td>    • Computing / Computer Studies</td> <td></td> </tr> <tr> <td>    • Design &amp; Technology</td> <td></td> </tr> <tr> <td>    • Electronics / Fundamentals of Electronics</td> <td></td> </tr> <tr> <td>    • Physics</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)</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		• Computing / Computer Studies		• Design & Technology		• Electronics / Fundamentals of Electronics		• Physics		• Science (Chemistry, Biology)		• Science (Physics, Biology)		• Science (Physics, Chemistry)	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
Facilities Management	S95	ELR2B2-D	13 to 22	<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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6
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Integrated Events & Project Management	S50	ELR2B2-D	5 to 17									
<b>BUSINESS &amp; MANAGEMENT</b>												
Accountancy	S75	ELR2B2-B	4 to 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>1-6</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-6</td> </tr> <tr> <td>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6
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b) Mathematics (Elementary/Additional)	1-6											
c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6											
Banking & Finance	S76	ELR2B2-B	3 to 11									
Business Administration  <b><u>Specialisations:</u></b> <ul style="list-style-type: none"> <li>• Digital Marketing &amp; Branding</li> <li>• Innovation &amp; Entrepreneurship</li> <li>• International Trade &amp; Operations</li> </ul>	S71	ELR2B2-B	6 to 12									
Common Business Programme  At the end of Year 1, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> <li>• Accountancy</li> <li>• Banking &amp; Finance</li> <li>• Business Administration</li> <li>• Human Resource Management with Psychology</li> </ul>	S31	ELR2B2-B	5 to 13									
Human Resource Management with Psychology	S48	ELR2B2-B	4 to 12									

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
<b>ENGINEERING</b>														
Aeronautical Engineering ①	S88	ELR2B2-C	4 to 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>1-7</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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Aerospace Electronics ①	S90	ELR2B2-C	5 to 14											
Common Engineering Programme  At the end of the first semester, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> <li>• Aeronautical Engineering ①</li> <li>• Aerospace Electronics ①</li> <li>• Computer Engineering ②</li> <li>• Electrical &amp; Electronic Engineering ③</li> <li>• Engineering with Business ②</li> <li>• Mechanical Engineering ②</li> <li>• Mechatronics &amp; Robotics ②</li> </ul>	S40	ELR2B2-C	4 to 19											
Computer Engineering②  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• Cloud Systems</li> <li>• Computer Applications</li> <li>• Cyber Security</li> <li>• Smart City Technologies</li> </ul>	S53	ELR2B2-C	3 to 12											

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
Electrical & Electronic Engineering ③ <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• Biomedical</li> <li>• Communication</li> <li>• Microelectronics</li> <li>• Power</li> <li>• Rapid Transit Technology</li> <li>• Robotics &amp; Control</li> </ul>	S99	ELR2B2-C	5 to 17	<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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Engineering with Business ②	S42	ELR2B2-C	6 to 11											
Mechanical Engineering ② <b>Specialisations:</b> <ul style="list-style-type: none"> <li>• Automation and Robotics</li> <li>• Biomedical</li> <li>• Energy &amp; Facilities Management</li> <li>• Engineering Design &amp; Simulation</li> <li>• Precision Engineering</li> <li>• Rapid Transit Technology</li> </ul>	S91	ELR2B2-C	6 to 19											
Mechatronics & Robotics ②	S73	ELR2B2-C	5 to 15											
<b>HEALTH SCIENCES</b>														
Optometry ④	S67	ELR2B2-C	6 to 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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements										
<b>INFORMATION &amp; DIGITAL TECHNOLOGIES</b>														
Applied AI & Analytics	S30	ELR2B2-C	4 to 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) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6		
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Common ICT Programme  At the end of the first semester, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"> <li>• Applied AI &amp; Analytics</li> <li>• Cybersecurity &amp; Digital Forensics</li> <li>• Information Technology</li> </ul>	S32	ELR2B2-C	3 to 14											
Cybersecurity & Digital Forensics  <i>(Previously known as Infocomm Security Management)</i>  <u>Specialisations:</u> <ul style="list-style-type: none"> <li>• Cyber Offensive and Operational Technology</li> <li>• Cyber Defence Security</li> <li>• Security Incident Management</li> </ul>	S54	ELR2B2-C	5 to 12											
Information Technology  <u>Specialisations:</u> <ul style="list-style-type: none"> <li>• Immersive Simulation Technology</li> <li>• Software Development</li> <li>• UI &amp; UX</li> </ul>	S69	ELR2B2-C	4 to 15											
<b>MARITIME STUDIES</b>														
Marine Engineering ©	S63	ELR2B2-C	7 to 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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
Maritime Business	S74	ELR2B2-C	10 to 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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
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<b>MEDIA &amp; DESIGN</b>												
Interior Design	S89	ELR2B2-D	8 to 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>1-7</td> </tr> <tr> <td>b) Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6
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a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6											
Media, Arts & Design  <u>Specialisations:</u> <ul style="list-style-type: none"> <li>• Animation &amp; Games</li> <li>• Creative Community Engagement with Psychology</li> <li>• Digital Media &amp; Communications</li> <li>• Experience &amp; Product Design</li> <li>• Story &amp; Content Creation</li> <li>• Sound &amp; Music</li> <li>• Visual Communication &amp; Motion Design</li> </ul>	S29	ELR2B2-D	3 to 13									

**Note: (Singapore Polytechnic)**

- ① Applicants should not be suffering from severe vision deficiency (including colour vision), acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.
- ② Applicants should not be suffering from severe vision deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.
- ③ Applicants who have colour vision deficiency, and wish to pursue a career in electrical power engineering or as a Licensed Electrical Worker (LEW), may encounter difficulties meeting the course requirements and expectations. This condition is required by the Energy Market Authority (EMA) of Singapore. In addition, applicants should not be suffering from severe vision deficiency, acute hearing impairment or uncontrolled epilepsy. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.
- ④ Applicants with severe physical impairment may encounter difficulties meeting the course requirements and expectations. Please refer to the Optometrists & Opticians Board (OOB) Professional Practice Code and Guidelines on "Fitness to Practice" for guidance. Interested applicants with any of these conditions are advised to contact Singapore Polytechnic for more information.
- ⑤ All candidates must pass the colour vision test as per The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW).

**DIRECT ADMISSIONS EXERCISE (DAE)**

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

	<u>Subject</u>	<u>Grade</u>
a)	English Language	1-7
b)	Mathematics (Elementary/Additional)	1-6
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**Note:**

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

# ENTRY REQUIREMENTS OF COURSES TO TEMASEK POLYTECHNIC



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.

The “**Net ELR2B2 Range for Previous (2023) JAE**” in the table below shows the **net ELR2B2 aggregate of the highest to lowest ranked students who were admitted to these courses in the 2023 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 2024 JAE may vary from previous years, depending on students’ GCE O-Level examination results and their course choices during the JAE.

Find out about each course at [www.moe.gov.sg/coursefinder](http://www.moe.gov.sg/coursefinder).

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
<b>APPLIED SCIENCES</b>																			
Common Science Programme ©  The first year curriculum is common to all students. Students will opt for and be streamed to one of the following diplomas at the end of the second Semester. <ul style="list-style-type: none"> <li>• Dip in Chemical Engineering ①④</li> <li>• Dip in Food, Nutrition &amp; Culinary Science ①④</li> <li>• Dip in Medical Biotechnology ①④</li> <li>• Dip in Pharmaceutical Science ①④</li> <li>• Dip in Veterinary Technology ①④</li> </ul>	T70	ELR2B2-C	7 to 12	<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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul> </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"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>• Physics</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> </ul>	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
Food, Nutrition & Culinary Science ①④  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Applied Nutrition</li> <li>Food Technology</li> <li>Future Food Technology</li> </ul>	T26	ELR2B2-C	8 to 10	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Medical Biotechnology ①④  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Clinical Laboratory Practice</li> <li>Translational Biological Research</li> <li>Pharmaceuticals and Biologics Manufacturing</li> </ul>	T64	ELR2B2-C	3 to 9																
Pharmaceutical Science ①④  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Pharmaceuticals and Biologics Manufacturing</li> <li>Pharmacy Practice</li> </ul>	T25	ELR2B2-C	5 to 10																
Veterinary Technology ①④  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Aquaculture</li> <li>Veterinary</li> </ul>	T45	ELR2B2-C	5 to 9																
Biomedical Engineering ①③④  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Clinical Practices</li> <li>Healthcare Analytics</li> <li>Audiometry and Hearing Devices</li> <li>Medical Devices and Imaging</li> <li>Medical Device Regulations</li> </ul>	T38	ELR2B2-C	8 to 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>1-7</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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
<b>BUILT ENVIRONMENT</b>																			
Architectural Technology & Building Services ③ ④  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Digital Architecture</li> <li>Environmental Sustainable Design</li> <li>Building Information Modelling &amp; Management</li> <li>Green Energy Management</li> </ul>	T29	ELR2B2-C	5 to 23	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Integrated Facility Management ④  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Project Management</li> <li>Smart Facilities Management Technologies</li> <li>Sustainable Facilities Management</li> <li>Workplace Safety and Health Management</li> </ul>	T28	ELR2B2-C	4 to 19																
<b>BUSINESS &amp; MANAGEMENT</b>																			
Accountancy & Finance  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Accounting</li> <li>Investment &amp; Banking</li> </ul>	T02	ELR2B2-B	5 to 11	<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>1-6</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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type</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 one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6			
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Business  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Banking &amp; Finance</li> <li>Digital Business Innovation</li> <li>Human Resource Management with Psychology</li> <li>International Business &amp; Entrepreneurship</li> </ul>	T10	ELR2B2-B	5 to 13																

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
<p>Common Business Programme®</p> <p>Students will opt for and stream to one of the following 7 Diplomas:</p> <p>At the end of Semester 1.1</p> <ul style="list-style-type: none"> <li>Dip in Culinary &amp; Catering Management ③ ④</li> </ul> <p>At the end of Semester 1.2</p> <ul style="list-style-type: none"> <li>Dip in Accountancy &amp; Finance</li> <li>Dip in Business</li> <li>Dip in Hospitality &amp; Tourism Management</li> <li>Dip in International Trade &amp; Logistics ③ ④</li> <li>Dip in Law &amp; Management</li> <li>Dip in Marketing</li> </ul> <p>(Note: Students opting to join the Dip in Law &amp; Management must obtain grade 1 to 4 for O-level English Language.)</p>	T01	ELR2B2-B	6 to 15	<table border="1"> <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 one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-6	b) Mathematics (Elementary/Additional)	1-6	c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6
Subject	Grade											
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b) Mathematics (Elementary/Additional)	1-6											
c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6											
<p>Culinary &amp; Catering Management ③ ④</p> <p><b>Specialisations:</b> ①</p> <ul style="list-style-type: none"> <li>Culinary Option</li> <li>Baking &amp; Pastry Option</li> </ul>	T18	ELR2B2-B	3 to 19									
Hospitality & Tourism Management	T08	ELR2B2-B	6 to 17									
<p>International Trade &amp; Logistics ③ ④</p> <p><b>Specialisations:</b> ①</p> <ul style="list-style-type: none"> <li>E-commerce Logistics</li> <li>Manufacturing Logistics</li> </ul>	T07	ELR2B2-B	11 to 16									
Marketing	T67	ELR2B2-B	8 to 15									

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
Aviation Management ③ ④ <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Airport Management</li> <li>Airline Business</li> <li>Air Traffic Management</li> <li>Flight Training &amp; Operations</li> </ul>	T04	ELR2B2-C	7 to 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>1-6</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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Business Process & Systems Engineering ① ④ <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Business Processes &amp; Analytics</li> <li>Systems Engineering &amp; Simulation</li> </ul>	T43	ELR2B2-C	5 to 16																
Communications & Media Management ③ ④ <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Journalism</li> <li>Integrated Media</li> </ul>	T40	ELR2B2-A	6 to 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>1-4</td> </tr> <tr> <td>b)</td> <td>Mathematics (Elementary/Additional)</td> <td>1-7</td> </tr> <tr> <td>c)</td> <td>Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>		<u>Subject</u>	<u>Grade</u>	a)	English Language	1-4	b)	Mathematics (Elementary/Additional)	1-7	c)	Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6			
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c)	Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6																	
Law & Management	T09	ELR2B2-A	5 to 12																
<b>ENGINEERING</b>																			
Aerospace Electronics ② ③ ④ ⑦ <b>Specialisations:</b> <ul style="list-style-type: none"> <li>CAAS approved SAR-147 Licensed Aircraft Engineer Training</li> <li>Flight Training</li> <li>Avionics Systems</li> </ul>	T50	ELR2B2-C	7 to 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>1-6</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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Aerospace Engineering ② ③ ④ ⑦ <b>Specialisations:</b> <ul style="list-style-type: none"> <li>CAAS approved SAR-147 Licensed Aircraft Engineer Training</li> <li>Flight Training</li> <li>Airframe, Engines and Composites</li> </ul>	T51	ELR2B2-C	6 to 15																

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
Chemical Engineering ①④  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Applied Chemistry</li> <li>Sustainable Energy and Chemical Production</li> <li>Pharmaceutical and Biologics Manufacturing</li> <li>Semiconductor Technology</li> </ul>	T33	ELR2B2-C	5 to 14	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Food &amp; Nutrition / Nutrition &amp; Food Science</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Common Engineering Programme ⑥  Students will opt for and stream to one of the following 7 Diplomas:  <u>At the end of Semester 1.1</u> <ul style="list-style-type: none"> <li>Dip in Aerospace Electronics ②③ ④⑦</li> <li>Dip in Aerospace Engineering ②③ ④⑦</li> <li>Dip in Business Process &amp; Systems Engineering①④</li> </ul> <u>At the end of Semester 1.2</u> <ul style="list-style-type: none"> <li>Dip in Biomedical Engineering ①③ ④</li> <li>Dip in Computer Engineering ①③ ④</li> <li>Dip in Electronics ①③ ④</li> <li>Dip in Mechatronics ①③ ④</li> </ul>	T56	ELR2B2-C	8 to 21	<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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Computer Engineering ① ③ ④  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Internet of Things (IoT)</li> <li>Artificial Intelligence</li> <li>Virtual Reality</li> <li>Intelligent Automation</li> </ul>	T13	ELR2B2-C	4 to 13																



Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements															
Electronics ① ③ ④ <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Aerospace Electronics</li> <li>Semiconductor Technology</li> <li>Robotics and Control</li> <li>Applied AI &amp; Smart Devices</li> <li>Green Electronics</li> </ul>	T65	ELR2B2-C	10 to 15	<table border="0"> <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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul> </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"> <li>Biology</li> <li>Biotechnology</li> <li>Chemistry</li> <li>Computing / Computer Studies</li> <li>Design &amp; Technology</li> <li>Electronics / Fundamentals of Electronics</li> <li>Physics</li> <li>Science (Chemistry, Biology)</li> <li>Science (Physics, Biology)</li> <li>Science (Physics, Chemistry)</li> </ul>	
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Mechatronics ① ③ ④ <b>Specialisations:</b> <ul style="list-style-type: none"> <li>3D Printing</li> <li>Robotics and Automation</li> <li>Machine Vision &amp; Pattern Recognition</li> <li>Advanced Manufacturing</li> <li>Sustainability in Engineering</li> </ul>	T66	ELR2B2-C	9 to 16																
<b>HUMANITIES</b>																			
Social Sciences in Gerontology	T53	ELR2B2-A	9 to 14	<table border="0"> <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>1-7</td> </tr> <tr> <td>c)</td> <td>Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>		Subject	Grade	a)	English Language	1-6	b)	Mathematics (Elementary/Additional)	1-7	c)	Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6			
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Psychology Studies	T48	ELR2B2-A	3 to 8																
<b>HUMANITIES (Conducted by the National Institute of Early Childhood Development in collaboration with Temasek Polytechnic)</b>																			
Early Childhood Development & Education ⑤ Track <ul style="list-style-type: none"> <li>Mother Tongue Language Teaching-Malay</li> <li>Visual Arts</li> </ul>	T68	ELR2B2-A	3 to 19	<table border="0"> <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>Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> <tr> <td>c)</td> <td>Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table> <p>To be eligible for selection, students must also have sat for Mathematics (Elementary/ Additional).</p>		Subject	Grade	a)	English Language	1-6	b)	Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6	c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6			
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements												
<b>INFORMATION &amp; DIGITAL TECHNOLOGIES</b>																
Applied Artificial Intelligence ④	T69	ELR2B2-C	4 to 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 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type</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 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
	<u>Subject</u>	<u>Grade</u>														
a)	English Language	1-7														
b)	Mathematics (Elementary/Additional)	1-6														
c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6														
Big Data & Analytics ④  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Advanced Analytics</li> <li>Advanced Manufacturing Technology</li> </ul>	T60	ELR2B2-C	5 to 11													
Common ICT Programme ⑥  The first year is common to all students and they will opt for one of the following diplomas at the end of Semester 1.2  <ul style="list-style-type: none"> <li>Dip in Applied Artificial Intelligence ④</li> <li>Dip in Big Data &amp; Analytics ④</li> <li>Dip in Cybersecurity &amp; Digital Forensics ④</li> <li>Dip in Immersive Media &amp; Game Development ④</li> <li>Dip in Information Technology ④</li> </ul>	T63	ELR2B2-C	5 to 16													
Cybersecurity & Digital Forensics ④  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Digital Forensics</li> <li>Enterprise Security</li> <li>Advanced Manufacturing Technology</li> </ul>	T62	ELR2B2-C	4 to 11													
Immersive Media & Game Development ④	T58	ELR2B2-C	8 to 13													
Information Technology ④  <b>Specialisations:</b> ① <ul style="list-style-type: none"> <li>Business Analytics</li> <li>Advanced Manufacturing Technology</li> <li>Fintech</li> <li>Industry Practice</li> </ul>	T30	ELR2B2-C	5 to 15													

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2023) JAE	Minimum Entry Requirements								
<b>MEDIA &amp; DESIGN</b>												
Apparel Design & Merchandising ② ④	T20	ELR2B2-D	8 to 12	<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>1-7</td> </tr> <tr> <td>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</td> <td>1-6</td> </tr> </tbody> </table>	Subject	Grade	a) English Language	1-7	b) Mathematics (Elementary/Additional)	1-7	c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6
Subject	Grade											
a) English Language	1-7											
b) Mathematics (Elementary/Additional)	1-7											
c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6											
Common Design Programme©  The first semester is common to all students. Students will opt for and be streamed to one of the following diplomas at the end of Semester 1.1 <ul style="list-style-type: none"> <li>• Dip in Apparel Design &amp; Merchandising② ④</li> <li>• Dip in Communication Design② ④</li> <li>• Dip in Digital Film and Television② ④</li> <li>• Dip in Interior Architecture &amp; Design② ④</li> <li>• Dip in Product Experience &amp; Design ② ③ ④</li> </ul>	T71	ELR2B2-D	7 to 15									
Communication Design ② ④	T59	ELR2B2-D	3 to 15									
Digital Film & Television ② ④	T23	ELR2B2-D	3 to 11									
Interior Architecture & Design ② ④	T22	ELR2B2-D	4 to 11									
Product Experience & Design ② ③ ④	T35	ELR2B2-D	5 to 16									

**Note: (Temasek Polytechnic)**

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

- ① *Applicants with severe colour vision deficiency may have difficulties meeting the course requirements and expectations. Interested applicants with severe colour vision deficiency are highly encouraged to contact Temasek Polytechnic for more information.*
- ② *Applicants with mild or severe colour vision deficiency may have difficulties meeting the course requirements and expectations. Interested applicants with mild or severe colour vision deficiency are highly encouraged to contact Temasek Polytechnic for more information.*
- ③ *Applicants with uncontrolled epilepsy or profound hearing loss may have difficulties meeting the course requirements and expectations. Interested applicants with these conditions are highly encouraged to contact Temasek Polytechnic for more information.*
- ④ *Applicants with severe visual impairment may have difficulties meeting the course requirements and expectations. Interested applicants with severe visual impairment are highly encouraged to contact Temasek Polytechnic for more information.*
- ⑤ *Applicants applying for the Diploma in Early Childhood Development & Education [T68] have to pass a pre-admission medical examination to enter the course. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children. More details on the medical examination can be found at [bit.ly/NIECmedical](http://bit.ly/NIECmedical). Applicants admitted to the Diploma in Early Childhood Development & Education [T68] and are keen to register to be certified by the Early Childhood Development Agency (ECDA) as an L2 English Language Preschool Teacher (deployable to teach up to kindergarten level) after graduation must obtain a **minimum of B4 in their GCE O-Level English Language (EL1)** or an English Language Acceptable Alternatives (ELAA). Applicants who do not meet the English Language requirement would be given up to 2 years from their registration as pre-school teachers to do so. This diploma is awarded by the National Institute of Early Childhood Development in collaboration with Temasek Polytechnic.*
- ⑥ *Students opting for any courses in the common programme must ensure that they satisfy the requirements as stated in the footnotes under the respective courses.*
- ⑦ *Applicants with physical impairment or are physically dependent on mobility equipment may have difficulties meeting the course requirements and expectations. Interested applicants with physical impairment are highly encouraged to contact Temasek Polytechnic for more information.*
- Ⓐ *Allocation of options/ electives/ specialisations will depend on students fulfilling the prerequisite of completing selected modules, meeting criteria, and also availability of places in the respective courses.*

# ENTRY REQUIREMENTS OF COURSES TO INSTITUTE OF TECHNICAL EDUCATION



Institute of Technical Education

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

The “**Net Aggregate Range for Previous (2023) JAE**” in the table below shows the **net aggregate scores of the highest to lowest ranked students who were admitted to these courses in the 2023 Joint Admissions Exercise (JAE)**. These aggregate scores are meant as a reference for applicants applying to these courses, and **do not** constitute the admission scores for subsequent admission exercises. The net aggregate scores for the courses are not pre-determined by MOE or ITE before posting. The eventual course aggregate scores for the 2024 JAE may vary from previous years, depending on students’ GCE O-Level examination results and their course choices during the JAE.

Find out about each course at [www.moe.gov.sg/coursefinder](http://www.moe.gov.sg/coursefinder).

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	Grade
<b>APPLIED &amp; HEALTH SCIENCES</b>						
Applied Food Science ① <i>(New course in JAE)</i>	ITE College East	V31	ELR2B2-C	-	a) English Language	1-8
Bio-Chemical Technology <b>This is a new course which has been formed from the merger of the following courses that will no longer be offered for the 2024 intake:</b>	ITE College East	V18	ELR2B2-C	-	b) Mathematics (Elementary/Additional)	1-7
					c) One of the following subjects:	1-8
					<ul style="list-style-type: none"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Combined Science</li> <li>• Human &amp; Social Biology</li> <li>• Integrated Science</li> <li>• Physics</li> <li>• Engineering Science</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> <li>• Physical Science</li> <li>• Science (Physics, Biology, Chemistry)</li> </ul>	
Biotechnology						14 to 29
Chemical Technology						14 to 32
Chemical Process Technology ① <i>(New course in JAE)</i>	ITE College East	V32	ELR2B2-C	-		
Community Care & Social Services ② <i>(New course in JAE)</i>	ITE College East	V33	ELR2B2-C	-		
Nursing ③ <i>(New course in JAE)</i>	ITE College East	V34	ELR2B2-C	-		
Opticianry ④ <i>(New course in JAE)</i>	ITE College East	V36	ELR2B2-C	-		



Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	Grade
<b>BUSINESS &amp; SERVICES</b>						
Retail & Online Business	ITE College Central	V66	ELR1B3-B	16 to 34	a) English Language	1-7
	ITE College East	V69	ELR1B3-B	-	b) Mathematics (Elementary/Additional) <b>or</b> Principles of Accounts *	1-8
	ITE College West	V76	ELR1B3-B	-	c) One other subject	1-7
Service Management	ITE College West	V62	ELR1B3-B	22 to 30	<b>Note:</b> * To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).	
Sport Management ⑤	ITE College Central	V12	ELR1B3-B	17 to 27		
	ITE College East	V19	ELR1B3-B	21 to 38		
	ITE College West	V85	ELR1B3-B	20 to 38		
Beauty & Wellness Management ⑤	ITE College East	V54	ELB4-A	14 to 38	a) English Language	1-7
Hairdressing & Salon Management <i>(New course in JAE)</i>	ITE College East	V53	ELB4-A	-	b) Any two other subjects 1-7	
					<b>Note:</b> To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).	
Passenger Services	ITE College Central	V82	ELB4-A	16 to 34		
	ITE College East	V80	ELB4-A	20 to 38		
Tourism <i>(Previously known as Leisure &amp; Travel Operations)</i> <b>Specialisations:</b> • Attraction Operations • Travel Operations	ITE College West	V65	ELB4-A	14 to 36		
<b>BUSINESS &amp; SERVICES (Conducted by the National Institute of Early Childhood Development in collaboration with ITE)</b>						
Early Childhood Education ⑥	ITE College Central	V42	ELB4-A	11 to 32	a) English Language	1-6
					b) Any two other subjects	1-7
					<b>Note:</b> To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).	

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	Grade
<b>DESIGN &amp; MEDIA</b>						
Filmmaking (Cinematography) ①	ITE College Central	V93	ELR1B3-B	18 to 27	a) English Language	1-7
Performance Production ①⑦	ITE College Central	V97	ELR1B3-B	13 to 36	b) Mathematics (Elementary/Additional) <b>or</b> Principles of Accounts *	1-8
					c) One other subject	1-7
					<b>Note:</b> * To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).	
Interactive Design ①	ITE College Central	V94	ELR1B3-B	15 to 37	a) English Language	1-8
					b) Mathematics (Elementary/Additional) <b>or</b> Principles of Accounts *	1-7
					c) One other subject	1-8
					<b>Note:</b> * To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).	
Visual Effects ①	ITE College Central	V15	ELR1B3-B	17 to 30		
Architectural Technology ①	ITE College Central	V10	ELR2B2-C	15 to 29	a) English Language	1-8
					b) Mathematics (Elementary/Additional)	1-7
					c) One of the following subjects:	1-8
					<ul style="list-style-type: none"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Combined Science</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Human &amp; Social Biology</li> <li>• Integrated Science</li> <li>• Physics</li> <li>• Engineering Science</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> <li>• Physical Science</li> <li>• Science (Physics, Biology, Chemistry)</li> </ul>	
Motion Graphics ①	ITE College Central	V14	ELB4-A	17 to 22	a) English Language	1-7
Visual Merchandising ①	ITE College Central	V55	ELB4-A	18 to 32	b) Any two other subjects	1-8
					<b>Note:</b> To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).	



Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	Grade
<b>ELECTRONICS &amp; INFO-COMM TECHNOLOGY</b>						
AI Applications	ITE College Central	V16	ELR2B2-C	20 to 34	a) English Language	1-8
	ITE College West	V25	ELR2B2-C	16 to 38	b) Mathematics (Elementary/Additional)	1-7
Business Information Systems	ITE College East	V49	ELR2B2-C	22 to 30	c) One of the following subjects:	1-8
Cyber & Network Security	ITE College Central	V22	ELR2B2-C	14 to 27	• Biology	
	ITE College East	V47	ELR2B2-C	19 to 37	• Biotechnology	
	ITE College West	V74	ELR2B2-C	17 to 35	• Chemistry	
Data Engineering	ITE College West	V20	ELR2B2-C	22 to 32	• Combined Science	
Electronics Engineering ① <b>Specialisations:</b> • AI & Automation: ITE College East, and ITE College West • Audio Visual Systems: ITE College Central • IoT & Communications: ITE College Central, ITE College East, and ITE College West • Microelectronics: ITE College Central	ITE College Central	V11	ELR2B2-C	17 to 34	• Computing / Computer Studies	
	ITE College East	V29	ELR2B2-C	31 to 35	• Design & Technology	
	ITE College West	V68	ELR2B2-C	28 to 29	• Electronics / Fundamentals of Electronics	
Immersive Applications & Game	ITE College Central	V17	ELR2B2-C	4 to 29	• Human & Social Biology	
IT Applications Development	ITE College Central	V61	ELR2B2-C	8 to 33	• Integrated Science	
	ITE College East	V87	ELR2B2-C	17 to 32	• Physics	
	ITE College West	V63	ELR2B2-C	13 to 29	• Engineering Science	
IT Systems & Networks	ITE College Central	V26	ELR2B2-C	21 to 33	• Science (Chemistry, Biology)	
	ITE College East	V30	ELR2B2-C	27 to 27	• Science (Physics, Biology)	
	ITE College West	V70	ELR2B2-C	23 to 29	• Science (Physics, Chemistry)	
Security System Integration ①	ITE College East	V79	ELR2B2-C	-	• Physical Science	
	ITE College West	V77	ELR2B2-C	21 to 33	• Science (Physics, Biology, Chemistry)	

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	Grade
<b>ENGINEERING</b>						
Civil & Structural Engineering Design	ITE College East	V23	ELR2B2-C	29 to 29	a) English Language	1-8
Electrical Engineering ①	ITE College East	V28	ELR2B2-C	18 to 33	b) Mathematics (Elementary/Additional)	1-7
	ITE College West	V67	ELR2B2-C	13 to 39	c) One of the following subjects:	1-8
Engineering with Business	ITE College Central	V84	ELR2B2-C	12 to 35	<ul style="list-style-type: none"> <li>• Biology</li> <li>• Biotechnology</li> <li>• Chemistry</li> <li>• Combined Science</li> <li>• Computing / Computer Studies</li> <li>• Design &amp; Technology</li> <li>• Electronics / Fundamentals of Electronics</li> <li>• Human &amp; Social Biology</li> <li>• Integrated Science</li> <li>• Physics</li> <li>• Engineering Science</li> <li>• Science (Chemistry, Biology)</li> <li>• Science (Physics, Biology)</li> <li>• Science (Physics, Chemistry)</li> <li>• Physical Science</li> <li>• Science (Physics, Biology, Chemistry)</li> </ul>	
Facility Management ①	ITE College East	V88	ELR2B2-C	25 to 31		
	ITE College West	V89	ELR2B2-C	20 to 32		
Integrated Mechanical & Electrical Design	ITE College East	V24	ELR2B2-C	28 to 28		
Landscape Management & Design ①	ITE College East	V60	ELR2B2-C	11 to 31		
Marine Engineering	ITE College Central	V71	ELR2B2-C	22 to 32		
Marine & Offshore Technology	ITE College Central	V72	ELR2B2-C	28 to 31		
Mechanical Engineering	ITE College Central	V21	ELR2B2-C	18 to 33		
	ITE College East	V35	ELR2B2-C	24 to 36		
	ITE College West	V78	ELR2B2-C	20 to 34		
Mechatronics Engineering ①	ITE College Central	V13	ELR2B2-C	12 to 35		
	ITE College West	V73	ELR2B2-C	21 to 30		
Offshore & Marine Engineering Design	ITE College Central	V75	ELR2B2-C	29 to 31		
Rapid Transit Engineering ①	ITE College West	V96	ELR2B2-C	12 to 28		
Robotics & Smart Systems ①	ITE College Central	V98	ELR2B2-C	22 to 36		
<b>HOSPITALITY</b>						
Hospitality Operations	ITE College West	V64	ELB4-A	14 to 37	a) English Language	1-7
					b) Any two other subjects	1-7
					<b>Note:</b> To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).	

## Note: (ITE)

Please refer to ITE's Admission Booklet or website [www.ite.edu.sg](http://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 All prospective healthcare students must be fully vaccinated against COVID-19 with a vaccine regime recognised in Singapore. Those who are Medically-Ineligible will be subjected to prevailing MOH and healthcare institutions' policies. Those who are Medically-Eligible but wish to remain unvaccinated may not be able to access the healthcare and community care settings to complete their Industry Attachment Module and meet the compulsory internship requirements necessary for graduation or their course completion may be delayed due to restrictions on internship posting to the industry.

Due to the special requirements of the healthcare profession and in the delivery of direct patient/client care, all applicants applying for 2-year Higher Nitec in Community Care & Social Services [V33] have to pass a pre-admission medical examination and be free from physical and mental handicap to ensure suitability. Whilst not comprehensive, the following medical conditions will lead to non-acceptance into the course:

- Epilepsy
- Legal Blindness
- Active Tuberculosis
- Profound Deafness
- Psychiatric Condition
- Uncontrolled Diabetes
- Uncontrolled Hypertension
- Uncontrolled Asthma
- Mobility Restricted (Hindering Performance)
- Physical Dependence upon Mobility Equipment

- ③ All prospective healthcare students must be fully vaccinated against COVID-19 with a vaccine regime recognised in Singapore. Those who are Medically-Ineligible will be subjected to prevailing MOH and healthcare institutions' policies. Those who are Medically-Eligible but wish to remain unvaccinated may not be able to access the healthcare and community care settings to complete their clinical posting and meet the clinical training requirement necessary for graduation or their course completion may be delayed due to restrictions on clinical training.

Due to the job-specific requirements of the healthcare profession in the delivery of direct patient care, all applicants applying for 2-year Higher Nitec in Nursing [V34] have to pass a pre-admission medical examination and fulfil 'Fitness to Practice Advisory' for nursing student stipulated by the Singapore Nursing Board:

### **FITNESS TO PRACTICE ADVISORY FOR NURSING STUDENTS**

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

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

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

Interested applicants with known condition(s) or unsure if their condition(s) may affect their ability to deliver safe and effective patient care are highly encouraged to contact ITE College East at [college\\_east@ite.edu.sg](mailto:college_east@ite.edu.sg) for more information.

- ④ Eyecare practitioners are required to provide care, consultation and management of a patient's vision through eye tests and effective communication. Therefore good interpersonal skills and good psychomotor ability is required. All applicants must possess the following abilities to perform direct eyecare on clients safely and effectively:
  - **Mental-Cognitive ability**, including interpersonal-communication, emotional-behavioural stability to function under stressful work environment, and provide safe eyecare to clients.
  - **Physical ability** to move around in a clinical/retail environment, including standing during service delivery.
  - **Auditory ability** to communicate with patients under normal speaking level sounds.
  - **Visual ability** to read small print on ophthalmic trial lenses and digital display on instruments.

Please refer to the Ministry of Health (MOH) website on “Fitness to Practice” for registered Opticians, stipulated by the Optometrists and Opticians Board. Interested applicants with such conditions are highly encouraged to contact ITE College East at college\_east@ite.edu.sg for more information.

- ⑤ Applicants applying for 2-year Higher Nitec in Beauty & Wellness Management [V54] or Higher Nitec in Sport Management [V12, V19, V85] have to pass a pre-admission medical examination.
- ⑥ Applicants applying for 2-year Higher Nitec in Early Childhood Education [V42] have to pass a pre-admission medical examination to enter the course. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children. More details on the medical examination can be found at [bit.ly/NIECmedical](http://bit.ly/NIECmedical).

The 2-year Higher Nitec in Early Childhood Education is awarded by the National Institute of Early Childhood Development (NIEC) in collaboration with Institute of Technical Education.

- ⑦ In line with industry requirements, applicants applying for 2-year 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.