

To be eligible for consideration for admission to the *Higher Nitec* courses under JAE, applicants must have the minimum results as shown in the table of courses for this section. To apply under the Main-Phase JAE application period conducted by MOE, applicants must also have sat for at least 5 GCE 'O' level subjects over a maximum of 2 years. Otherwise, applicants could apply under the Final JAE ITE Appeal period in second half of February 2022. CCA cannot be used to meet the minimum entry requirements.

The "Net Aggregate Range for Previous (2021) 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 2021 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 2022 JAE may vary from previous years, depending on students' GCE 'O' Level examination results and their course choices during the JAE.

2-Year <i>Higher Nitec</i> Courses By School	ITE College	MOE JAE & Combined JAE Appeal Code ⑥	Net Aggregate Range for Previous (2021) JAE	JAE Aggr Type ⑧	ITE Course Code for Final Appeal Phase ⑦	Minimum Entry Requirements
APPLIED SCIENCES						
Biotechnology ⑤	CE-SM	V18	11 to 28	ELR2B2	HFBTZ	3 GCE 'O' Grades: Grade 1 to 8 in English Language Grade 1 to 7 in Mathematics (Elementary/Additional) Grade 1 to 8 in one of the following subjects: <ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Human & Social Biology • Integrated Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science • Science (Physics, Biology, Chemistry)
Chemical Technology ⑤	CE-SM	V44	13 to 31	ELR2B2	HFCTZ	
BUSINESS & SERVICES						
Accounting ⑤	CC-AM CE-SM CW-CK	V39 V27 V90	17 to 30 18 to 37 19 to 33	ELR1B3	HF2AC	3 GCE 'O' Grades: Grade 1 to 7 in English Language Grade 1 to 8 in Mathematics (Elementary/Additional) <i>or</i> Principles of Accounts* Grade 1 to 7 in one other subject Note: * <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>
Event Management ⑤	CC-AM CE-SM	V40 V41	17 to 38 17 to 31	ELR1B3	HFEVZ	
Financial Services ⑤	CC-AM	V52	20 to 37	ELR1B3	HFFSV	
Human Resource & Administration ⑤	CC-AM CE-SM	V91 V92	14 to 26 17 to 39	ELR1B3	HFHRZ	
International Logistics ⑤	CE-SM	V81	20 to 34	ELR1B3	HFIL0	
Maritime Business ⑤	CC-AM	V86	18 to 38	ELR1B3	HFMBZ	
Retail & Online Business ⑤	CC-AM	V66	19 to 30	ELR1B3	HFRBZ	
Service Management ⑤ (Also offered under Traineeship)	CW-CK	V62	16 to 37	ELR1B3	HFSVZ	
Sport Management ②⑤	CC-AM CE-SM CW-CK	V12 V19 V85	18 to 27 19 to 36 16 to 33	ELR1B3	HF2SM	
Beauty & Wellness Management ②⑤	CE-SM	V54	13 to 35	ELB4	HFBWM	
Leisure & Travel Operations ⑤	CW-CK	V65	17 to 36	ELB4	HFLTZ	
Passenger Services ⑤	CC-AM CE-SM	V82 V80	16 to 34 16 to 37	ELB4	HFPSZ	Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>



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BUSINESS & SERVICES (Conducted by the National Institute of Early Childhood Development in collaboration with ITE)						
Early Childhood Education ③⑤	CC-AM	V42	11 to 28	ELB4	HFCHZ	3 GCE 'O' Grades: Grade 1 to 6 in English Language Grade 1 to 6 in two other subjects Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>
DESIGN & MEDIA						
Filmmaking (Cinematography) ①⑤	CC-AM	V93	16 to 29	ELR1B3	HFFLZ	3 GCE 'O' Grades: Grade 1 to 7 in English Language Grade 1 to 8 in Mathematics (Elementary/Additional) <i>or</i> Principles of Accounts* Grade 1 to 7 in one other subject Note: * <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>
Performance Production ①④⑤	CC-AM	V97	12 to 35	ELR1B3	HFPPZ	
Interactive Design ①⑤	CC-AM	V94	12 to 38	ELR1B3	HFIDZ	3 GCE 'O' Grades: Grade 1 to 8 in English Language Grade 1 to 7 in Mathematics (Elementary/Additional) <i>or</i> Principles of Accounts* Grade 1 to 8 in one other subject Note: * <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>
Visual Effects ①⑤	CC-AM	V15	20 to 34	ELR1B3	HFVFX	
Architectural Technology ①⑤	CC-AM	V10	21 to 29	ELR2B2	HFATG	3 GCE 'O' Grades: Grade 1 to 8 in English Language Grade 1 to 7 in Mathematics (Elementary/Additional) Grade 1 to 8 in one of the following subjects: <ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Human & Social Biology • Integrated Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science • Science (Physics, Biology, Chemistry)
Motion Graphics ①⑤	CC-AM	V14	14 to 24	ELB4	HFMOG	3 GCE 'O' Grades: Grade 1 to 7 in English Language Grade 1 to 8 in two other subjects Note: <i>To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).</i>
Visual Merchandising ①⑤	CC-AM	V55	13 to 31	ELB4	HFVMZ	

2-Year <i>Higher Nitec</i> Courses By School	ITE College	MOE JAE & Combined JAE Appeal Code ⑥	Net Aggregate Range for Previous (2021) JAE	JAE Aggr Type ⑧	ITE Course Code for Final Appeal Phase ⑦	Minimum Entry Requirements
ELECTRONICS & INFO-COMM TECHNOLOGY						
AI Applications ⑤ (New course in JAE)	CW-CK	V25	-	ELR2B2	HF2AI	3 GCE 'O' Grades: Grade 1 to 8 in English Language Grade 1 to 7 in Mathematics (Elementary/Additional) Grade 1 to 8 in one of the following subjects: • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Human & Social Biology • Integrated Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science • Science (Physics, Biology, Chemistry)
Broadcast & Media Technology ①⑤	CC-AM	V95	17 to 34	ELR2B2	HFBMZ	
Business Information Systems ⑤	CE-SM	V49	17 to 29	ELR2B2	HF2BI	
Cyber & Network Security ⑤	CC-AM CE-SM CW-CK	V22 V47 V74	11 to 28 15 to 34 16 to 34	ELR2B2	HF2CN	
Data Engineering ⑤	CW-CK	V20	4 to 29	ELR2B2	HFDEG	
Electronics Engineering ①⑤	CC-AM CE-SM CW-CK	V11 V29 V68	20 to 31 30 to 30 19 to 32	ELR2B2	HF2EC	
Games Art & Design ⑤	CC-AM	V45	19 to 29	ELR2B2	HFGAD	
Games Programming & Development ⑤	CC-AM	V99	13 to 30	ELR2B2	HFGPD	
IT Applications Development ⑤	CC-AM CE-SM CW-CK	V61 V87 V63	19 to 33 26 to 31 23 to 30	ELR2B2	HF2IA	
IT Systems & Networks ⑤	CC-AM CE-SM CW-CK	V26 V30 V70	16 to 36 22 to 32 26 to 26	ELR2B2	HF2IS	
Security System Integration ①⑤	CW-CK	V77	17 to 28	ELR2B2	HF2SI	
ENGINEERING						
Civil & Structural Engineering Design ⑤	CE-SM	V23	19 to 34	ELR2B2	HFCSZ	3 GCE 'O' Grades: Grade 1 to 8 in English Language Grade 1 to 7 in Mathematics (Elementary/Additional) Grade 1 to 8 in one of the following subjects: • Biology • Biotechnology • Chemistry • Combined Science • Computing / Computer Studies • Design & Technology • Electronics / Fundamentals of Electronics • Human & Social Biology • Integrated Science • Physics / Engineering Science • Science (Chemistry, Biology) • Science (Physics, Biology) • Science (Physics, Chemistry) / Physical Science • Science (Physics, Biology, Chemistry)
Electrical Engineering ①⑤	CE-SM CW-CK	V28 V67	17 to 32 22 to 31	ELR2B2	HFEEZ	
Engineering with Business ⑤	CC-AM	V84	18 to 34	ELR2B2	HFEUZ	
Facility Management ①⑤	CE-SM CW-CK	V88 V89	18 to 30 14 to 27	ELR2B2	HFFMZ	
Integrated Mechanical & Electrical Design ⑤	CE-SM	V24	-	ELR2B2	HFIMD	
Landscape Management & Design ①⑤	CE-SM	V60	26 to 29	ELR2B2	HFLMZ	
Marine Engineering ⑤	CC-AM	V71	18 to 31	ELR2B2	HFMZR	
Marine & Offshore Technology ⑤	CC-AM	V72	23 to 33	ELR2B2	HFMOZ	
Mechanical Engineering ⑤	CC-AM CE-SM CW-CK	V21 V35 V78	17 to 32 26 to 29 18 to 31	ELR2B2	HFMEZ	
Mechatronics Engineering ①⑤	CC-AM CW-CK	V13 V73	15 to 32 24 to 28	ELR2B2	HFM CZ	
Offshore & Marine Engineering Design ⑤	CC-AM	V75	29 to 29	ELR2B2	HFOMZ	
Rapid Transit Engineering ①⑤	CW-CK	V96	24 to 29	ELR2B2	HFRTZ	
Robotics & Smart Systems ①⑤	CC-AM	V98	23 to 30	ELR2B2	HFRSS	
HOSPITALITY						
Hospitality Operations ⑤	CW-CK	V64	13 to 34	ELB4	HFHPZ	3 GCE 'O' Grades: Grade 1 to 7 in English Language Grade 1 to 7 in two other subjects Note: To be eligible for selection, you must also have sat for Mathematics (Elementary/Additional).

ITE COLLEGES:

CC-AM: ITE College Central at Ang Mo Kio Drive	CE-SM: ITE College East at Simei Avenue	CW-CK: ITE College West at Choa Chu Kang Grove
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For general course advising, applicants may make an appointment online with one of our Education & Career Guidance (ECG) Counsellors via <https://for.edu.sg/ecg>.

The offer of an ITE course to applicants is subject to them being physically, medically and mentally fit to pursue the course. This is to ensure that all students can benefit from ITE training in a safe and conducive environment. Applicants or students assessed by ITE as being unfit can be withdrawn from the course. Where appropriate, they may be considered for other courses if there are suitable ones. The Learning Accessibility Office (LAO) at each ITE College will provide support to students with special educational needs in their learning process at ITE. Applicants with special educational needs are strongly encouraged to seek prior academic course advising from the respective College(s) via <https://for.edu.sg/LAO> before selecting their choice of application.

Notes:

- ① In line with industry requirements, applicants applying for these courses should ensure that they do not have colour appreciation deficiency. Colour Vision Test will be conducted for applicants enrolled into these courses. Colour Vision Test is available over the Internet at <https://colormax.org/color-blind-test/> and at the ITE Colleges conducting these courses. Please take the test before submitting your application if you are not sure whether you have colour appreciation deficiency.
- ② Applicants applying for this course have to pass a pre-admission medical examination.
- ③ Applicants applying for *Higher Nitec* in Early Childhood Education 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 <http://bit.ly/NIECmedical>.
The *Higher Nitec* in Early Childhood Education is awarded by the National Institute of Early Childhood Development (NIEC) in collaboration with Institute of Technical Education.
- ④ In line with industry requirements, applicants applying for this course should ensure that they do not have acrophobia.
- ⑤ For all courses:
 - (I) The 2-year *Higher Nitec* courses comprise 3 or 6 months of Industry Attachment.
 - (II) As all ITE courses will incorporate online learning as part of lesson delivery, students are advised to have access to a PC/Laptop for their learning. Financial assistance is available to eligible students under ITE Opportunity Fund to purchase PC/Laptop subject to terms and conditions.

MOE JAE COURSE CODES AND ITE COURSE CODES

- ⑥ MOE codes are used for applications submitted online through the MOE JAE Internet System (JAE-IS) and appeals submitted online through the Combined Polytechnic-ITE JAE Appeal Portal. The JAE-IS is accessible through the JAE website at <https://www.moe.gov.sg/jae> during the JAE registration. Appeals could be submitted through the Combined Polytechnic-ITE JAE Appeal Portal at <https://jaeappeal.edu.sg> within 4 working days following the release of JAE posting results by MOE.
- ⑦ ITE course codes are used for appeals submitted online through the ITE website at <https://www.ite.edu.sg> during the final appeal phase [between Tue 22 Feb 2022 (9am) and Fri 8 Apr 2022 or between Wed 13 Apr 2022 and Tue 3 May 2022] after the release of the Combined Polytechnic-ITE JAE appeal posting results.

JAE AGGREGATE COMPUTATION

⑧ The aggregate computation for admission to *Higher Nitec* courses are shown in table below. Grades for both Higher Mother Tongue Language (viz. Higher Chinese, Higher Malay and Higher Tamil) and Mother Tongue Language (viz. Chinese, Malay and Tamil) cannot be used in the same aggregate computation. “Merit” and “Pass” grades for the Mother Tongue ‘B’ Syllabus (viz. Chinese ‘B’, Malay ‘B’ and Tamil ‘B’) cannot be used for the computation of aggregate points.

ELB4, ELR1B3 & ELR2B2: For <i>Higher Nitec</i> Courses								
Aggregate Type	ELB4	ELR1B3			ELR2B2			
EL	English							
B4	Best 4 other subjects	R1	<ul style="list-style-type: none"> • Elementary Mathematics • Additional Mathematics • Principles of Accounts 			1st Group of Relevant Subjects	<ul style="list-style-type: none"> • Elementary Mathematics • Additional Mathematics 	
		B3	Best 3 other subjects			R2	2nd Group of Relevant Subjects	<ul style="list-style-type: none"> • Biology • Biotechnology • Chemistry • Combined Science • Computing/Computer Studies • Design & Technology • Electronics/Fundamental of Electronics • Human & Social Biology • Integrated Science • Physics/Engineering Science • Science (Chem, Bio) • Science (Phy, Bio) • Science (Phy, Chem)/Physical Science • Science (Phy, Chem, Bio)
					B2	Best 2 other subjects		