

# COURSES OFFERED IN 2026 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	L1R5 net Aggregate Range for Previous (2025) JAE
	Course Code	L1R5 Net Aggregate Range for Previous (2025) JAE	Course Code	Net L1R5 Range for Previous (2025) JAE		
Anderson Serangoon Junior College	39A	7 to 11	39S	5 to 10	-	-
Anglo-Chinese Junior College	22A	3 to 9	22S	2 to 8	-	-
Anglo-Chinese School (Independent)	-	-	-	-	51I	2 to 5
Catholic Junior College	23A	7 to 13	23S	5 to 12	-	-
Dunman High School	44A	3 to 8	44S	4 to 7	-	-
Eunoia Junior College	38A	2 to 6	38S	2 to 5	-	-
Hwa Chong Institution	24A	2 to 5	24S	2 to 4	-	-
Jurong Pioneer Junior College	40A	10 to 15	40S	6 to 14	-	-
Nanyang Junior College	26A	2 to 7	26S	2 to 5	-	-
National Junior College	27A	5 to 8	27S	3 to 7	-	-
Raffles Institution	28A	2 to 5	28S	2 to 3	-	-
River Valley High School	45A	7 to 9	45S	4 to 8	-	-
St. Andrew's Junior College	30A	6 to 10	30S	4 to 9	-	-
St. Joseph's Institution	-	-	-	-	52I	2 to 6
Tampines Meridian Junior College	41A	9 to 13	41S	6 to 12	-	-
Temasek Junior College	32A	6 to 8	32S	2 to 7	-	-
Victoria Junior College	33A	3 to 8	33S	2 to 6	-	-
Yishun Innova Junior College	42A	5 to 19	42S	7 to 18	-	-

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

School Name	A-Level					
	Arts		Commerce		Science	
	Course Code	Net L1R4 Range for Previous (2025) JAE	Course Code	Net L1R4 Range for Previous (2025) JAE	Course Code	Net L1R4 Range for Previous (2025) JAE
Millennia Institute	43A	7 to 19	43C	11 to 19	43S	5 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.

The “**Net ELR2B2 Range for Previous (2025) 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 2025 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 2026 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 (2025) JAE	Minimum Entry Requirements															
APPLIED SCIENCES																			
Applied Chemistry	C45	ELR2B2-C	5 to 10	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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 (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)	Additional Mathematics / Mathematics	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 (Physics, Biology)</li><li>• Science (Chemistry, Biology)</li><li>• Science (Physics, Chemistry)</li></ul>	
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Biologics & Process Technology	C49	ELR2B2-C	8 to 11																
Biomedical Science with Analytics (New Course in JAE)	C25	ELR2B2-C	-																
Chemical & Pharmaceutical Technology	C73	ELR2B2-C	10 to 13																
Common Science Programme	C27	ELR2B2-C	8 to 12																
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>• Biomedical Science with Analytics</li><li>• Chemical &amp; Pharmaceutical Technology</li><li>• Food Science &amp; Nutrition</li><li>• Pharmaceutical Science</li></ul>																			

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Food Science & Nutrition	C69	ELR2B2-C	4 to 12	<u>Subject</u>	<u>Grade</u>
Pharmaceutical Science	C65	ELR2B2-C	7 to 10	a) English Language	1-7
				b) Additional Mathematics / Mathematics	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 (Physics, Biology)</li><li>• Science (Chemistry, Biology)</li><li>• Science (Physics, Chemistry)</li></ul>	
BUILT ENVIRONMENT					
Architecture	C38	ELR2B2-C	8 to 14	<u>Subject</u>	<u>Grade</u>
				a) English Language	1-7
				b) Additional Mathematics / Mathematics	1-6
				c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
BUSINESS & MANAGEMENT					
Accountancy & Finance	C98	ELR2B2-B	5 to 12	<u>Subject</u>	<u>Grade</u>
				a) English Language	1-6
				b) Additional Mathematics / Mathematics	1-6
Banking & Finance	C96	ELR2B2-B	3 to 11	c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6
Business Management	C94	ELR2B2-B	5 to 15		
<b>Specialisations:</b>					
<ul style="list-style-type: none"><li>• Artificial Intelligence (AI) &amp; Business Digitalisation</li><li>• Business Psychology</li><li>• Human Capital Management</li><li>• International Business Management</li><li>• E-Commerce and Retail Management</li><li>• Marketing &amp; Digital Communication</li><li>• Supply Chain &amp; Logistics Management</li></ul>					

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
<b>Common Business Programme</b>  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	7 to 14	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	<u>Grade</u> 1-6 1-6 1-6
<b>Food &amp; Beverage Business</b>  <b>Specialisations:</b> <ul style="list-style-type: none"> <li>Food &amp; Beverage Management</li> <li>Culinary Arts</li> </ul>	C46	ELR2B2-B	5 to 16		
<b>Hospitality &amp; Tourism Management</b>	C67	ELR2B2-B	10 to 16		
<b>Media &amp; Communication Management</b> ⑥ <i>(Previously known as Mass Media Management)</i>	C93	ELR2B2-B	5 to 13		
<b>Sport &amp; Wellness Management</b>	C81	ELR2B2-B	7 to 14		
<b>Business &amp; Financial Technology</b>	C35	ELR2B2-C	6 to 14	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	<u>Grade</u> 1-7 1-6 1-6
<b>ENGINEERING</b>					
<b>Advanced &amp; Digital Manufacturing</b>	C62	ELR2B2-C	13 to 26	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the following subjects: <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>	<u>Grade</u> 1-7 1-6 1-6

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements															
Aerospace Engineering ⑤  <b>Specialisations:</b> <ul style="list-style-type: none"><li>Aerospace (Mechanical)</li><li>Aerospace (Avionics)</li></ul>	C26	ELR2B2-C	7 to 16	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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 (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)	Additional Mathematics / Mathematics	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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AI & Data Engineering	C31	ELR2B2-C	6 to 13																
Biomedical Engineering ①	C71	ELR2B2-C	7 to 12																
Cloud Engineering ①  <i>(Previously known as Infocomm &amp; Media Engineering)</i>  <b>Specialisations:</b> <ul style="list-style-type: none"><li>Cloud Infrastructure &amp; Services</li><li>Digital Solutioning &amp; Technologies</li></ul>	C75	ELR2B2-C	10 to 25																
Common Business & Technology Programme ⑦  <i>(New Course in JAE)</i>  The first semester is common to all students and they will opt for one of the following paths at the end of semester 1: <b>Business Path</b> <ul style="list-style-type: none"><li>Business Management</li></ul> <b>Engineering Path</b> <ul style="list-style-type: none"><li>Common Engineering Programme</li></ul> and they will opt for one of the following Diploma courses at the end of semester 2: <ul style="list-style-type: none"><li>AI &amp; Data Engineering</li><li>Cloud Engineering ①</li><li>Sustainability in Engineering with Business</li></ul> <b>IT Path</b> <ul style="list-style-type: none"><li>Common ICT Programme</li></ul> and they will opt for one of the following Diploma courses at the end of semester 2: <ul style="list-style-type: none"><li>Applied AI &amp; Analytics</li><li>Business &amp; Financial Technology</li><li>Cybersecurity &amp; Digital Forensics</li><li>Information Technology</li></ul>	C24	ELR2B2-C																	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements															
Common Engineering Programme ⑦  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>Advanced &amp; Digital Manufacturing</li><li>Aerospace Engineering ⑤</li><li>AI &amp; Data Engineering</li><li>Biomedical Engineering ①</li><li>Cloud Engineering ①</li><li>Electronic &amp; Computer Engineering ①</li><li>Robotics &amp; Mechatronics</li><li>Sustainability in Engineering with Business</li></ul>	C42	ELR2B2-C	6 to 25	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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 (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)	Additional Mathematics / Mathematics	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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Electronic & Computer Engineering ①	C89	ELR2B2-C	9 to 22																
Robotics & Mechatronics  <b>Specialisations:</b> <ul style="list-style-type: none"><li>Wafer Fabrication Technology</li><li>Automation &amp; Robotics Technology</li></ul>	C87	ELR2B2-C	4 to 25																
Sustainability in Engineering with Business	C41	ELR2B2-C	6 to 14																
<b>HEALTH SCIENCES</b>																			
Nursing ②	C97*	ELR2B2-C	6 to 28	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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 (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)	Additional Mathematics / Mathematics	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 (Physics, Biology)</li><li>Science (Chemistry, Biology)</li><li>Science (Physics, Chemistry)</li></ul>	
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Oral Health Therapy ③	C72	ELR2B2-C	7 to 9																

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

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HUMANITIES					
Social Work	C47	ELR2B2-A	9 to 14	<div><div>Subject</div><div>Grade</div></div> <div>a) English Language1-6</div> <div>b) Additional Mathematics / Mathematics1-7</div> <div>c) Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type1-6</div>	
INFORMATION & DIGITAL TECHNOLOGIES					
Applied AI & Analytics	C43	ELR2B2-C	5 to 9	<div><div>Subject</div><div>Grade</div></div> <div>a) English Language1-7</div> <div>b) Additional Mathematics / Mathematics1-6</div> <div>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type1-6</div>	
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:  <div><div>• Applied AI &amp; Analytics</div><div>• Business &amp; Financial Technology</div><div>• Cybersecurity &amp; Digital Forensics</div><div>• Information Technology</div></div>	C36	ELR2B2-C	6 to 16		
Cybersecurity & Digital Forensics	C54	ELR2B2-C	5 to 11		
Game Development & Technology	C70	ELR2B2-C	6 to 14		
Information Technology  <b>Specialisations:</b> <div><div>• Artificial Intelligence</div><div>• Cloud Computing</div><div>• Cyber Security</div><div>• Modern Application</div></div>	C85	ELR2B2-C	7 to 16		
MEDIA & DESIGN					
Animation, Games & Visual Effects ④  <b>Specialisations:</b> <div><div>• Animation</div><div>• Games</div><div>• Visual Effects</div></div>	C29	ELR2B2-D	3 to 12	<div><div>Subject</div><div>Grade</div></div> <div>a) English Language1-7</div> <div>b) Additional Mathematics / Mathematics1-7</div> <div>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type1-6</div>	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements													
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:  • Animation, Games & Visual Effects • Communication & Motion Design • Experiential Product & Interior Design	C28	ELR2B2-D	9 to 16	<table><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>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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															
b)	Additional Mathematics / Mathematics	1-7															
c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6															
Communication & Motion Design ④  <b>Specialisations:</b> • Communication Design • Motion Design	C30	ELR2B2-D	6 to 15														
Experiential Product & Interior Design ④  <b>Specialisations:</b> • Interactive Experience • 3D Experience	C32	ELR2B2-D	10 to 17														



**Note: (Nanyang Polytechnic)**

- ① *Applicants with colour vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with this condition are highly encouraged to contact Nanyang Polytechnic 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 subject to prevailing MOH and healthcare institutions' guidelines. Those who are medically eligible and choose 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.*

*As the delivery of direct patient care is a requisite of healthcare professions, all applicants to pre-registration/ pre-enrolment nursing programmes 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) *understand and respond to verbal communications accurately, appropriately and in a timely manner*
  - b) *possess awareness of one's surroundings to avoid causing harm to oneself and others*
  - c) *demonstrate emotional stability to function under stress and pressure when performing care on patients*
  - d) *remain calm when being observed by instructors and other health care personnel during clinical practice attachments*
  - e) *maintain a sufficient level of concentration to complete tasks in a safe and reasonable time frame*
  - f) *recall relevant information*
  - g) *demonstrate the ability to perform arithmetic calculations*
- *Physical ability to:*
  - a) *move around in the clinical environment, walk, stand, bend, squat, kneel, reach, lift, climb, push and pull, carry objects, use both arms*
  - b) *perform patient transfers*
  - c) *operate and carry instruments, materials and equipment independently*
  - d) *perform the necessary sequences of hand-eye coordination to carry out clinical procedures*
  - e) *have the physical stamina to complete clinical shifts, including rotating shifts*
- *Auditory ability to:*
  - a) *detect faint body sounds (e.g. blood pressure, heart, bowel, lung sounds using a stethoscope)*
  - b) *hear different types of auditory alarms and alerts (e.g. patient monitors, call bells, infusion pumps)*
  - c) *hear and understand normal speaking level sounds in both quiet and noisy environments (e.g. person-to-person report, patient conversations, team communications)*
- *Visual ability to:*
  - a) *detect changes in physical appearance, colour and contour*
  - b) *read medication/drug labels, markings on syringes, printed and written documents, coloured digital readings on medical/clinical devices and electronic health records accurately*
  - c) *assess and describe colour, consistency and volume of bodily discharge and fluids*

*Should applicants have conditions<sup>1</sup> that may affect their ability to meet the mental-cognitive, physical, auditory, or visual requirements outlined above, please contact the nursing school for further information. Where applicable, the nursing school will advise or assist with regard to the necessary adjustments to support students with declared condition(s) to access the nursing programme while adhering to necessary requirements and standards.*

*The above required abilities are stipulated in consultation with the Ministry of Health, Ministry of Education, and nursing schools (National University of Singapore/ Singapore Institute of Technology/ Nanyang Polytechnic/ Ngee Ann Polytechnic/ Institute of Technical Education), to ensure nursing students are fit to complete all components of the nursing programme and thereafter to apply for registration/ enrolment to practise upon graduation from the nursing programme.*

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

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  - g) demonstrate the ability to perform arithmetic calculations
- Physical ability to:
  - a) move around in the clinical environment, walk, stand, bend, squat, kneel, reach, lift, climb, push and pull, carry objects, use both arms
  - b) perform patient transfers
  - c) operate and carry instruments, materials and equipment independently
  - d) perform the necessary sequences of hand-eye coordination to carry out clinical procedures
  - e) have the physical stamina to complete clinical shifts, including rotating shifts
- Auditory ability to:
  - a) detect faint body sounds (e.g. blood pressure, heart, bowel, lung sounds using a stethoscope)
  - b) hear different types of auditory alarms and alerts (e.g. patient monitors, call bells, infusion pumps)
  - c) hear and understand normal speaking level sounds in both quiet and noisy environments (e.g. person-to-person report, patient conversations, team communications)
- Visual ability to:
  - a) detect changes in physical appearance, colour and contour
  - b) read medication/drug labels, markings on syringes, printed and written documents, coloured digital readings on medical/clinical devices and electronic health records accurately
  - c) assess and describe colour, consistency and volume of bodily discharge and fluids

Should applicants have conditions<sup>1</sup> that may affect their ability to meet the mental-cognitive, physical, auditory, or visual requirements outlined above, please contact Nanyang Polytechnic for further information.

- ④ Applicants with severe colour vision deficiency may encounter difficulties in some modules with high reliance on colour usage. Such applicants may be required to attend an interview to determine their suitability for admission to the course. Interested applicants with this condition are highly encouraged to contact Nanyang Polytechnic for more information.
- ⑤ Applicants with colour vision deficiency, hearing and/or 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.
- ⑥ Applicants with colour vision deficiency, severe vision deficiency or hearing 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.
- ⑦ Students opting for any courses in the common entry programme must ensure that they satisfy the requirements as stated in the footnotes under the respective courses.

<sup>1</sup> *'Physical health condition' includes (a) chronic medical illnesses or dermatological conditions (e.g. uncontrolled epilepsy, uncontrolled asthma, active tuberculosis, uncontrolled diabetes, uncontrolled hypertension, severe eczema on hands) which if associated with an exacerbation or with organ dysfunction complications, may hinder the applicant's ability to provide appropriate and safe clinical care, as well as (b) health conditions or its sequelae which restrict the applicant's subsequent ability to engage in safe clinical practice.*

*'Mental health conditions' refers to a range of conditions which are diagnosed and treated by a registered psychiatrist, and which may affect the decision-making ability of the applicant and compromise the well-being and safety of his patients/clients. These could include anxiety disorders, mood disorders (e.g. depressive and bipolar disorders), psychotic disorders (e.g. schizophrenia), neurodevelopmental disorders (e.g. intellectual development disorder, autism spectrum disorder, attention deficit hyperactivity disorder), as well as addictions.*

*'Other health conditions' refers to other conditions which may compromise the ability of the applicant to assess relevant information in order to formulate a management plan for his patient/client. This may include miscellaneous conditions for example dyslexia and other learning disorders, colour blindness or other conditions compromising the function of the applicant's visual and auditory senses.*

# 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.

The “**Net ELR2B2 Range for Previous (2025) 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 2025 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 2026 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 (2025) JAE	Minimum Entry Requirements																																				
APPLIED SCIENCES																																								
Biomedical Science  At the end of the first year, students will opt for one of the following:  • Medical Bioscience Track • Clinical Laboratory Science Track • Integrated Clinical Training Programme	N59	ELR2B2-C	4 to 7	<table><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>Additional Mathematics / Mathematics</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 (Chemistry, Biology)</td><td></td></tr><tr><td></td><td>• Science (Physics, 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)	Additional Mathematics / Mathematics	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)	
	<u>Subject</u>	<u>Grade</u>																																						
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	• Science (Chemistry, Biology)																																							
	• Science (Physics, Biology)																																							
	• Science (Physics, Chemistry)																																							
Common Science Programme ①  At the end of the first semester, students will opt for one of the following Diploma courses:  • Biomedical Science • Pharmaceutical Science ①	N15	ELR2B2-C	5 to 9																																					
Pharmaceutical Science ①	N73	ELR2B2-C	3 to 9																																					

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements															
Chemical & Biomolecular Engineering  In the final year, students will opt for one of the following:  ▪ Sustainable Energy & Chemistry Track ▪ Biopharmaceutical Track	N56	ELR2B2-C	6 to 12	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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 Science & Sustainability  <i>(Previously known as Environmental &amp; Water Technology)</i>	N74	ELR2B2-C	5 to 16																
Landscape Design & Horticulture	N57	ELR2B2-D	6 to 17	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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>		Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	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)	Additional Mathematics / Mathematics	1-7																	
c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6																	
BUILT ENVIRONMENT																			
Hotel & Leisure Facilities Management ② ③	N40	ELR2B2-C	12 to 16	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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 (2025) JAE	Minimum Entry Requirements	
BUSINESS & MANAGEMENT					
Accountancy  [A choice to complete a 6-month local/overseas internship with two elective modules or a 1-year internship (JobReady Programme)]	N51	ELR2B2-B	4 to 11	<div><div>Subject</div><div>Grade</div></div> <div>a) English Language1-6</div> <div>b) Additional Mathematics / Mathematics1-6</div> <div>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type1-6</div>	
Arts Business Management	N91	ELR2B2-B	7 to 13		
Banking & Finance  [A choice to complete a 6-month local/overseas internship with two elective modules or a 1-year internship (JobReady Programme)]	N53	ELR2B2-B	4 to 9		
Business Studies  <b>Specialisations:</b> <ul style="list-style-type: none"><li>• Entrepreneurship</li><li>• Human Capital Management</li><li>• Marketing</li></ul> [A choice to complete a 6-month local/overseas internship with two elective modules or a 1-year internship (JobReady Programme)]	N45	ELR2B2-B	5 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> [A choice to complete a 6-month local/overseas internship with two elective modules or a 1-year internship (JobReady Programme)]	N97	ELR2B2-B	5 to 10		
International Trade & Business  [A choice to complete a 6-month local/overseas internship with two elective modules or a 1-year internship (JobReady Programme)]	N85	ELR2B2-B	6 to 12		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements										
Real Estate Business	N48	ELR2B2-B	11 to 14	<table><thead><tr><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a) English Language</td><td>1-6</td></tr><tr><td>b) Additional Mathematics / Mathematics</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) Additional Mathematics / Mathematics	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													
a) English Language	1-6													
b) Additional Mathematics / Mathematics	1-6													
c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6													
Tourism & Resort Management  [A choice to complete a 6-month local/overseas internship with two elective modules or a 1-year internship (JobReady Programme)]	N72	ELR2B2-B	9 to 14											
ENGINEERING														
Aerospace Engineering ① ② ④  <b>Specialisations:</b> <ul style="list-style-type: none"><li>• Avionics</li><li>• Mechanical</li></ul>	N65	ELR2B2-C	7 to 14	<table><thead><tr><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a) English Language</td><td>1-7</td></tr><tr><td>b) Additional Mathematics / Mathematics</td><td>1-6</td></tr><tr><td>c) Any one of the following subjects:</td><td>1-6</td></tr><tr><td colspan="2"><ul style="list-style-type: none"><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></tr></tbody></table>	Subject	Grade	a) English Language	1-7	b) Additional Mathematics / Mathematics	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>	
Subject	Grade													
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Biomedical Engineering ① ② ④	N60	ELR2B2-C	7 to 11											
Common Engineering Programme ① ② 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>• Aerospace Engineering (Mechanical Option) ① ② ④</li><li>• Aerospace Engineering (Avionics Option) ① ② ④</li><li>• Biomedical Engineering ① ② ④</li><li>• Electrical Engineering ① ② ④</li><li>• Electronic &amp; Computer Engineering ① ② ④</li><li>• Engineering Science ① ② ④</li><li>• Mechanical Engineering ② ④</li><li>• Mechatronics &amp; Robotics ① ② ④</li><li>• Offshore &amp; Sustainable Engineering ② ④</li></ul>	N71	ELR2B2-C	5 to 20											
Electrical Engineering ① ② ④  <b>Specialisations:</b> <ul style="list-style-type: none"><li>• Smart Energy System</li><li>• Sustainable Power Engineering</li></ul>	N43	ELR2B2-C	13 to 22											

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Electronic & Computer Engineering ① ② ④  <b>Specialisations:</b> <ul style="list-style-type: none"><li>Artificial Intelligence of Things</li><li>Microelectronics</li></ul>	N44	ELR2B2-C	8 to 20	a) English Language b) Additional Mathematics / Mathematics c) Any one of the following subjects:	<u>Subject</u>  <u>Grade</u> 1-7 1-6 1-6
Engineering Science ① ② ④  <b>Specialisations:</b> <ul style="list-style-type: none"><li>AI for Autonomous Systems</li><li>Data Analytics &amp; Security</li></ul>	N93	ELR2B2-C	5 to 10	<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>	
Mechanical Engineering ② ④  <b>Specialisations:</b> <ul style="list-style-type: none"><li>Automation Design Engineering</li><li>Mobility Design Engineering</li></ul>	N41	ELR2B2-C	6 to 22		
Mechatronics & Robotics ① ② ④  <b>Specialisations:</b> <ul style="list-style-type: none"><li>Automation &amp; Industrial Cybersecurity</li><li>Autonomous Systems</li></ul>	N50	ELR2B2-C	12 to 23		
<b>HEALTH SCIENCES</b>					
Nursing ⑤	N69*	ELR2B2-C	5 to 28	a) English Language b) Additional Mathematics / Mathematics c) Any one of the following subjects:	<u>Subject</u>  <u>Grade</u> 1-7 1-6 1-6
Optometry ② ⑥	N83	ELR2B2-C	8 to 11	<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>	

\* 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 (2025) JAE	Minimum Entry Requirements								
HUMANITIES												
Chinese Studies ⑧  <b>Specialisations:</b> <ul style="list-style-type: none"><li>Education</li><li>Business</li></ul>	N70	ELR2B2-A	5 to 15	<table><thead><tr><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a) English Language</td><td>1-6</td></tr><tr><td>b) 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 Additional Mathematics / Mathematics.</i></p>	Subject	Grade	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
Subject	Grade											
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											
Psychology & Community Development  <b>Specialisations:</b> <ul style="list-style-type: none"><li>Youth</li><li>Seniors</li><li>Disabilities</li></ul>	N11	ELR2B2-A	3 to 11	<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) Additional Mathematics / Mathematics</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) Additional Mathematics / Mathematics	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) Additional Mathematics / Mathematics	1-7											
c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6											
HUMANITIES (Conducted by the National Institute of Early Childhood Development in collaboration with Ngee Ann Polytechnic)												
Early Childhood Development & Education ⑦  <b>Track:</b> <ul style="list-style-type: none"><li>Early Intervention</li><li>Mother Tongue Language Teaching – Chinese</li><li>Mother Tongue Language Teaching – Tamil</li></ul>	N96	ELR2B2-A	6 to 19	<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) 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 Additional Mathematics / Mathematics.</i></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
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											
Tamil Studies with Early Education ⑦ ⑧	N95	ELR2B2-A	13 to 21	<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 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 Additional Mathematics / Mathematics.</i></p>	Subject	Grade	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
Subject	Grade											
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 (2025) JAE	Minimum Entry Requirements	
INFORMATION & DIGITAL TECHNOLOGIES					
Applied AI & Analytics ②  (Previously known as Data Science)  <u>Specialisations:</u> <ul style="list-style-type: none"><li>Generative AI</li><li>Data Engineering</li></ul>	N81	ELR2B2-C	7 to 11	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	<u>Grade</u> 1-7 1-6 1-6
Common ICT Programme ②  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 ②</li><li>Computing with Law ②</li><li>Cybersecurity &amp; Digital Forensics ②</li><li>Information Technology ②</li></ul>	N98	ELR2B2-C	3 to 14		
Computing with Law ②  (New Course in JAE)	N16	ELR2B2-C	-		
Cybersecurity & Digital Forensics ②  <u>Specialisations:</u> <ul style="list-style-type: none"><li>AI for Cybersecurity</li><li>Cloud Security</li></ul>	N94	ELR2B2-C	4 to 11		
Information Technology ②  <u>Specialisations:</u> <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	6 to 15		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements																																										
MARITIME STUDIES																																														
Offshore & Sustainable Engineering ② ④	N42	ELR2B2-C	16 to 26	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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>• Computing / Computer Studies</td><td></td></tr><tr><td></td><td>• Design &amp; Technology</td><td></td></tr><tr><td></td><td>• Electronics / Fundamentals of Electronics</td><td></td></tr><tr><td></td><td>• Physics</td><td></td></tr><tr><td></td><td>• Science (Chemistry, Biology)</td><td></td></tr><tr><td></td><td>• Science (Physics, Biology)</td><td></td></tr><tr><td></td><td>• Science (Physics, Chemistry)</td><td></td></tr></tbody></table>		Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	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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MEDIA & DESIGN																																														
Chinese Media & Communication	N88	ELR2B2-A	6 to 14	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-6</td></tr><tr><td>b)</td><td>Higher Chinese <u>or</u> Chinese</td><td>1-4 1-3</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> <p><i>To be eligible for selection, students must also have sat for Additional Mathematics / Mathematics.</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																														
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Common Media Programme ① ② ③  At the end of the first semester, students will opt for one of the following Diploma courses:  • Film, Sound & Video ② ③ • Mass Communication • Media Post-Production ① ② ③  (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	4 to 12	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-6</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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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Mass Communication	N67	ELR2B2-A	4 to 11	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-4</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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	1-4	b)	Additional Mathematics / Mathematics	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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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Media Post-Production ① ② ③	N13	ELR2B2-A	7 to 14	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	<u>Grade</u> 1-6 1-7 1-6
Film, Sound & Video ② ③	N82	ELR2B2-A	6 to 12		
Design ② <u>Specialisations:</u> <ul style="list-style-type: none"> <li>Architecture</li> <li>Product Innovation</li> </ul>	N12	ELR2B2-D	3 to 13	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	<u>Grade</u> 1-7 1-7 1-6

### Note: (Ngee Ann Polytechnic)

- ① Applicants with colour vision deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with this condition 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 with this condition are advised to contact Ngee Ann Polytechnic for more information.
- ③ Applicants with hearing deficiency may encounter difficulties meeting the course requirements and expectations. Interested applicants with this condition are advised to contact Ngee Ann Polytechnic for more information.
- ④ 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.
- ⑤ 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 and choose 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.

As the delivery of direct patient care is a requisite of healthcare professions, all applicants applying for **N69 (Diploma in Nursing)** must pass a pre-admission 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) understand and respond to verbal communication accurately, appropriately and in a timely manner.
  - b) possess awareness of one's surroundings to avoid causing harm to oneself and others
  - c) demonstrate emotional stability to function under stress and pressure when performing care on patients
  - d) remain calm when being observed by instructors and other health care personnel during clinical practice attachments
  - e) maintain a sufficient level of concentration to complete tasks in a safe and reasonable time frame
  - f) recall relevant information
  - g) demonstrate the ability to perform arithmetic calculations
- **Physical ability** to:
  - a) move around in the clinical environment, walk, stand, bend, squat, kneel, reach, lift, climb, push and pull, carry objects, use both arms
  - b) perform patient transfers
  - c) operate and carry instruments, materials and equipment independently
  - d) perform the necessary sequences of hand-eye coordination to carry out clinical procedures
  - e) have the physical stamina to complete clinical shifts, including rotating shifts
- **Auditory ability** to:
  - a) detect faint body sounds (e.g. blood pressure, heart, bowel, lung sounds using a stethoscope
  - b) hear different types of auditory alarms and alerts (e.g. patient monitors, call bells, infusion pumps).
  - c) hear and understand normal speaking level sounds in both quiet and noisy environments (e.g. person-to-person report, patient conversations, team communications)
- **Visual ability** to:
  - a) detect changes in physical appearance, colour and contour
  - b) read medication/drug labels, markings on syringes, printed and written documents, coloured digital readings on medical/clinical devices and electronic health records accurately
  - c) assess and describe colour, consistency and volume of bodily discharge and fluids

Applicants with any conditions<sup>1</sup> that may affect their ability to meet the requirements outlined above should contact the nursing school for further information. Where applicable, the nursing school will advise or assist with regard to the necessary adjustments to support students with declared condition(s) to access the nursing programme while adhering to necessary requirements and standards.

The above required abilities are stipulated in consultation with the Ministry of Health, Ministry of Education, and nursing schools (National University of Singapore/ Singapore Institute of Technology/ Nanyang Polytechnic/ Ngee Ann Polytechnic/ Institute of Technical Education), to ensure nursing students are fit to complete all components of the nursing programme and thereafter to apply for registration/ enrolment to practise upon graduation from the nursing programme.

For the latest updates to the Fitness to Practise guidelines, please refer to the Singapore Nursing Board website at: <https://www.snb.gov.sg/for-professionals/guidelines-and-standards/#d21e3202193b2394e5c58dbb4b7812c5>

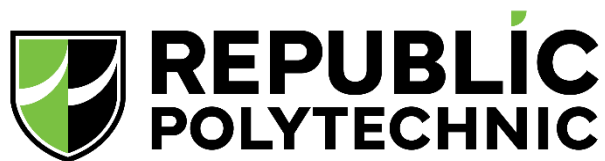
<sup>1</sup> 'Physical health condition' includes (a) chronic medical illnesses or dermatological conditions (e.g. uncontrolled epilepsy, uncontrolled asthma, active tuberculosis, uncontrolled diabetes, uncontrolled hypertension, severe eczema on hands) which if associated with an exacerbation or with organ dysfunction complications, may hinder the applicant's ability to provide appropriate and safe clinical care, as well as (b) health conditions or its sequelae which restrict the applicant's subsequent ability to engage in safe clinical practice.

'Mental health conditions' refers to a range of conditions which are diagnosed and treated by a registered psychiatrist, and which may affect the decision-making ability of the applicant and compromise the well-being and safety of his patients/clients. These could include anxiety disorders, mood disorders (e.g. depressive and bipolar disorders), psychotic disorders (e.g. schizophrenia), neurodevelopmental disorders (e.g. intellectual development disorder, autism spectrum disorder, attention deficit hyperactivity disorder), as well as addictions.

'Other health conditions' refers to other conditions which may compromise the ability of the applicant to assess relevant information in order to formulate a management plan for his patient/client. This may include miscellaneous conditions for example dyslexia and other learning disorders, colour blindness or other conditions compromising the function of the applicant's visual and auditory senses.

- ⑥ 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.
- ⑦ Applicants applying for **N95 (Diploma in Tamil Studies with Early Education)** and **N96 (Diploma in Early Childhood Development & Education)** have to pass a pre-admission medical examination. In addition, to ensure the well-being and safety of children, the Early Childhood Development Agency (ECDA) requires all pre-school staff to be certified medically fit to work with young children. More details on the medical examination can be found at [bit.ly/NIECmedical](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.
- ⑧ **N95 (Diploma in Tamil Studies with Early Education)** and **N70 (Diploma in Chinese Studies)**  
The Diploma in Tamil Studies with Early Education will allow graduates to teach in both Ministry of Education (MOE) primary schools as well as the Early Childhood sector – subject to additional industry-specific requirements. Applicants admitted to the Diploma in Chinese Studies who wish to teach in MOE primary schools should choose the **Education** specialisation option (at the end of Year 1).  
Applicants who are keen on a teaching career with the Ministry of Education (MOE) are encouraged to apply under a separate exercise administered by MOE. For more information, please visit [www.moe.gov.sg/careers/become-teachers](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.

The “**Net ELR2B2 Range for Previous (2025) 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 2025 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 2026 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 (2025) JAE	Minimum Entry Requirements																																				
APPLIED SCIENCES																																								
Applied Chemistry ①	R17	ELR2B2-C	12 to 15	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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 (Chemistry, Biology)</td><td></td></tr><tr><td></td><td>• Science (Physics, Biology)</td><td></td></tr><tr><td></td><td>• Science (Physics, Chemistry)</td><td></td></tr></tbody></table>		Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	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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Biological Sciences ① <b>Specialisations:</b> ④ • Biotechnology • Food & Agricultural Science	R16	ELR2B2-C	10 to 17																																					
Biomedical Science ① <b>Specialisations:</b> ④ • Biomedical Research • Medical Laboratory Technology	R14	ELR2B2-C	8 to 11																																					

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements																
Common Science Programme ① ⑦  At the end of semester 1, students will opt for one of the following Diplomas/Cluster: <ul style="list-style-type: none"><li>Applied Chemistry</li><li>Biological Sciences</li><li>Biomedical Science</li><li>Environmental &amp; Marine Science</li><li>Pharmaceutical Science</li><li>Biological Sciences Cluster</li></ul> For Biological Sciences Cluster, students will opt for one of the following Diplomas at the end of semester 2: <ul style="list-style-type: none"><li>Biological Sciences</li><li>Biomedical Science</li><li>Pharmaceutical Science</li></ul>	R59	ELR2B2-C	10 to 17	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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>			Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	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	R62	ELR2B2-C	6 to 12																	
Pharmaceutical Science ①  <b>Specialisations:</b> ④ <ul style="list-style-type: none"><li>Patient Care Practice</li><li>Pharmaceutical Industry Practice</li></ul>	R22	ELR2B2-C	10 to 17																	
<b>BUILT ENVIRONMENT</b>																				
Sustainable Built Environment	R61	ELR2B2-C	12 to 26	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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 (2025) JAE	Minimum Entry Requirements	
BUSINESS & MANAGEMENT					
Business  <b>Specialisations:</b> ④ • Banking & Finance • Digital Marketing • International Business	R60	ELR2B2-B	12 to 17	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	<u>Grade</u> 1-6 1-6 1-6
Common Business Programme ⑦  At the end of semester 1, students will opt for one of the following Diplomas/Clusters: • Business • Consumer Insights & Psychology • Events & Project Management • Hospitality & Tourism Management • Hotel & Leisure Management • Human Resource Management with Psychology • Restaurant & Culinary Management • Business Cluster • Hospitality Cluster  For Business Cluster, students will opt for one of the following Diplomas at the end of semester 2: • Business • Consumer Insights & Psychology • Human Resource Management with Psychology  For Hospitality Cluster, students will opt for one of the following Diplomas at the end of semester 2: • Events & Project Management • Hospitality & Tourism Management • Hotel & Leisure Management • Restaurant & Culinary Management	R57	ELR2B2-B	11 to 21		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements													
Consumer Insights & Psychology	R48	ELR2B2-B	14 to 18	<table><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>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	1-6	c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6
	<u>Subject</u>	<u>Grade</u>															
a)	English Language	1-6															
b)	Additional Mathematics / Mathematics	1-6															
c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6															
Events & Project Management	R28	ELR2B2-B	16 to 26														
Hospitality & Tourism Management  <b>Specialisations:</b> ④ <ul style="list-style-type: none"><li>Customer Experience &amp; Innovation</li><li>Sales &amp; Revenue Management</li><li>Sustainable Tourism</li></ul>	R66	ELR2B2-B	10 to 26														
Hotel & Leisure Management ③	R37	ELR2B2-B	15 to 26														
Human Resource Management with Psychology	R52	ELR2B2-B	13 to 17														
Restaurant & Culinary Management ③	R46	ELR2B2-B	15 to 26														

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Aviation Management	R39	ELR2B2-C	13 to 21	<div><div><div>Subject</div><div>Grade</div></div><div>a) English Language1-7</div><div>b) Additional Mathematics / Mathematics1-6</div><div>c) Any one of the following subjects:1-6</div><div><div><div></div></div><div>Biology</div><div>Biotechnology</div><div>Chemistry</div><div>Computing / Computer Studies</div><div>Design &amp; Technology</div><div>Electronics / Fundamentals of Electronics</div><div>Physics</div><div>Science (Chemistry, Biology)</div><div>Science (Physics, Biology)</div><div>Science (Physics, Chemistry)</div></div></div>	
Business Process & Engineering Management	R11	ELR2B2-C	7 to 26		
Supply Chain Management	R21	ELR2B2-C	14 to 26		
ENGINEERING					
Aerospace Engineering ① ③⑤⑧	R40	ELR2B2-C	14 to 23	<div><div><div>Subject</div><div>Grade</div></div><div>a) English Language1-7</div><div>b) Additional Mathematics / Mathematics1-6</div><div>c) Any one of the following subjects:1-6</div><div><div><div></div></div><div>Biology</div><div>Biotechnology</div><div>Chemistry</div><div>Computing / Computer Studies</div><div>Design &amp; Technology</div><div>Electronics / Fundamentals of Electronics</div><div>Physics</div><div>Science (Chemistry, Biology)</div><div>Science (Physics, Biology)</div><div>Science (Physics, Chemistry)</div></div></div>	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
<p>Common Engineering Programme ⑦⑧</p> <p>At the end of semester 1, students will opt for one of the following Diplomas/Clusters:</p> <ul style="list-style-type: none"> <li>Aerospace Engineering</li> <li>Aviation Management</li> <li>Business Process &amp; Engineering Management</li> <li>Electrical &amp; Electronic Engineering</li> <li>Engineering</li> <li>Mobility &amp; Robotic Systems</li> <li>Supply Chain Management</li> <li>Sustainable Built Environment</li> <li>Engineering Cluster</li> <li>Engineering Management Cluster</li> </ul> <p>For Engineering Cluster, students will opt for one of the following Diplomas at the end of semester 2:</p> <ul style="list-style-type: none"> <li>Aerospace Engineering</li> <li>Electronics &amp; Electrical Engineering</li> <li>Engineering</li> <li>Mobility &amp; Robotic Systems</li> <li>Sustainable Built Environment</li> </ul> <p>For Engineering Management Cluster, students will opt for one of the following Diplomas at the end of semester 2:</p> <ul style="list-style-type: none"> <li>Aviation Management</li> <li>Business Process &amp; Engineering Management</li> <li>Engineering</li> <li>Supply Chain Management</li> </ul>	R42	ELR2B2-C	13 to 26	<p><u>Subject</u></p> <p>a) English Language</p> <p>b) Additional Mathematics / Mathematics</p> <p>c) Any one of the following subjects:</p> <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>	<p><u>Grade</u></p> <p>1-7</p> <p>1-6</p> <p>1-6</p>

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements																
Electrical & Electronic Engineering ⑧ <b>Specialisations:</b> ④ <ul style="list-style-type: none"><li>Communications</li><li>Microelectronics</li></ul>	R50	ELR2B2-C	17 to 26	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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 <b>Specialisations:</b> ④ <ul style="list-style-type: none"><li>Innovation &amp; Design</li><li>Project Management</li><li>Sustainable Technology</li></ul>	R56	ELR2B2-C	11 to 25																	
Mobility & Robotic Systems	R54	ELR2B2-C	15 to 24																	
<b>HEALTH SCIENCES</b>																				
Common Sports & Health Programme ⑨  At the end of semester 1, students will opt for one of the following Diplomas/Clusters: <ul style="list-style-type: none"><li>Integrated Community Care</li><li>Outdoor Education</li><li>Sport Coaching</li><li>Sport &amp; Exercise Science</li><li>Sports &amp; Health</li><li>Health Cluster</li><li>Sports Cluster</li></ul> For Health Cluster, students will opt for one of the following Diplomas at the end of semester 2: <ul style="list-style-type: none"><li>Integrated Community Care</li><li>Sports &amp; Health</li></ul> For Sports Cluster, students will opt for one of the following Diplomas at the end of semester 2: <ul style="list-style-type: none"><li>Sport Coaching</li><li>Sport &amp; Exercise Science</li></ul>	R63	ELR2B2-C	15 to 26	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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>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>			Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	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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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Integrated Community Care ①③⑤	R45	ELR2B2-C	14 to 26	<div><u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the following subjects:<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></div>	<u>Grade</u> 1-7 1-6 1-6
Sport Coaching ③	R49	ELR2B2-C	9 to 25		
Sport & Exercise Science ③	R26	ELR2B2-C	7 to 15		
Sports & Health ①③⑤  <b>Specialisations:</b> ④ <ul style="list-style-type: none"><li>Health Coaching</li><li>Sports Management</li></ul>	R43	ELR2B2-C	15 to 26		
<b>HUMANITIES</b>					
Outdoor Education ②④	R33	ELR2B2-A	16 to 26	<div><u>Subject</u> a) English Language b) Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type  <i>To be eligible for selection, students must also have sat for Additional Mathematics / Mathematics.</i></div>	<u>Grade</u> 1-6 1-6 1-6
<b>MEDIA &amp; DESIGN</b>					
Mass Communication	R32	ELR2B2-A	13 to 18	<div><u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</div>	<u>Grade</u> 1-4 1-7 1-6

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements													
Common Arts, Media & Design Programme ⑩  At the end of semester 2, students will opt for one of the following Diplomas: <ul style="list-style-type: none"><li>Arts &amp; Entertainment Production Management</li><li>Digital Content Creation</li><li>Design</li><li>Sonic Arts</li></ul>	R65	ELR2B2-A	13 to 21	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-6</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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)	Additional Mathematics / Mathematics	1-7															
c)	Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6															
Arts & Entertainment Production Management ①⑥⑧	R25	ELR2B2-A	14 to 21														
Digital Content Creation ③	R19	ELR2B2-A	13 to 21														
Design ③⑧  <b>Specialisations:</b> ① <ul style="list-style-type: none"><li>Games &amp; Gamification</li><li>User Experience</li><li>Visual Communication</li></ul>	R67	ELR2B2-D	10 to 20	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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>		Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	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)	Additional Mathematics / Mathematics	1-7															
c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6															
Sonic Arts ③	R24	ELR2B2-D	10 to 19														
INFORMATION & DIGITAL TECHNOLOGIES																	
Applied AI & Analytics	R13	ELR2B2-C	13 to 26	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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>		Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	1-6	c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6	
	Subject	Grade															
a)	English Language	1-7															
b)	Additional Mathematics / Mathematics	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 ⑦  At the end of semester 2, students will opt for one of the following Diplomas: <ul style="list-style-type: none"><li>Applied AI &amp; Analytics</li><li>Cybersecurity &amp; Digital Forensics</li><li>Enterprise Cloud Computing &amp; Management</li><li>Financial Technology</li><li>Information Technology</li></ul>	R58	ELR2B2-C	14 to 26														

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements													
Cybersecurity & Digital Forensics	R55	ELR2B2-C	11 to 24	<table><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>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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)	Additional Mathematics / Mathematics	1-6															
c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6															
Enterprise Cloud Computing & Management	R12	ELR2B2-C	13 to 26														
Financial Technology	R18	ELR2B2-C	14 to 26														
Information Technology ⑪ <b>Specialisations:</b> ① <ul style="list-style-type: none"><li>Business Digitalisation</li><li>Full Stack Development</li><li>IT Solutions Management</li></ul>	R47	ELR2B2-C	12 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 should be confident in water while wearing personal flotation devices. This is 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 Education (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 Engineering Programme (R42), Common Business Programme (R57) or Common ICT Programme (R58) or Common Science Programme (R59) must ensure that they satisfy the requirements of the respective diplomas 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 & 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 Education (R33) are required to pass a stipulated discipline module and/or a general module for the diploma in lieu of fully meeting their minimum entry requirements.*
- ⑩ *Students admitted to the Common Arts, Media & Design 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 (R67) or the Diploma in Sonic Arts (R24) are required to pass a stipulated 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/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



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.

The “**Net ELR2B2 Range for Previous (2025) 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 2025 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 2026 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 (2025) JAE	Minimum Entry Requirements	
APPLIED SCIENCES					
Applied Chemistry	S64	ELR2B2-C	3 to 8	<u>Subject</u>	<u>Grade</u>
<u>Specialisations:</u>				a) English Language	1-7
• Industrial Chemistry				b) Additional Mathematics / Mathematics	1-6
• Materials Science				c) Any one of the following subjects:	1-6
• Pharmaceutical Science				• Biology	
				• Biotechnology	
				• Chemistry	
				• Food & Nutrition / Nutrition & Food Science	
				• Physics	
				• Science (Chemistry, Biology)	
				• Science (Physics, Biology)	
				• Science (Physics, Chemistry)	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements																
Biomedical Science  <u>Specialisations:</u> <ul style="list-style-type: none"><li>• Biotechnology</li><li>• Cardiac Technology</li><li>• Medical Technology</li></ul>	S98	ELR2B2-C	3 to 6	<table><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>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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	4 to 12	<table><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>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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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Common Science Programme  At the end of Year 1, students will opt for one of the following Diploma courses: <ul style="list-style-type: none"><li>• Applied Chemistry</li><li>• Biomedical Science</li><li>• Food Science &amp; Technology</li><li>• Perfumery &amp; Cosmetic Science</li></ul>	S28	ELR2B2-C	5 to 9	<table><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>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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>		
	<u>Subject</u>	<u>Grade</u>																		
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c)	Any one of the following subjects:	1-6																		
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Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Food Science & Technology	S47	ELR2B2-C	4 to 11	<u>Subject</u>	<u>Grade</u>
				a) English Language	1-7
				b) Additional Mathematics / Mathematics	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>	
Perfumery & Cosmetic Science	S38	ELR2B2-C	5 to 10		
BUILT ENVIRONMENT					
Architecture	S66	ELR2B2-D	5 to 15	<u>Subject</u>	<u>Grade</u>
				a) English Language	1-7
				b) Additional Mathematics / Mathematics	1-7
				c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6
Landscape Architecture	S94	ELR2B2-D	10 to 16		
Civil Engineering	S68	ELR2B2-C	6 to 22	<u>Subject</u>	<u>Grade</u>
				a) English Language	1-7
				b) Additional Mathematics / Mathematics	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>	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Facilities Management	S95	ELR2B2-D	14 to 18	<div><div>Subject</div><div>Grade</div></div> a) English Language1-7b) Additional Mathematics / Mathematics1-6c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type1-6	
Integrated Events & Project Management	S50	ELR2B2-D	5 to 15		
BUSINESS & MANAGEMENT					
Accountancy	S75	ELR2B2-B	5 to 11	<div><div>Subject</div><div>Grade</div></div> a) English Language1-6b) Additional Mathematics / Mathematics1-6c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type1-6	
Banking & Finance	S76	ELR2B2-B	5 to 10		
Business Administration	S71	ELR2B2-B	6 to 12		
<div><div>Specialisations:</div><div><div>• Digital Enterprise &amp; Innovation</div><div>• Digital Marketing &amp; Analytics</div><div>• International Trade &amp; Business</div></div></div>					
Common Business Programme	S31	ELR2B2-B	5 to 12		
<div>At the end of Year 1, students will opt for one of the following Diploma courses:</div> <div><div>• Accountancy</div><div>• Banking &amp; Finance</div><div>• Business Administration</div><div>• Human Resource Management with Psychology</div></div>					
Human Resource Management with Psychology	S48	ELR2B2-B	4 to 12		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
ENGINEERING					
Aeronautical Engineering ①	S88	ELR2B2-C	5 to 13	<div><div>Subject</div><div>Grade</div></div> <div>a) English Language1-7</div> <div>b) Additional Mathematics / Mathematics1-6</div> <div>c) Any one of the following subjects:1-6</div> <div><div><div></div></div><div>Biology</div></div> <div><div><div></div></div><div>Biotechnology</div></div> <div><div><div></div></div><div>Chemistry</div></div> <div><div><div></div></div><div>Computing / Computer Studies</div></div> <div><div><div></div></div><div>Design &amp; Technology</div></div> <div><div><div></div></div><div>Electronics / Fundamentals of Electronics</div></div> <div><div><div></div></div><div>Physics</div></div> <div><div><div></div></div><div>Science (Chemistry, Biology)</div></div> <div><div><div></div></div><div>Science (Physics, Biology)</div></div> <div><div><div></div></div><div>Science (Physics, Chemistry)</div></div>	
Aerospace Electronics ①	S90	ELR2B2-C	5 to 11		
Common Engineering Programme  At the end of the first semester, students will opt for one of the following Diploma courses:  <div><div></div><div>Aeronautical Engineering ①</div></div> <div><div></div><div>Aerospace Electronics ①</div></div> <div><div></div><div>Computer Engineering ②</div></div> <div><div></div><div>Electrical &amp; Electronic Engineering ③</div></div> <div><div></div><div>Engineering with Business ②</div></div> <div><div></div><div>Mechanical Engineering ②</div></div> <div><div></div><div>Mechatronics &amp; Robotics ②</div></div>	S40	ELR2B2-C	6 to 18		
Computer Engineering②  <b>Specialisations:</b> <div><div></div><div>Cloud Systems</div></div> <div><div></div><div>Computer Science</div></div> <div><div></div><div>Cyber Security</div></div> <div><div></div><div>IoT &amp; Intelligent Systems</div></div>	S53	ELR2B2-C	7 to 13		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) 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><li>• Sustainable Energy</li></ul>	S99	ELR2B2-C	4 to 16	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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 12																	
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	3 to 16																	
Mechatronics & Robotics ②	S73	ELR2B2-C	6 to 16																	
<b>HEALTH SCIENCES</b>																				
Optometry ④	S67	ELR2B2-C	6 to 11	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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>			Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	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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a)	English Language	1-7																		
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	<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>																			

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements													
INFORMATION & DIGITAL TECHNOLOGIES																	
Applied AI & Analytics	S30	ELR2B2-C	3 to 9	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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>			Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	1-6	c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
	Subject	Grade															
a)	English Language	1-7															
b)	Additional Mathematics / Mathematics	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  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>• Computer Science</li></ul>	S32	ELR2B2-C	5 to 14														
Cybersecurity & Digital Forensics  <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	3 to 10														
Computer Science  (Previously known as Information Technology)  <u>Specialisations:</u> <ul style="list-style-type: none"><li>• AI &amp; Analytics</li><li>• Cloud Computing &amp; Cybersecurity</li><li>• User Experience Design</li></ul>	S69	ELR2B2-C	5 to 16														
MARITIME STUDIES																	
Marine Engineering ⑤	S63	ELR2B2-C	7 to 21	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</td><td>1-6</td></tr><tr><td>c)</td><td>Any one of the following subjects:  <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>1-6</td></tr></tbody></table>			Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	1-6	c)	Any one of the following subjects:  <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>	1-6
	Subject	Grade															
a)	English Language	1-7															
b)	Additional Mathematics / Mathematics	1-6															
c)	Any one of the following subjects:  <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>	1-6															



Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Maritime Business	S74	ELR2B2-C	6 to 16	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	<u>Grade</u> 1-7 1-6 1-6
<b>MEDIA &amp; DESIGN</b>					
Interior Design	S89	ELR2B2-D	10 to 14	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type	<u>Grade</u> 1-7 1-7 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-A	5 to 12	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	<u>Grade</u> 1-6 1-7 1-6

**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)	Additional Mathematics / Mathematics	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>	
<b><u>Note:</u></b>		
<ul style="list-style-type: none"><li>• 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).</li><li>• Applicants must also pass the colour vision test as per The International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW). Any offer of admission will be conditional upon applicants showing proof of having passed the Maritime and Port Authority of Singapore (MPA) Sight Test which is conducted at the Singapore Polytechnic Optometry Centre or by General Practitioners.</li><li>• Applicants who successfully complete the colour vision test as specified in the STCW Convention indicated above, but do not meet the visual acuity requirements, may apply for conditional admission. To do so, they must sign a <b>Letter of Undertaking</b>, agreeing to abide by the conditions outlined in that document.</li><li>• Shortlisted candidates will be required to attend an interview conducted by the Singapore Maritime Academy. International students are required to find a <b>Singapore shipping company</b> of their choice that is prepared to offer them an internship for phase 2 of this course.</li></ul>		

# 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.

The “**Net ELR2B2 Range for Previous (2025) 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 2025 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 2026 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 (2025) JAE	Minimum Entry Requirements	
APPLIED SCIENCES					
Chemical Engineering ①④  <b>Specialisations:</b> ①A <ul style="list-style-type: none"><li>Applied Chemistry</li><li>Sustainable Energy and Chemical Production</li><li>Pharmaceutical and Biologics Manufacturing</li><li>Wafer Fabrication Process &amp; Equipment Technologies</li><li>Technical Sales &amp; Marketing</li><li>Structured Work-Based Learning</li></ul>	T33	ELR2B2-C	7 to 13	<div>Subject</div> <div>a) English Language</div> <div>b) Additional Mathematics / Mathematics</div> <div>c) Any one of the following subjects:<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></div>	<div>Grade</div> <div>1-7</div> <div>1-6</div> <div>1-6</div>
Common Science Programme ⑥  By the end of the Common Science Programme, students will opt for and be streamed into one of the following diplomas: <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 11		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) 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><li>Technical Sales &amp; Marketing</li><li>Structured Work-Based Learning</li></ul>	T26	ELR2B2-C	9 to 14	<div><div><div>Subject</div><div>Grade</div></div><div>a) English Language1-7</div><div>b) Additional Mathematics / Mathematics1-6</div><div>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></div></div>	
Medical Biotechnology ①④  <b>Specialisations:</b> ① <ul style="list-style-type: none"><li>Cardiology Technology</li><li>Clinical Laboratory Practice</li><li>Translational Biological Research</li><li>Pharmaceuticals and Biologics Manufacturing</li><li>Technical Sales &amp; Marketing</li><li>Structured Work-Based Learning</li></ul>	T64	ELR2B2-C	4 to 8		
Pharmaceutical Science ①④  <b>Specialisations:</b> ① <ul style="list-style-type: none"><li>Pharmaceuticals and Biologics Manufacturing</li><li>Pharmacy Practice</li><li>Technical Sales &amp; Marketing</li><li>Structured Work-Based Learning</li></ul>	T25	ELR2B2-C	4 to 10		
Veterinary Technology ①④  <b>Specialisations:</b> ① <ul style="list-style-type: none"><li>Aquaculture</li><li>Veterinary</li><li>Technical Sales &amp; Marketing</li><li>Structured Work-Based Learning</li></ul>	T45	ELR2B2-C	3 to 10		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Biomedical Engineering ①③④⑦  <b><u>Specialisations:</u></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	5 to 12	<div><div><u>Subject</u></div><div>a) English Language</div><div>b) Additional Mathematics / Mathematics</div><div>c) Any one of the following subjects:</div><div><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></div></div>	<div><u>Grade</u></div> <div>1-7</div> <div>1-6</div> <div>1-6</div>
BUILT ENVIRONMENT					
Architectural Technology & Building Services ③④  <b><u>Specialisations:</u></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	8 to 16	<div><div><u>Subject</u></div><div>a) English Language</div><div>b) Additional Mathematics / Mathematics</div><div>c) Any one of the following subjects:</div><div><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></div></div>	<div><u>Grade</u></div> <div>1-7</div> <div>1-6</div> <div>1-6</div>
Integrated Facility Management ④  <b><u>Specialisations:</u></b> <ul style="list-style-type: none"><li>• Smart Technologies in Facilities Management</li><li>• Sustainable Facilities Management Practices</li><li>• Project Management</li><li>• Workplace Safety and Health Management</li></ul>	T28	ELR2B2-C	5 to 17		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
BUSINESS & MANAGEMENT					
Accountancy & Finance	T02	ELR2B2-B	3 to 11	<div><div>Subject</div><div>Grade</div></div> <div>a) English Language1-6</div> <div>b) Additional Mathematics / Mathematics1-6</div> <div>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type1-6</div>	
Business <b>Specialisations:</b> ① <ul style="list-style-type: none"><li>Banking &amp; Finance</li><li>Human Resource</li><li>Business Operations &amp; Digitalisation</li></ul>	T10	ELR2B2-B	4 to 12		
Common Business Programme⑥  Students will opt for and stream to one of the following 7 Diplomas:  At the end of Semester 1.1 <ul style="list-style-type: none"><li>Dip in Culinary Arts &amp; Management ③④</li></ul> At the end of Semester 1.2 <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 ③④</li><li>Dip in Law &amp; Management</li><li>Dip in Marketing</li></ul> (Note: Students opting to join the Dip in Law & Management must obtain grade 1 to 4 for O-level English Language.)	T01	ELR2B2-B	7 to 13		
Culinary Arts & Management ③④  <i>(Previously known as Culinary &amp; Catering Management)</i>  <b>Specialisations:</b> ① <ul style="list-style-type: none"><li>Culinary Option</li><li>Baking &amp; Pastry Option</li></ul>	T18	ELR2B2-B	7 to 16		
Hospitality & Tourism Management	T08	ELR2B2-B	8 to 15		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
International Trade & Logistics ③④  <b>Specialisations:</b> ① • E-commerce Logistics • Manufacturing Logistics	T07	ELR2B2-B	12 to 14	<div><div><u>Subject</u></div><div>a) English Language</div><div>b) Additional Mathematics / Mathematics</div><div>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-B Aggregate Type</div></div>	<div><u>Grade</u> 1-6 1-6 1-6</div>
Marketing	T67	ELR2B2-B	5 to 13		
Aviation Management ③④  <b>Specialisations:</b> • Airport Management • Airline Business • Air Traffic Management • Flight Training & Operations	T04	ELR2B2-C	5 to 11	<div><div><u>Subject</u></div><div>a) English Language</div><div>b) Additional Mathematics / Mathematics</div><div>c) Any one of the following subjects: <div>• Biology • Biotechnology • Chemistry • Computing / Computer Studies • Design &amp; Technology • Electronics / Fundamentals of Electronics • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)</div></div></div>	<div><u>Grade</u> 1-7 1-6 1-6</div>
Business Process & Systems Engineering ①④  <b>Specialisations:</b> • Business Processes & Analytics • Systems Engineering & Simulation	T43	ELR2B2-C	10 to 15		
Communications & Media Management ③④  <b>Specialisations:</b> • Journalism • Integrated Media	T40	ELR2B2-A	6 to 13	<div><div><u>Subject</u></div><div>a) English Language</div><div>b) Additional Mathematics / Mathematics</div><div>c) Any one of the 1<sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type</div></div>	<div><u>Grade</u> 1-4 1-7 1-6</div>
Law & Management	T09	ELR2B2-A	6 to 11		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements															
ENGINEERING																			
Aerospace Electronics ②③④⑦  <b>Specialisations:</b> <ul style="list-style-type: none"><li>CAAS approved SAR-147 Licensed Aircraft Engineer Training</li><li>Flight Training</li><li>Avionic Systems</li></ul>	T50	ELR2B2-C	9 to 13	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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>	
	Subject	Grade																	
a)	English Language	1-7																	
b)	Additional Mathematics / Mathematics	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>																		
Aerospace Engineering ②③④⑦  <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	5 to 12																
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 ②③④⑦</li><li>Dip in Aerospace Engineering ②③④⑦</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 ①③④⑦</li><li>Dip in Computer Engineering ①③ ④⑦</li><li>Dip in Electronics ①③④⑦</li><li>Dip in Mechatronics ①③④⑦</li></ul>	T56	ELR2B2-C	7 to 19																
Computer Engineering ①③④⑦  <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><li>Full Stack Development</li></ul>	T13	ELR2B2-C	6 to 18																



Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements													
Electronics ①③④⑦ <b>Specialisations:</b> <ul style="list-style-type: none"><li>Aerospace Electronics</li><li>Semiconductor Technologies</li><li>Robotics</li><li>Industrial Artificial Intelligence</li><li>Sustainability in Engineering</li><li>Intralogistics and Cybersecurity</li></ul>	T65	ELR2B2-C	8 to 17	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-7</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</td><td>1-6</td></tr><tr><td>c)</td><td>Any one of the following subjects:<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>1-6</td></tr></tbody></table>		Subject	Grade	a)	English Language	1-7	b)	Additional Mathematics / Mathematics	1-6	c)	Any one of the following subjects: <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>	1-6	
	Subject	Grade															
a)	English Language	1-7															
b)	Additional Mathematics / Mathematics	1-6															
c)	Any one of the following subjects: <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>	1-6															
Mechatronics ①③④⑦ <b>Specialisations:</b> <ul style="list-style-type: none"><li>Aerospace Systems</li><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	7 to 13														
HUMANITIES																	
Social Sciences in Gerontology	T53	ELR2B2-A	9 to 13	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-6</td></tr><tr><td>b)</td><td>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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)	Additional Mathematics / Mathematics	1-7															
c)	Any one of the 1 <sup>st</sup> group of Relevant Subjects for the ELR2B2-A Aggregate Type	1-6															
Psychology Studies	T48	ELR2B2-A	4 to 9														
HUMANITIES (Conducted by the National Institute of Early Childhood Development in collaboration with Temasek Polytechnic)																	
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	9 to 17	<table><thead><tr><th></th><th>Subject</th><th>Grade</th></tr></thead><tbody><tr><td>a)</td><td>English Language</td><td>1-6</td></tr><tr><td>b)</td><td>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 Additional Mathematics / Mathematics.</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	
	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															

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
INFORMATION & DIGITAL TECHNOLOGIES					
Applied Artificial Intelligence ④  <b>Specialisations:</b> ① • Applied AI for Industry • Software and Analytics for Sustainability • Industry Practice • Business Development and Marketing	T69	ELR2B2-C	6 to 13	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	<u>Grade</u> 1-7 1-6 1-6
Big Data & Analytics ④  <b>Specialisations:</b> ① • Advanced Analytics • Software and Analytics for Sustainability • Industry Practice • Advanced Manufacturing Technology • Business Development and Marketing	T60	ELR2B2-C	8 to 12		
Common ICT Programme ⑥  The first year is common to all students and they will opt for one of the following diplomas at the end of Semester 1.2  • Dip in Applied Artificial Intelligence ④ • Dip in Big Data & Analytics ④ • Dip in Cybersecurity & Digital Forensics ④ • Dip in Immersive Media & Game Development ④ • Dip in Information Technology ④	T63	ELR2B2-C	9 to 18		
Cybersecurity & Digital Forensics ④  <b>Specialisations:</b> ① • Digital Forensics • Enterprise Security • Software and Analytics for Sustainability • Industry Practice • Advanced Manufacturing Technology • Business Development and Marketing	T62	ELR2B2-C	8 to 16		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements												
Immersive Media & Game Development ④  <b>Specialisations:</b> <ul style="list-style-type: none"><li>• Industry Practice</li><li>• Software and Analytics for Sustainability</li><li>• Immersive Technology and AI</li><li>• Business Development and Marketing</li></ul>	T58	ELR2B2-C	9 to 15	<table><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>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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)	Additional Mathematics / Mathematics	1-6														
c)	Any one of the 2 <sup>nd</sup> group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6														
Information Technology ④  <b>Specialisations:</b> ① <ul style="list-style-type: none"><li>• Business Analytics</li><li>• Fintech</li><li>• Software and Analytics for Sustainability</li><li>• Industry Practice</li><li>• Advanced Manufacturing Technology</li><li>• Business Development and Marketing</li></ul>	T30	ELR2B2-C	11 to 20													
<b>MEDIA &amp; DESIGN</b>																
Fashion Management and Design② ④⑦	T20	ELR2B2-D	6 to 12	<table><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>Additional Mathematics / Mathematics</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)	Additional Mathematics / Mathematics	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														
b)	Additional Mathematics / Mathematics	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 Programme⑥  The first semester is common to all students. Students will opt for and be streamed to one of the following diplomas at the end of Semester 1.1 <ul style="list-style-type: none"><li>• Dip in Communication Design② ④⑦</li><li>• Dip in Digital Film and Television②④⑦</li><li>• Dip in Fashion Management and Design②④⑦</li><li>• Dip in Interior Architecture &amp; Design②④⑦</li><li>• Dip in Product Experience &amp; Design ②③④⑦</li></ul>	T71	ELR2B2-D	5 to 14													

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2025) JAE	Minimum Entry Requirements	
Communication Design ②④⑦	T59	ELR2B2-D	5 to 11	<div><div><div>Subject</div><div>Grade</div></div><div><div>a) English Language</div><div>1-7</div></div><div><div>b) Additional Mathematics / Mathematics</div><div>1-7</div></div><div><div>c) Any one of the 2<sup>nd</sup> group of Relevant Subjects for the ELR2B2-D Aggregate Type</div><div>1-6</div></div></div>	
Digital Film & Television ②④⑦	T23	ELR2B2-D	6 to 13		
Interior Architecture & Design ②④⑦	T22	ELR2B2-D	7 to 12		
Product Experience & Design ②③④⑦	T35	ELR2B2-D	6 to 15		

**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. Applicants with impaired or limited motor functions may be assessed on a case-by-case basis to determine their suitability for the course. 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.

The “**Net Aggregate Range for Previous (2025) 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 2025 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 2026 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 (2025) JAE	Minimum Entry Requirements	
					Subject	Grade
BUSINESS & SERVICES						
Accounting	ITE College Central	V39	ELR1B3-B	18 to 29	a) English Language	1-7
	ITE College East	V27	ELR1B3-B	21 to 35	b) Additional Mathematics / Mathematics <b>or</b> Principles of Accounts *	1-8
	ITE College West	V90	ELR1B3-B	19 to 39	c) One other subject	1-7
Business Administration <b>Specialisations:</b> • Financial Services: ITE College Central, and ITE College East • Human Resource: ITE College Central, ITE College East, and ITE College West	ITE College Central	V91	ELR1B3-B	11 to 31	<b>Note:</b> * To be eligible for admission, you must also have sat for Additional Mathematics / Mathematics.	
	ITE College East	V52	ELR1B3-B	21 to 35		
	ITE College West	V92	ELR1B3-B	17 to 29		
Customer Experience	ITE College West	V62	ELR1B3-B	28 to 28		
Event Management	ITE College Central	V40	ELR1B3-B	13 to 37		
Logistics & Supply Chain Management	ITE College East	V81	ELR1B3-B	20 to 38		

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2025) JAE	Minimum Entry Requirements			
					Subject	Grade		
BUSINESS & SERVICES								
Retail & Online Business <b>Specialisations:</b> <ul style="list-style-type: none"><li>E-Commerce &amp; Digital Marketing: ITE College Central, ITE College East, and ITE College West</li><li>Wholesale Business: ITE College Central, and ITE College East</li></ul>	ITE College Central	V66	ELR1B3-B	18 to 37	a) English Language	1-7		
	ITE College East	V69	ELR1B3-B	22 to 34	b) Additional Mathematics / Mathematics <b>or</b> Principles of Accounts *	1-8		
	ITE College West	V76	ELR1B3-B	24 to 32	c) One other subject	1-7		
Sport Management ⑤	ITE College Central	V12	ELR1B3-B	20 to 27	<b>Note:</b> * To be eligible for admission, you must also have sat for Additional Mathematics / Mathematics.			
	ITE College East	V19	ELR1B3-B	22 to 30				
	ITE College West	V85	ELR1B3-B	20 to 30				
Beauty & Wellness Management ⑤	ITE College East	V54	ELB4-A	21 to 33	a) English Language	1-7		
Hairdressing & Salon Management	ITE College East	V53	ELB4-A	12 to 36	b) Any two other subjects	1-7		
Passenger Services	ITE College Central	V82	ELB4-A	20 to 37	<b>Note:</b> To be eligible for admission, you must also have sat for Additional Mathematics / Mathematics.			
	ITE College East	V80	ELB4-A	21 to 34				
Tourism <b>Specialisations:</b> <ul style="list-style-type: none"><li>Attraction Operations</li><li>Travel Operations</li></ul>	ITE College West	V65	ELB4-A	19 to 34				
BUSINESS & SERVICES (Conducted by the National Institute of Early Childhood Development in collaboration with ITE)								
Early Childhood Education ⑥	ITE College Central	V42	ELB4-A	20 to 36			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 Additional Mathematics / Mathematics.			

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2025) JAE	Minimum Entry Requirements	
					Subject	Grade
DESIGN & MEDIA						
Film & Video Production ①	ITE College Central	V93	ELR1B3-B	12 to 31	a) English Language b) Additional Mathematics / Mathematics <u>or</u> Principles of Accounts * c) One other subject	1-7 1-8 1-7
Technical Theatre & Production ①⑦	ITE College Central	V97	ELR1B3-B	19 to 38	<b>Note:</b> * To be eligible for admission, you must also have sat for Additional Mathematics / Mathematics.	
Communication Design ① <b>Specialisations:</b> <ul style="list-style-type: none"><li>• Graphic Design</li><li>• Animation &amp; Motion Graphics</li></ul>	ITE College Central	V95	ELB4-A	16 to 33	a) English Language b) Any two other subjects  <b>Note:</b> To be eligible for admission, you must also have sat for Additional Mathematics / Mathematics.	1-7 1-8
Interior & Product Design ①	ITE College Central	V99	ELB4-A	16 to 23		
Visual Merchandising ①	ITE College Central	V55	ELB4-A	16 to 41		



Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2025) JAE	Minimum Entry Requirements	
					Subject	Grade
ELECTRONICS & INFO-COMM TECHNOLOGY						
AI Applications	ITE College Central	V16	ELR2B2-C	9 to 29	a) English Language	1-8
	ITE College West	V25	ELR2B2-C	16 to 34	b) Additional Mathematics / Mathematics	1-7
Business Information Systems	ITE College East	V49	ELR2B2-C	16 to 37	c) One of the following subjects:	1-8
Cyber & Network Security	ITE College Central	V22	ELR2B2-C	14 to 30	• Biology	
	ITE College East	V47	ELR2B2-C	24 to 34	• Biotechnology	
	ITE College West	V74	ELR2B2-C	18 to 29	• Chemistry	
Data Engineering	ITE College West	V20	ELR2B2-C	11 to 28	• 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	23 to 35	• Computing / Computer Studies	
	ITE College East	V29	ELR2B2-C	23 to 32	• Design & Technology	
	ITE College West	V68	ELR2B2-C	24 to 28	• Electronics / Fundamentals of Electronics	
Immersive Applications & Game	ITE College Central	V17	ELR2B2-C	11 to 38	• Human & Social Biology	
IT Applications Development	ITE College Central	V61	ELR2B2-C	13 to 34	• Integrated Science	
	ITE College East	V87	ELR2B2-C	12 to 29	• Physics	
	ITE College West	V63	ELR2B2-C	-	• Engineering Science	
IT Systems & Networks	ITE College Central	V26	ELR2B2-C	18 to 33	• Science (Chemistry, Biology)	
	ITE College East	V30	ELR2B2-C	-	• Science (Physics, Biology)	
	ITE College West	V70	ELR2B2-C	27 to 27	• Science (Physics, Chemistry)	
Operational & Information Technology	ITE College West	V83	ELR2B2-C	18 to 27	• Physical Science	
Security System Integration ①	ITE College East	V79	ELR2B2-C	22 to 22	• Science (Physics, Biology, Chemistry)	
	ITE College West	V77	ELR2B2-C	23 to 24		

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2025) JAE	Minimum Entry Requirements	
					Subject	Grade
ENGINEERING						
Applied Food Science ①	ITE College East	V31	ELR2B2-C	16 to 32	a) English Language	1-8
Bio-Chemical Technology	ITE College East	V18	ELR2B2-C	19 to 40	b) Additional Mathematics / Mathematics	1-7
Chemical Process Technology ①	ITE College East	V32	ELR2B2-C	18 to 33	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>	
Advanced Manufacturing ① <i>(New course in JAE)</i>	ITE College Central	V14	ELR2B2-C	-	a) English Language	1-8
Aerospace Engineering ① <i>(New course in JAE)</i>	ITE College Central	V15	ELR2B2-C	-	b) Additional Mathematics / Mathematics	1-7
					c) One of the following subjects:	1-8
Architectural Technology ①	ITE College East	V10	ELR2B2-C	18 to 34	<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>	
Automotive Engineering ① <i>(New course in JAE)</i>	ITE College West	V41	ELR2B2-C	-		
Civil & Structural Engineering Design	ITE College East	V23	ELR2B2-C	-		
Electrical Engineering ① <b>Specialisation:</b> • Power & Control: ITE College East, and ITE College West	ITE College East	V28	ELR2B2-C	19 to 31		
	ITE College West	V67	ELR2B2-C	20 to 30		
Facilities Management & Engineering ①	ITE College East	V88	ELR2B2-C	30 to 31		
	ITE College West	V89	ELR2B2-C	21 to 26		
Integrated Mechanical & Electrical Design	ITE College East	V24	ELR2B2-C	-		
Landscape Management & Design	ITE College East	V60	ELR2B2-C	18 to 33		

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2025) JAE	Minimum Entry Requirements	
					Subject	Grade
ENGINEERING						
Marine & Offshore Engineering  This is a new course which has been formed from the merger of the following courses that will no longer be offered for the 2026 intake:	ITE College Central	V43	ELR2B2-C	-	a) English Language	1-8
					b) Additional Mathematics / Mathematics	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>	
Mechanical Engineering	ITE College Central	V21	ELR2B2-C	19 to 29		
	ITE College East	V35	ELR2B2-C	28 to 30		
	ITE College West	V78	ELR2B2-C	22 to 32		
Mechatronics Engineering ①	ITE College Central	V13	ELR2B2-C	21 to 31		
	ITE College West	V73	ELR2B2-C	27 to 27		
Rapid Transit Engineering ①	ITE College West	V96	ELR2B2-C	25 to 27		
Vertical Transportation ①	ITE College East	V86	ELR2B2-C	-		

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2025) JAE	Minimum Entry Requirements	
					Subject	Grade
HEALTH SCIENCES						
Community Care & Social Services ②	ITE College East	V33	ELR2B2-C	21 to 30	a) English Language	1-8
					b) Additional Mathematics / Mathematics	1-7
Nursing ③	ITE College East	V34	ELR2B2-C	14 to 26	c) One of the following subjects:	1-8
Opticianry ④	ITE College East	V36	ELR2B2-C	14 to 35	<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>	
HOSPITALITY						
Culinary Arts ⑤	ITE College West	V37	ELB4-A	20 to 34	a) English Language	1-7
					b) Any two other subjects	1-7
Hospitality Operations ⑤	ITE College West	V64	ELB4-A	7 to 35	<b>Note:</b> To be eligible for admission, you must also have sat for Additional Mathematics / Mathematics.	
Pastry & Baking ⑤	ITE College West	V38	ELB4-A	4 to 35		

**Note: (ITE)**

Please refer to ITE's 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 recognised in Singapore and the stipulated vaccination regime required by the course. Those who are medically-ineligible will be subjected to prevailing Ministry of Health (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              | • Uncontrolled Diabetes                       |
| • Legal Blindness       | • Uncontrolled Hypertension                   |
| • Active Tuberculosis   | • Uncontrolled Asthma                         |
| • Profound Deafness     | • Mobility Restricted (Hindering Performance) |
| • Psychiatric Condition | • Physical Dependence upon Mobility Equipment |

- ③ All prospective healthcare students must be fully vaccinated against COVID-19 with a vaccine recognised in Singapore and the stipulated vaccination regime required by the course. Those who are medically-ineligible will be subjected to prevailing Ministry of Health (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.

All applicants applying for 2-year Higher Nitec in Nursing [V34] are required to comply with the 'Fitness Advisory for Nursing Students' stipulated by the Singapore Nursing Board at <https://for.edu.sg/fitness-advisory-for-nursing-students>, with the version as of August 2025 reproduced below:

**FITNESS ADVISORY FOR NURSING STUDENTS**

As the delivery of direct patient care is a requisite of healthcare professions, all applicants to pre-registration/ pre-enrolment nursing programmes 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 (including interpersonal-communication ability and behavioural stability) to:
  - (a) understand and respond to verbal communications accurately, appropriately and in a timely manner
  - (b) possess awareness of one's surroundings to avoid causing harm to oneself and others
  - (c) demonstrate emotional stability to function under stress and pressure when performing care on patients
  - (d) remain calm when being observed by instructors and other health care personnel during clinical practice attachments
  - (e) maintain a sufficient level of concentration to complete tasks in a safe and reasonable time frame
  - (f) recall relevant information
  - (g) demonstrate the ability to perform arithmetic calculations
- 2) Physical ability to:
  - (a) move around in the clinical environment, walk, stand, bend, squat, kneel, reach, lift, climb, push and pull, carry objects, use both arms
  - (b) perform patient transfers
  - (c) operate and carry instruments, materials and equipment independently
  - (d) perform the necessary sequences of hand-eye coordination to carry out clinical procedures
  - (e) have the physical stamina to complete clinical shifts, including rotating shifts
- 3) Auditory ability to:
  - (a) detect faint body sounds (e.g. blood pressure, heart, bowel, lung sounds using a stethoscope)
  - (b) hear different types of auditory alarms and alerts (e.g. patient monitors, call bells, infusion pumps)
  - (c) hear and understand normal speaking level sounds in both quiet and noisy environments (e.g. person-to-person report, patient conversations, team communications)
- 4) Visual ability to:
  - (a) detect changes in physical appearance, colour and contour
  - (b) read medication/drug labels, markings on syringes, printed and written documents, coloured digital readings on medical/clinical devices and electronic health records accurately
  - (c) assess and describe colour, consistency and volume of bodily discharge and fluids

The above required abilities are stipulated in consultation with the Ministry of Health, Ministry of Education, and nursing schools (National University of Singapore/ Singapore Institute of Technology/ Nanyang Polytechnic/ Ngee Ann Polytechnic/ Institute of Technical Education), to ensure nursing students are fit to complete all components of the nursing programme and thereafter to apply for registration/ enrolment to practise upon graduation from the nursing programme.

Should applicants (i) have queries about the abilities outlined above or the following conditions that may affect their ability to meet the mental-cognitive, physical, auditory, or visual requirements, or (ii) are unsure if their condition(s) may affect their ability to deliver safe and effective patient care, please contact ITE College East at [college\\_east@ite.edu.sg](mailto:college_east@ite.edu.sg) for further information:

- 'Physical health condition' includes (a) chronic medical illnesses or dermatological conditions (e.g. uncontrolled epilepsy, uncontrolled asthma, active tuberculosis, uncontrolled diabetes, uncontrolled hypertension, severe eczema on hands) which if associated with an exacerbation or with organ dysfunction complications, may hinder the applicant's ability to provide appropriate and safe clinical care, as well as (b) health conditions or its sequelae which restrict the applicant's subsequent ability to engage in safe clinical practice.
- 'Mental health conditions' refers to a range of conditions which are diagnosed and treated by a registered psychiatrist, and which may affect the decision-making ability of the applicant and compromise the well-being and safety of his patients/clients. These could include anxiety disorders, mood disorders (e.g. depressive and bipolar disorders), psychotic disorders (e.g. schizophrenia), neurodevelopmental disorders (e.g. intellectual development disorder, autism spectrum disorder, attention deficit hyperactivity disorder), as well as addictions.
- 'Other health conditions' refers to other conditions which may compromise the ability of the applicant to assess relevant information in order to formulate a management plan for his patient/client. This may include miscellaneous conditions for example dyslexia and other learning disorders, colour blindness or other conditions compromising the function of the applicant's visual and auditory senses.

Where applicable, the nursing school will advise or assist with regard to the necessary adjustments to support students with declared condition(s) to access the nursing programme while adhering to necessary requirements and standards.

- 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 (OOB). Interested applicants with impairment conditions highlighted by OOB are highly encouraged to contact ITE College East at [college\\_east@ite.edu.sg](mailto:college_east@ite.edu.sg) for more information.

- ⑤ Applicants applying for 2-year Higher Nitec in Beauty & Wellness Management [V54], Higher Nitec in Culinary Arts [V37], Higher Nitec in Hospitality Operations [V64], Higher Nitec in Pastry & Baking [V38], 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 <https://for.edu.sg/ECHmedical>.

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 Technical Theatre & Production [V97] should ensure that they do not have acrophobia. Interested applicants with this condition are highly encouraged to contact ITE for more information.