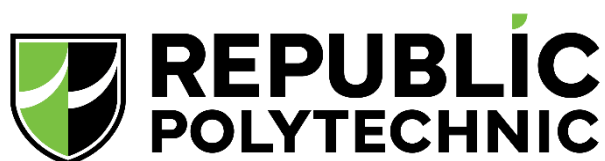# ENTRY REQUIREMENTS OF COURSES TO REPUBLIC POLYTECHNIC

To be eligible for consideration for admission to the various courses in Republic Polytechnic, applicants must obtain **26 points or better for the net ELR2B2 aggregate score** (i.e. English Language, 2 relevant subjects and best 2 other subjects, **including CCA Bonus Points**) and meet the minimum entry requirements as shown in the table of courses in this section. CCA cannot be used in meeting the minimum entry requirements.

The "**Net ELR2B2 Range for Previous (2024) 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 2024 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 2025 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***.

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements
APPLIED SCIENCES				
Applied Chemistry ①	R17	ELR2B2-C	10 to 19	Subject Grade a) English Language 1-7 b) Additional Mathematics / Mathematics 1-6 c) Any one of the following subjects: 1-6
Biological Sciences ① ***(Previously known as Biotechnology)*** **Specialisations:** Ⓐ • Biotechnology • Food & Agricultural Science	R16	ELR2B2-C	11 to 19	• Biology • Biotechnology • Chemistry • Food & Nutrition / Nutrition & Food Science • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)
Biomedical Science ① **Specialisations:** Ⓐ • Biomedical Research • Medical Laboratory Technology	R14	ELR2B2-C	7 to 12	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements
Common Science Programme ① At the end of semester 1, students will opt for one of the following Diplomas/Cluster: • Applied Chemistry • Biological Sciences • Biomedical Science • Environmental & Marine Science • Pharmaceutical Science • Biological Sciences Cluster For Biological Sciences Cluster, students will opt for one of the following Diplomas at the end of semester 2: • Biological Sciences • Biomedical Science • Pharmaceutical Science	R59	ELR2B2-C	6 to 19	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)
Environmental & Marine Science ① ② ③	R62	ELR2B2-C	6 to 14	
Pharmaceutical Science ① **Specialisations:** Ⓐ • Patient Care Practice • Pharmaceutical Industry Practice	R22	ELR2B2-C	11 to 18	
BUILT ENVIRONMENT				
Sustainable Built Environment	R61	ELR2B2-C	16 to 26	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)

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements		
BUSINESS & MANAGEMENT						
Business **Specialisations:** Ⓐ • Banking & Finance • Digital Marketing • International Business	R60	ELR2B2-B	12 to 18		Subject	Grade
				a) English Language		1-6
				b) Additional Mathematics / Mathematics		1-6
				c) Any one of the 2nd group of Relevant Subjects for the ELR2B2-B Aggregate Type		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	10 to 23			

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements	
Consumer Insights & Psychology *(Previously known as Consumer Behaviour & Research)*	R48	ELR2B2-B	14 to 17	Subject	Grade
				a) English Language	1-6
				b) Additional Mathematics / Mathematics	1-6
				c) Any one of the 2nd group of Relevant Subjects for the ELR2B2-B Aggregate Type	1-6
Events & Project Management *(Previously known as Integrated Events Management)*	R28	ELR2B2-B	12 to 26		
Hospitality & Tourism Management *(New course in JAE)* **This is a new course which has been formed from the merger of the following courses. These courses will no longer be offered for the 2025 intake:** **Specialisations:** Ⓐ • Customer Experience & Innovation • Sales & Revenue Management • Sustainable Tourism	R66	ELR2B2-B	-		

Table within Hospitality & Tourism Management cell:

Course Title & Code	Net ELR2B2 Range for the Previous (2024) JAE
Customer Experience Management with Business R34	12 to 26
Tourism Management with Technology R64	14 to 24

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements		
Hotel & Leisure Management ③ *(Previously known as Hotel & Hospitality Management)*	R37	ELR2B2-B	13 to 26		Subject	Grade
				a) English Language		1-6
				b) Additional Mathematics / Mathematics		1-6
				c) Any one of the 2nd group of Relevant Subjects for the ELR2B2-B Aggregate Type		1-6
Human Resource Management with Psychology	R52	ELR2B2-B	12 to 16			
Restaurant & Culinary Management ③ *(Previously known as Restaurant & Culinary Operations)*	R46	ELR2B2-B	15 to 26			
Aviation Management	R39	ELR2B2-C	12 to 23		Subject	Grade
				a) English Language		1-7
				b) Additional Mathematics / Mathematics		1-6
				c) Any one of the following subjects:		1-6
Business Process & Engineering Management *(Previously known as Industrial & Operations Management)*	R11	ELR2B2-C	10 to 26	• Biology • Biotechnology • Chemistry • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Physics • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry)		
Supply Chain Management	R21	ELR2B2-C	15 to 26			

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements
ENGINEERING				
Aerospace Engineering ① ③⑤⑧	R40	ELR2B2-C	13 to 26	<table><tr><td></td><td>Subject</td><td>Grade</td></tr><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></table> - Biology - Biotechnology - Chemistry - Computing / Computer Studies - Design & Technology - Electronics / Fundamentals of Electronics - Physics - Science (Chemistry, Biology) - Science (Physics, Biology) - Science (Physics, Chemistry)
Common Engineering Programme ⑧ At the end of semester 1, students will opt for one of the following Diplomas/Clusters: • Aerospace Engineering • Aviation Management • Business Process & Engineering Management • Electrical & Electronic Engineering • Engineering • Mobility & Robotic Systems • Supply Chain Management • Sustainable Built Environment • Engineering Cluster • Engineering Management Cluster For Engineering Cluster, students will opt for one of the following Diplomas at the end of semester 2: • Aerospace Engineering • Electronics & Electrical Engineering • Engineering • Mobility & Robotic Systems • Sustainable Built Environment For Engineering Management Cluster, students will opt for one of the following Diplomas at the end of semester 2: • Aviation Management • Business Process & Engineering Management • Engineering • Supply Chain Management	R42	ELR2B2-C	17 to 26	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements	

Electrical & Electronic Engineering ⑧
 	
Specialisations: Ⓐ
• Communications
• Microelectronics
	R50	ELR2B2-C	12 to 26	<u>Subject</u>
				a) English Language
				b) Additional Mathematics / Mathematics
				c) Any one of the following subjects:
				
				   • Biology
				   • Biotechnology
				   • Chemistry
				   • Computing / Computer Studies
				   • Design & Technology
				   • Electronics / Fundamentals of Electronics
				   • Physics
				   • Science (Chemistry, Biology)
				   • Science (Physics, Biology)
				   • Science (Physics, Chemistry)
					<u>Grade</u>
					1-7
					1-6
					1-6

Engineering *(Previously known as Engineering Design with Business)* **Specialisations:** Ⓐ • Innovation & Design • Project Management • Sustainable Technology	R56	ELR2B2-C	17 to 26		
Mobility & Robotic Systems *(Previously known as Engineering Systems & Management)*	R54	ELR2B2-C	16 to 23		
HEALTH SCIENCES					
Outdoor Education ②④ *(Previously known as Outdoor & Adventure Learning)*	R33	ELR2B2-B	7 to 26	<u>Subject</u> a) English Language b) Additional Mathematics / Mathematics c) Any one of the 2nd group of Relevant Subjects for the ELR2B2-B Aggregate Type	<u>Grade</u> 1-6 1-6 1-6

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements

Common Sports and Health Programme ⑨
 	
At the end of semester 1, students will opt for one of the following Diplomas/Clusters:
• Integrated Community Care
• Outdoor Education
• Sport Coaching
• Sport & Exercise Science
• Sports & Health
• Health Cluster
• Sports Cluster
 	
For Health Cluster, students will opt for one of the following Diplomas at the end of semester 2:
• Integrated Community Care
• Sports & Health
 	
For Sports Cluster, students will opt for one of the following Diplomas at the end of semester 2:
• Sport Coaching
• Sport & Exercise Science
	R63	ELR2B2-C	13 to 26	<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
				  • Design & Technology
				  • Electronics / Fundamentals of Electronics
				  • Exercise & Sports Science
				  • Physics
				  • Science (Chemistry, Biology)
				  • Science (Physics, Biology)
				  • Science (Physics, Chemistry)

Integrated Community Care ①③⑤ *(Previously known as Health Services Management)*	R45	ELR2B2-C	17 to 26	
Sport Coaching ③	R49	ELR2B2-C	16 to 23	
Sport & Exercise Science ③	R26	ELR2B2-C	7 to 15	
Sports & Health ①③⑤ *(Previously known as Health Management & Promotion)* **Specialisations:** Ⓐ • Health Coaching • Sports Management	R43	ELR2B2-C	16 to 26	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements
MEDIA & DESIGN				
Mass Communication	R32	ELR2B2-A	11 to 17	Subject — Grade a) English Language — 1-4 b) Additional Mathematics / Mathematics — 1-7 c) Any one of the 1st group of Relevant Subjects for the ELR2B2-A Aggregate Type — 1-6
Common Arts, Media and Design Programme ⑩ *(Previously known as Common Arts, Design and Media Programme)* At the end of semester 2, students will opt for one of the following Diplomas: • Arts & Entertainment Production Management • Digital Content Creation • Design • Sonic Arts	R65	ELR2B2-A	13 to 21	Subject — Grade a) English Language — 1-6 b) Additional Mathematics / Mathematics — 1-7 c) Any one of the 1st group of Relevant Subjects for the ELR2B2-A Aggregate Type — 1-6
Arts & Entertainment Production Management ①⑥⑧ *(Previously known as Arts & Theatre Management)*	R25	ELR2B2-A	13 to 22	
Digital Content Creation ③ *(Previously known as Media Production & Design)*	R19	ELR2B2-A	12 to 19	

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements	
Design ③⑧ *(New course in JAE)* **This is a new course which has been formed from the merger of the following courses. These courses will no longer be offered for the 2025 intake:** **Specialisations: Ⓐ** • Games & Gamification • User Experience • Visual Communication	R67	ELR2B2-D	-	Subject	Grade
				a) English Language	1-7
				b) Additional Mathematics / Mathematics	1-7
				c) Any one of the 2nd group of Relevant Subjects for the ELR2B2-D Aggregate Type	1-6

Merger table inside Design cell:

Course Title & Code	Net ELR2B2 Range for the Previous (2024) JAE
Design for Games & Gamification R35	7 to 17
Design for User Experience R36	16 to 21

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements	
Sonic Arts ③	R24	ELR2B2-D	10 to 20		
INFORMATION & DIGITAL TECHNOLOGIES					
Applied AI & Analytics *(Previously known as Business Information Systems)*	R13	ELR2B2-C	14 to 26	Subject	Grade
				a) English Language	1-7
				b) Additional Mathematics / Mathematics	1-6
				c) Any one of the 2nd group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
Common ICT Programme At the end of semester 2, students will opt for one of the following Diplomas: • Applied AI & Analytics • Cybersecurity & Digital Forensics • Enterprise Cloud Computing & Management • Financial Technology • Information Technology	R58	ELR2B2-C	15 to 26		

Courses	Course Code	Aggregate Type	Net ELR2B2 Range for Previous (2024) JAE	Minimum Entry Requirements		
Cybersecurity & Digital Forensics *(Previously known as Infocomm Security Management)*	R55	ELR2B2-C	10 to 26		Subject	Grade
				a)	English Language	1-7
				b)	Additional Mathematics / Mathematics	1-6
				c)	Any one of the 2nd group of Relevant Subjects for the ELR2B2-C Aggregate Type	1-6
Enterprise Cloud Computing & Management *(Previously known as Information Technology)*	R12	ELR2B2-C	15 to 26			
Financial Technology	R18	ELR2B2-C	13 to 26			
Information Technology ⑪ *(Previously known as Digital Design & Development)* **Specialisations:** Ⓐ • Business Digitalisation • Full Stack Development • IT Solutions Management	R47	ELR2B2-C	12 to 25			

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 Business Programme (R57) 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 and Health Programme (R63) must ensure that they satisfy the requirements of the respective diplomas before they can be streamed to the respective courses. Students opting to stream into the Diploma in Outdoor 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 and 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.*