ENTRY REQUIREMENTS OF COURSES TO INSTITUTE OF TECHNICAL EDUCATION

Institute of Technical Education

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

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

Find out about each course at ***www.moe.gov.sg/coursefinder***.

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	**Grade**
APPLIED & HEALTH SCIENCES						
Applied Food Science ① *(New course in JAE)*	ITE College East	V31	ELR2B2-C	-	a) English Language	1-8
Bio-Chemical Technology **This is a new course which has been formed from the merger of the following courses that will no longer be offered for the 2024 intake:** Biotechnology — Net Aggregate Range for Previous (2023) JAE: 14 to 29 Chemical Technology — 14 to 32	ITE College East	V18	ELR2B2-C	-	b) Mathematics (Elementary/Additional) c) One of the following subjects: • 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)	1-7 1-8
Chemical Process Technology ① *(New course in JAE)*	ITE College East	V32	ELR2B2-C	-		
Community Care & Social Services ② *(New course in JAE)*	ITE College East	V33	ELR2B2-C	-		
Nursing ③ *(New course in JAE)*	ITE College East	V34	ELR2B2-C	-		
Opticianry ④ *(New course in JAE)*	ITE College East	V36	ELR2B2-C	-		

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	Grade
BUSINESS & SERVICES						
Accounting	ITE College Central	V39	ELR1B3-B	15 to 29	a) English Language	1-7
	ITE College East	V27	ELR1B3-B	20 to 37	b) Mathematics (Elementary/Additional) <u>*or*</u> Principles of Accounts *	1-8
	ITE College West	V90	ELR1B3-B	18 to 34	c) One other subject	1-7
Business Administration **Specialisations:** • Financial Services: ITE College Central, and ITE College East • Human Resource: ITE College Central, ITE College East, and ITE College West **This is a new course which has been formed from the merger of the following courses that will no longer be offered for the 2024 intake:**	ITE College Central	V91	ELR1B3-B	-	**Note:** * *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	
	ITE College East	V52	ELR1B3-B	-		
	ITE College West	V92	ELR1B3-B	-		

Course Title	Net Aggregate Range for Previous (2023) JAE
Financial Services	16 to 37
Human Resource & Administration	16 to 28 (ITE College Central) 16 to 36 (ITE College East)

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
Event Management	ITE College Central	V40	ELR1B3-B	12 to 38		
Logistics & Supply Chain Management **This is a new course which has been formed from the merger of the following courses that will no longer be offered for the 2024 intake:**	ITE College East	V81	ELR1B3-B	-		

Course Title	Net Aggregate Range for Previous (2023) JAE
International Logistics	21 to 38
Maritime Business	9 to 37

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

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	Grade
DESIGN & MEDIA						
Filmmaking (Cinematography) ①	ITE College Central	V93	ELR1B3-B	18 to 27	a) English Language	1-7
Performance Production ①⑦	ITE College Central	V97	ELR1B3-B	13 to 36	b) Mathematics (Elementary/Additional) *or* Principles of Accounts *	1-8
					c) One other subject	1-7
					Note: * *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	
Interactive Design ①	ITE College Central	V94	ELR1B3-B	15 to 37	a) English Language	1-8
					b) Mathematics (Elementary/Additional) *or* Principles of Accounts *	1-7
					c) One other subject	1-8
					Note: * *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	
Visual Effects ①	ITE College Central	V15	ELR1B3-B	17 to 30		
Architectural Technology ①	ITE College Central	V10	ELR2B2-C	15 to 29	a) English Language	1-8
					b) Mathematics (Elementary/Additional)	1-7
					c) One of the following subjects: • 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)	1-8
Motion Graphics ①	ITE College Central	V14	ELB4-A	17 to 22	a) English Language	1-7
Visual Merchandising ①	ITE College Central	V55	ELB4-A	18 to 32	b) Any two other subjects	1-8
					Note: *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	

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

Courses	ITE College	Course Code	Aggregate Type	Net Aggregate Range for Previous (2023) JAE	Minimum Entry Requirements	
					Subject	**Grade**
ENGINEERING						
Civil & Structural Engineering Design	ITE College East	V23	ELR2B2-C	29 to 29	a) English Language	1-8
Electrical Engineering ①	ITE College East	V28	ELR2B2-C	18 to 33	b) Mathematics (Elementary/Additional)	1-7
	ITE College West	V67	ELR2B2-C	13 to 39	c) One of the following subjects:	1-8
Engineering with Business	ITE College Central	V84	ELR2B2-C	12 to 35	• Biology	
Facility Management ①	ITE College East	V88	ELR2B2-C	25 to 31	• Biotechnology	
	ITE College West	V89	ELR2B2-C	20 to 32	• Chemistry	
Integrated Mechanical & Electrical Design	ITE College East	V24	ELR2B2-C	28 to 28	• Combined Science • Computing / Computer Studies	
Landscape Management & Design ①	ITE College East	V60	ELR2B2-C	11 to 31	• Design & Technology • Electronics / Fundamentals of Electronics	
Marine Engineering	ITE College Central	V71	ELR2B2-C	22 to 32	• Human & Social Biology • Integrated Science	
Marine & Offshore Technology	ITE College Central	V72	ELR2B2-C	28 to 31	• Physics • Engineering Science	
Mechanical Engineering	ITE College Central	V21	ELR2B2-C	18 to 33	• Science (Chemistry, Biology) • Science (Physics, Biology)	
	ITE College East	V35	ELR2B2-C	24 to 36	• Science (Physics, Chemistry) • Physical Science	
	ITE College West	V78	ELR2B2-C	20 to 34	• Science (Physics, Biology, Chemistry)	
Mechatronics Engineering ①	ITE College Central	V13	ELR2B2-C	12 to 35		
	ITE College West	V73	ELR2B2-C	21 to 30		
Offshore & Marine Engineering Design	ITE College Central	V75	ELR2B2-C	29 to 31		
Rapid Transit Engineering ①	ITE College West	V96	ELR2B2-C	12 to 28		
Robotics & Smart Systems ①	ITE College Central	V98	ELR2B2-C	22 to 36		
HOSPITALITY						
Hospitality Operations	ITE College West	V64	ELB4-A	14 to 37	a) English Language	1-7
					b) Any two other subjects	1-7
					Note: *To be eligible for admission, you must also have sat for Mathematics (Elementary/Additional).*	

Note: (ITE)

Please refer to ITE's Admission Booklet or website www.ite.edu.sg for more details on the course and college information.

① *In line with industry requirements, applicants applying for these courses should ensure that they do not have colour appreciation deficiency. Interested applicants with this condition are highly encouraged to contact ITE for more information.*

② *All prospective healthcare students must be fully vaccinated against COVID-19 with a vaccine regime recognised in Singapore. Those who are Medically-Ineligible will be subjected to prevailing MOH and healthcare institutions' policies. Those who are Medically-Eligible but wish to remain unvaccinated may not be able to access the healthcare and community care settings to complete their Industry Attachment Module and meet the compulsory internship requirements necessary for graduation or their course completion may be delayed due to restrictions on internship posting to the industry.*

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

- *Epilepsy*
- *Legal Blindness*
- *Active Tuberculosis*
- *Profound Deafness*
- *Psychiatric Condition*

- *Uncontrolled Diabetes*
- *Uncontrolled Hypertension*
- *Uncontrolled Asthma*
- *Mobility Restricted (Hindering Performance)*
- *Physical Dependence upon Mobility Equipment*

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

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

FITNESS TO PRACTICE ADVISORY FOR NURSING STUDENTS

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

1) ***Mental-Cognitive ability*** *(interpersonal-communication ability and behavioural stability) to:*
   (a) *provide safe care to populations, including safety to self*
   (b) *demonstrate emotional-behavioural stability to function under the stress and pressure when performing nursing care on patients*
   (c) *being observed by instructors and other health care personnel during clinical practice attachments.*

2) ***Physical ability*** *to:*
   (a) *move around in the clinical environment, walk/stand, bend, reach, lift climb, push and pull, carry objects*
   (b) *perform patient transfers and complex sequences of hand-eye coordination.*

3) ***Auditory ability*** *to:*
   (a) *hear faint body sounds*
   (b) *auditory alarms*
   (c) *normal speaking level sounds (i.e. blood pressure sounds, monitors, call bells and person-to-person report).*

4) ***Visual ability*** *to:*
   (a) *detect changes in physical appearance, colour and contour*
   (b) *read medication/ drug labels, syringes, manometers, written and electronic communication accurately.*

The above required abilities are stipulated in consultation with Singapore Nursing Board to ensure nursing students are fit to practise when they apply for enrolment upon graduation from the nursing programme.
Interested applicants with known condition(s) or unsure if their condition(s) may affect their ability to deliver safe and effective patient care are highly encouraged to contact ITE College East at college_east@ite.edu.sg for more information.

④ *Eyecare practitioners are required to provide care, consultation and management of a patient's vision through eye tests and effective communication. Therefore good interpersonal skills and good psychomotor ability is required. All applicants must possess the following abilities to perform direct eyecare on clients safely and effectively:*

- ***Mental-Cognitive ability****, including interpersonal-communication, emotional-behavioural stability to function under stressful work environment, and provide safe eyecare to clients.*
- ***Physical ability*** *to move around in a clinical/retail environment, including standing during service delivery.*
- ***Auditory ability*** *to communicate with patients under normal speaking level sounds.*
- ***Visual ability*** *to read small print on ophthalmic trial lenses and digital display on instruments.*

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

⑤ *Applicants applying for 2-year Higher Nitec in Beauty & Wellness Management [V54] or Higher Nitec in Sport Management [V12, V19, V85] have to pass a pre-admission medical examination.*

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

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

⑦ *In line with industry requirements, applicants applying for 2-year Higher Nitec in Performance Production [V97] should ensure that they do not have acrophobia. Interested applicants with this condition are highly encouraged to contact ITE for more information.*