



Peirce Secondary School

SECONDARY 2 SUBJECT OPTIONS EXERCISE (SSOE) 2023

INFORMATION BOOKLET for Secondary 3 Normal (Academic) Course 2024

GENERAL INFORMATION

This booklet provides information on the various elective subjects available for Sec 3 Normal (Academic) in 2024. It enables parents to make informed choices about their children's subject options for Sec 3 based on academic inclinations, strengths, interests and aptitudes.

1. Subject Options Exercise is conducted after the release of the year-end examination results.
2. Students will only be able to choose from a list of subject combinations they are eligible for.
3. Students will be briefed 2 times – once in Term 2 and once more in Term 4.
4. Mock Subject Options Exercise in T2W10
 - a. The school conducts a Mock Subject Options Exercise in T2W10 to provide:
 - i. a **reality check** for students – it helps them recognize the gap between their goals and current progress;
 - ii. a **dipstick** for the school to gauge student interest in the subjects to facilitate resource management.
 - b. Sec 2 students will indicate their subject choices via a link to "All Ears" Form in T2W10.
 - c. Students will be allocated their subject combinations based on their Sec 2 First Semester Combined (WA1 & WA2) results.
 - d. Results of the Mock Subject Options Exercise will be released in Term 3 Week 3 through a link to "All Ears" Form.
 - e. The Mock Subject Options Exercise **will not have any bearing** on the actual exercise in October.
5. Subject Options Exercise in October (Term 4 Week 6)

Students will be allocated their subject combinations based on their Sec 2 Overall results.

Instructions on filling up of Subject Options Exercise Form

1. The students will each receive a hardcopy option form to plan for their selection.
2. The students will be given a link to "All Ears" Form, which they need to login using their NRIC number.
3. The students are to rank the order (first to third choice) from a given list of subject combination.
4. Multiple submissions are allowed. Only the last submission will be captured by the system.
5. Students who are interested in doing an **elective subject at a less demanding level** are to request a separate hardcopy application form from the Year Head or Assistant Year Head.

Submission of Option Forms and Release of Subject Options Exercise Results

1. Parents are advised to carefully consider their child's choices of subject combinations and complete the option form.
2. Results of the Subjects Options Exercise will be released within 2 weeks of the exercise.
3. Parents will be able to view their child's allocated subjects via a link to "All Ears" Form, which will require their child to login in using his/her NRIC.
4. Appeals
 - All appeals will be considered **only after** the Subject Options Exercise has been completed and the results, released.
 - These appeals must then be **made via** a link given in "All Ears" Form when they view the results.
 - Appeals will only be considered if they do not contradict the established school policy on subject options.
 - The appeals will be considered on a case-by-case basis.
 - The results of the appeals will only be confirmed and made known to applicants at the end of November. Applicants may check the outcomes of their appeals via the "All Ears" Form.
 - The school's decision will be final, and no further appeals can be made.

School Policy on Subject Options

1. The school reserves the right to decide on the final subject combination offered.
2. Sec 3 NA students will take 6 subjects.

Subjects Offered (At GCE 'N' level unless otherwise stated)	Subject Pre-Requisites
ENGLISH LANGUAGE	
English Language	Nil
English Language at 'O' level	Students in 2A: Grade 1 in Sec 2NA English or C6 in Sec 2E English
MOTHER TONGUE LANGUAGE	
Mother Tongue Language	Nil
Mother Tongue Language at 'O' level	Students in 2A: Grade 1 in Sec 2NA MTL or C6 in Sec 2E MTL
SCIENCES (Choose one)	
Science (Physics/ Chemistry)	Nil
Science (Chemistry/ Biology)	Nil
Science (Physics/ Chemistry) at 'O' level	Students in 2A: Grade 1 in Sec 2NA Science or C6 in Sec 2E Science
HUMANITIES (Choose one)	
Humanities (Social Studies/Geography)	Nil
Humanities (Social Studies/History)	Nil
Humanities (Social Studies/Geography) at 'O' Level	Students in 2A: Grade 1 in Sec 2NA Geography & Grade 1 in English
Humanities (Social Studies/History) at 'O' Level	Students in 2A: Grade 1 in Sec 2NA History & Grade 1 in English
MATHEMATICS	
Mathematics	Nil
Mathematics at 'O' Level	Students in 2A: Grade 1 in Sec 2NA Mathematics or C6 in Sec 2E Mathematics
ELECTIVES (Choose one)	
Additional Mathematics	Students in 2A: Grade 1 in Sec 2NA Mathematics or C5 in Sec 2E Mathematics
Design & Technology	Nil
Art	Nil
Nutrition & Food Science	Nil
Principles of Accounts	Nil

3. The students will be streamed based on the following:
 - a. **Sec 2 Overall results**
 - b. If demand is greater than the number of vacancies, priority will be given based on the following (listed in order of importance):
 - i. Order of Choice (First choice will be looked at first)
 - ii. Order of Merit (Subject-specific)
 - iii. Order of Merit (Overall average for all subjects)
4. Subject Options Committee will accommodate students' requests whenever possible, taking into account students' suitability as well as the need for sufficient demand.
5. Students who are not given any of their preferred subject combinations or do not meet the pre-requisites for any combinations will be allocated subjects based on their strengths.

OPTIONS

SCIENCES

Brief Description

All students are required to study at least one Science subject. There are 3 basic branches of Science:

1. **Physics** – Physics is concerned with the underlying principles of the natural world, and deals with the elementary constituents of the universe, that is, all classes of matter and energy, their interactions, as well as the analysis of systems which are best understood in terms of their fundamental principles.
2. **Chemistry** – Chemistry deals with the composition and statistical properties of matter and structures, as well as their transformations and interactions to become materials encountered in everyday life. The physical properties of materials are generally determined by their structure at the atomic scale, which in turn is dictated by the properties and energies of the interactions.
3. **Biology** – Biology, essentially the study of Life, is concerned with the characteristics, classification, and behaviours of organisms, how species come into existence, and the interactions they have with each other and with the environment. All concepts in biology are subject to the same laws that other branches of science obey, such as the laws of thermodynamics and conservation of mass.

Students may opt to do:

- Either Science (Physics/ Chemistry) or Science (Chemistry/ Biology)

As a guide, the content of a component subject of Combined Science is about 60% of its pure science equivalent. It is important to be able to cope with both components well in order to do well. For example, students pursuing Science (Physics/Chemistry) must do well in both the Physics and Chemistry components in order to obtain a good grade for the subject.

Science (Physics/ Chemistry)

Science (Chemistry/ Biology)

Examination Requirements

'N' Level Examination for Combined Science comprises:

- Paper 1 : Multiple-choice Questions (Physics)
- Paper 2 : Structured Questions (Physics)
- Paper 3 : Multiple-choice Questions (Chemistry)
- Paper 4 : Structured Questions (Chemistry)
- Paper 5 : Multiple-choice Questions (Biology)
- Paper 6 : Multiple-choice Questions (Biology)

Students taking Science (Physics/ Chemistry) will take Papers 1, 2, 3 and 4; students taking Science (Chemistry/ Biology) will take Papers 3, 4, 5, and 6.

Post-Secondary Options

Science subjects at the secondary level prepare students for the next phase of education, i.e. for JC and polytechnic education. Students who have studied Physics, either as part of Combined Science or as a pure subject, will have a broad range of options at the tertiary level. Many JC subject combinations and polytechnic diploma courses require Physics as a prerequisite subject. This is especially true of Engineering courses.

Students who have studied Biology will have an advantage if they pursue Life Science courses in the polytechnics, or 'A' Level Biology. However, Chemistry, and not Biology, is the compulsory subject for university studies in Life Sciences or medicine-related degree programmes. Thus, for those who are thinking of a career in Life Sciences or medicine-related fields, it is important to study Chemistry during their secondary school years, either as a pure subject or part of Combined Science.

HUMANITIES

(A compulsory subject in the GCE examinations)

All pupils have to choose one of the following elective components in combination with **Social Studies**.

The two elective components available are:

Geography Elective

Geography Elective is offered as an elective component of Humanities. It is read alongside the compulsory component, Social Studies.

Brief Description

The Geography Elective involves the study of both Physical and Human Geography. Pupils will learn about the world's human and physical features and the relationships between people, places and the earth. It shows how the world is connected and how the occurrence of one event in one place affects a person's life in another place. It is a study of the surface of the earth, human activities and how we can sustainably manage the environment.

Pupils will learn:

- the features and formation of landforms in the physical landscape
- the relationships between people and their environment
- the development and management of the physical and human environments
- case studies of different physical-human relationships
- Geographical skills in the context of the physical and human environments.

For pupils who...

have a keen interest in seeking an understanding of the surroundings and happenings and the inter-relationships between people and the environment.

Post-Secondary Options

Students can continue to pursue the subject in greater depth as an 'A' Level subject. Pupils seeking admission to Junior Colleges (JCs) will need to include the Humanities grade in their L1R5 aggregate computation. For application to Humanities, Media or Business-related polytechnic courses, Humanities counts as one of the relevant subjects in the computing of the ELR2B2 aggregate.

History Elective

History Elective is offered as an elective component of Humanities. It is read alongside the compulsory component, Social Studies.

Brief Description

The History syllabus provides students with an appreciation of the complexities of international relations. It highlights the importance of

understanding and interpreting history in all its complexity – its people, events, issues, periods, turning points, themes and sources. The syllabus also equips students with the necessary skills to make reasoned and informed decisions.

Pupils will learn:

- World War I and the immediate aftermath
- Peacemaking and the rise of authoritarian regimes
- War in Europe and War in Asia Pacific
- The outbreak and escalation of the Cold War and the end of Cold War

For pupils who ...

- have an interest in current affairs
- are interested in how human actions and political events shape our world
- are able to carry out independent research and learning

Post-Secondary Options

Students can continue to pursue the subject in greater depth as an 'A' Level subject. Pupils seeking admission to Junior Colleges (JCs) will need to include the Humanities grade in their L1R5 aggregate computation. For application to Humanities, Media or Business Courses in Polytechnic, Humanities counts as one of the relevant subjects in the computing of the ELR2B2 aggregate for Business-related courses.

ELECTIVES

Additional Mathematics

Brief Description

The Additional Mathematics syllabus consists of 3 sections:

- Algebra** – This is an important branch of Mathematics that has strong links with all other branches of mathematics. It will provide students with the language and tools to represent abstract ideas, relationships and patterns using concise symbols.
- Geometry and Trigonometry** – Geometry deals with points, lines (curves) and angles, as well as their relationships and links. The learning of Geometry helps students develop the spatial visualisation skills, which complement and support the mathematical skills from other branches of Mathematics. Trigonometry supports the learning of Geometry and is important in the study of periodic behaviour, phenomena and models that they may encounter in higher learning.
- Calculus** – Calculus is an important branch of Mathematics and deals with the concept of change. It is used in many fields of study including the physical sciences, computer science, economics, business, engineering and medicine. It deals with abstract concepts and processes involving infinitesimal quantities and changes and limiting operations. As such, this section demands a strong foundation in Algebra and Geometry from the student.

Prerequisites

Students who have scored **at least an Overall Grade 1 in Sec 2NA Mathematics** at Sec 2 can consider opting for Additional Mathematics. In addition, a hardworking attitude and much perseverance is needed because Additional Mathematics requires regular work and much practice to master. The student has to be very strong in Algebra to excel in the subject.

For those who are interested to pursue Additional Mathematics at 'N' level, they must also take Mathematics at 'O' Level.

Post-Secondary Options

The syllabus will prepare you adequately for 'A' Level H2 Mathematics, which builds on a strong foundation in algebraic manipulation and mathematical reasoning skills. In addition, many courses in the polytechnics also require students to have a strong foundation in Mathematics. While students with Additional Mathematics background may cope with these diploma courses better, most of these courses do not require Additional Mathematics as a prerequisite.

Design and Technology

Brief Description

Design and Technology (D&T) at the upper secondary level emphasises designing that involves research, reasoned application of knowledge and skills in areas of design and technology. Students will then combine the knowledge and skills acquired in the realisation of their Design Project.

The subject requires students to apply appropriate knowledge of materials, processes and technological areas in creating a design solution. It also provides students with opportunities to relate D&T to other subjects and apply their understanding from Science, Mathematics and Art, etc. Skills like creativity, innovation, communication, critical thinking, collaboration and problem solving will also be taught through purposeful design tasks in the curriculum. These skills are applicable in other subject areas.

In D&T coursework, students engage in the design process. They capture their thought processes in a Design Journal, documenting how they arrive at the design solution, progressing through conceptualisation, development and realisation. Students will also need to demonstrate their competency in graphical communication, sensitive use of materials and appropriate constructional methods through the submission of A Design Journal, Presentation Boards and an Artefact for their final design proposal.

For pupils who ...

- like to doodle, have strong inclination in designing and solving everyday problems. Pupils doing this subject must have good self-discipline and perseverance to work through the essential processes of researching, discovering, creating and evaluating.

Examination Requirements

'N' Level Examination

Coursework (60%): 1 Artefact, 2 Presentation Boards & 1 Design Journal.
Theory (40%): A 1.5-hour written paper consisting of 2 sections.

Post-Secondary Options

D&T provides foundational knowledge for students opting for Engineering or design-related Courses. It is accepted as one of the relevant subjects for application to Science-based courses, Technology courses and Design courses in the local polytechnics.

Nutrition and Food Science

Brief Description

At lower secondary, pupils study Food and Consumer Education (FCE), in which they learn basic facts about food, nutrients and food science. At upper secondary, they learn in greater depth about food science and nutrition.

In Nutrition and Food Science (NFS), students learn the basics of food chemistry, human digestion and absorption of food. Acquiring these basics will enable them to study food and nutrition from a scientific point of view, equipping them with the understanding of what foods are essential to health and what happens to food during processing.

The coursework component in the subject involves application of knowledge to analyse, research and develop on a given task. Pupils plan and execute the task, after which they need to review the processes involved. Pupils are also developed in their ability to plan, execute, record, interpret findings and draw logical conclusions from experimental work.

For pupils who ...

- have an interest in nutrition and health problems associated with diet
- enjoy testing and experimenting with food
- are able to carry out independent research learning

Examination Requirements**'N' Level examination**

Coursework (60%): An assignment given at the beginning of the examination year to be completed by July of the same year. This will include conducting a food investigation and executing a practical examination.

Theory (40%): A 1.5 hour written paper consisting of three sections.

Post-Secondary Options

Pupils seeking admission to Junior Colleges (JCs) or Millennia Institute (MI) can include the Nutrition and Food Science (NFS) grade for their L1R5 or L1R4 aggregate computation respectively. For application to polytechnic courses such as Sports and Exercise Science, Applied Food Science and Health Sciences, NFS counts as a relevant subject in the computing of ELR2B2.

Art**Brief Description**

The study of Art provides a foundation for understanding and evaluating aesthetic intention and artistic skills so as to develop Visual Literacy.

The subject content is structured around the domains of Perceiving, Communication and Appreciation. This framework provides the focus for the teaching and learning of Art.

At the lower secondary levels, Visual Art develops pupils' ability to explore creativity and their personal identities. Pupils explore different mediums of art and their unique qualities.

At the upper secondary levels, pupils acquire a deeper appreciation of art through:

- i) Studio Practice
- ii) Study of Visual Arts (SOVA)

In Studio Practice, pupils will experiment with techniques in drawing and painting.

In SOVA, pupils develop visual literacy and critical thinking skills such as analysis, interpretations and evaluation to provide them with the skills to inquire about Art.

Students learn about art concepts and styles through the study of artists and artworks. They learn to interpret images along 3 broad themes: Art as narrative and inspiration, art as expression and identity, art as communication and design.

The art programme strives to provide pupils with authentic experiential learning through programme tie-ups with external art learning institutions and art competitions.

For pupils who ...

- have a keen interest in Design, Fine Art, Computer and Print Media
- are self-motivated and hardworking
- are thrilled to experiment with different art media and techniques

Examination Requirements**'N' Level Examination**

Coursework (60%): 5 presentation boards & 1 final art piece.

Drawing & Painting (40%): Preparatory work of 5 A3 sheets of paper to be brought into the exam venue.

Post-Secondary Options

Students can choose to do Art as one of their 'A' Level subjects in some of the Junior Colleges. Art also counts as one of the relevant subjects for polytechnic courses such as Architecture, Landscape Architecture and Interior Design. Students could also choose to further develop their passion in arts with Nanyang Academy of Fine Arts (NAFA) or with LASALLE-SIA College of the Arts.

Principles of Accounts**Brief Description**

The subject aims to develop an understanding of the principles and concepts of accounting and their applications in a variety of business situations. Candidates will acquire basic knowledge in double entry and develop the ability to prepare, present, analyse and interpret financial statements.

The syllabus is organised into **six** sections:

- (i) role of accounting, which is to provide information for monitoring and decision making by different users;

- (ii) double entry system of book-keeping which comprises the accounting equation, source documents, books of prime entry, the cash book, the general journal, the ledger and the trial balance;
- (iii) accounting procedures regarding capital and revenue expenditure, depreciation, adjustments to ledger accounts, correction of errors and control accounts;
- (iv) fundamentals of preparing the final accounts i.e. Trading Account, Profit and Loss Account, Balance Sheet and the operation of partnerships;
- (v) preparation of final accounts for sole traders and partnerships, including the use of incomplete records; and
- (vi) analysis and interpretation of final accounts involving ratios.

Examination Requirements

'N' Level Examination

Paper 1	3 to 4 compulsory structured questions (40 marks)	1 hour	40%
Paper 2	4 structured questions (60 marks) <ul style="list-style-type: none"> • One question requires the preparation of financial statements for a business for one financial year. (20 marks) • A scenario-based question (5 marks) will be part of one of the 3 remaining questions. 	2 hours	60%

Paper 2 Section A will have one question on the preparation of final accounts, which carries 20 marks.

Post-Secondary Options

Pupils seeking admission to Junior Colleges (JCs) or Millennia Institute (MI) can use Principles of Accounts grade in the computation of L1R5 or L1R4 respectively. For application to polytechnic courses classified as non-Science and Technology, Principles of Accounts counts as a relevant subject in computing of ELR2B2.

After 'N' Levels

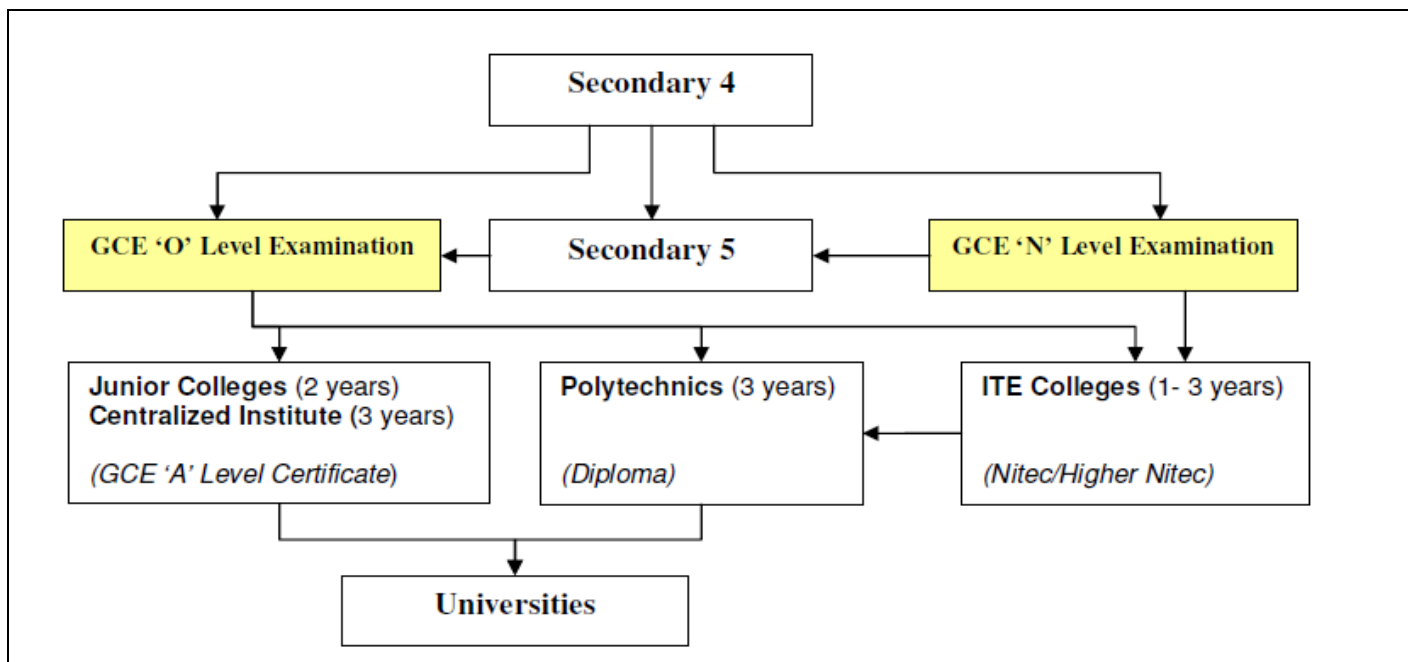
CRITERIA FOR PROMOTION TO SEC 5 AFTER GCE 'N' LEVEL

To be promoted to Sec 5 after the GCE 'N' Level examination, students need to meet the following requirements:

- Grade 5 or better in English and Math, as well as at least 3 other subjects,
- ELMAB3 of 19 points or less.

POST-SECONDARY EDUCATION OPTIONS

The following chart shows the various progression paths and options for pupils who have completed their secondary education.



1. Polytechnic Foundation Programme (PFP)

PFP caters for N(A) students who are academically strong and clearly polytechnic-bound. Successful applicants will be enrolled in a one-year practice-oriented programme after which they would progress to full-time diploma courses.

PFP eligibility criteria:

ELMAB3 ≤ 12 (excluding CCA bonus points) and the following subject grade requirements.

For Group 1 courses:

GCE N-Level subjects	Minimum Required Grades
English Language Syllabus A	3
Mathematics (Syllabus A/ Additional)	3
Design & Technology, Food & Nutrition, Nutrition & Food Science, Science	3
Any two other subjects excluding CCA	4

For Group 2 courses:

GCE N-Level subjects	Minimum Required Grades
English Language Syllabus A	2
Mathematics (Syllabus A/ Additional)	3
Art, Geography, History, Literature in English, Humanities, POA	3
Any two other subjects excluding CCA	4

<https://pfp.polytechnic.edu.sg/PFP/index.html>

2. Direct Entry-Scheme-to-Polytechnic Program (DPP)

DPP caters for students who have obtained good 'N' level results and would benefit from more hands-on education. Successful applicants would first enrol in a 2-year Higher Nitec course at ITE, following which if the qualifying Grade Point Average is met, they would embark on their Polytechnic Diploma courses.

DPP eligibility criteria:

ELMAB3 ≤ 19 points (excluding CCA bonus points) and meet the following course-specific requirements:

For Applied Sciences, Engineering and Info-Communications Technology courses

GCE N-Level subjects	Minimum Required Grades
English Language Syllabus A	4
Mathematics (Syllabus A/ Additional)	4
Any three other subjects excluding CCA	5

For Business & Services courses:

GCE N-Level subjects	Minimum Required Grades
English Language Syllabus A	3
Mathematics (Syllabus A/ Additional)	4
Any three other subjects excluding CCA	5

Advantages of choosing DPP over Sec 5N

- Direct entry to Higher Nitec, which is otherwise only available to O-level students
- Students being assured of a place in the 1st or 2nd year of the related Polytechnic Diploma course if they attain the qualifying GPA scores

3. Application to ITE during JIE 'N' exercise

JIE 'N' exercise caters to 'N' level holders who have not secured a place during ITE EAE. These options are as follows:

- Students can enter ITE to read a 2-year Nitec course, which allows for progression to Higher Nitec or ITE Work-study diploma, ITE Technical diploma or Polytechnic courses.
- Students can enter ITE to read a 3-year Higher Nitec course, which allows for progression to ITE Work-study diploma, ITE Technical diploma or Polytechnic courses.
- Students can also apply for Traineeship Nitec Courses which allow students to work and study at the same time.

Different categories of 3-year Higher Nitec and 2-year Nitec courses under JIE 'N' come with different entry requirements ranging from completed GCE 'N' Level to 3 GCE 'N' Level passes. GCE 'N' Level holders applying for admission to full-time 3-year Higher Nitec and 2-year Nitec courses must first satisfy the entry requirements including passes in the pre-requisite subjects for the courses applied. Admission is merit-based, and posting to a course is based on **aggregate of best 4 GCE 'N' Level subjects, including pre-requisite subjects and bonus points** where applicable and is subjected to availability of vacancies

4. [Before N Level examination] ITE - Early Admissions Exercise (ITE - EAE)

The ITE Early Admissions Exercise (ITE EAE) is an aptitude-based admissions exercise. Students who have strong aptitude and passion in a field related to a *Nitec* course may consider the ITE EAE. The application process involves an interview for each course of choice. Relevant work experience and achievements in sports, arts, leadership, entrepreneurship and community service are also factored into ITE's selection process.

Who Can Apply?

- Singapore Citizens (SC) and Singapore Permanent Residents (SPR) who have registered to sit for the GCE N-Level or O-Level examinations in the year of the ITE EAE application;
- International Students (IS) enrolled in Government, Government-aided and Independent Schools during the year of the ITE EAE application, and who have registered to sit for the GCE N-Level or O-Level examinations in the year of the ITE EAE application;
- SC and SPR who have sat for the GCE N-Level or O-Level examinations previously; and
- SC and SPR working adults with at least 2 years of relevant work experience may also apply.

Various phases

1. Application phase

Students can apply for up to 3 course choices. They need to submit a write-up (of not more than 100 words) for each course choice, listing their talents, aptitude, achievements, passion and interests relevant to the course. They might need to mention their portfolio of related works, projects and any participation in MOE Elective Modules and/or Applied Subjects, work attachments, community / volunteer work, school / personal activities / projects, CCAs and national school competitions. Relevant work experience can also be indicated.

2. Interview phase

Interviews will be conducted online or on-campus. They would need to have their portfolios and supporting documents at the interview.

These documents include certificates, awards and testimonials. An aptitude test might also be given during the interview.

3. Offer and Acceptance phase

Successful applicants must accept the conditional offer by the deadline. If they accept the offer, their place will be guaranteed as long as their GCE N(T) level results meet the **Minimum Entry Requirements**.

4. Withdrawal phase

Applicants who have accepted the offer but later wish to withdraw must do so by the deadline. Should they miss the deadline, their places will be confirmed and they will neither be able to switch course nor participate in Joint Intake Exercise (JIE).

5. NAFA Foundation Programme (NFP)

The NAFA Foundation Programme (NFP) is a 1-year bridging course that prepares students for a successful completion of a 3-year diploma course in their area of interest at NAFA.

Secondary 4 N(A) students who attained an **ELMAB3 (English Language, Mathematics, Best 3 other subjects) aggregate score of 15 points or better**, excluding CCA Bonus Points, will be eligible to apply for the course. Applicants who score **4 and above in English Language** will be required to attend an interview.

In addition to meeting the educational qualification requirements, applicants must pass an admission test or audition, depending on their selected course of study. Applicants may be asked to attend an interview. Successful applicants will be given a conditional offer of admission to the diploma courses. Upon the successful completion of the NFP, students will be offered a place in their chosen diploma course.

After 'O' Levels

- Pre-University – Junior Colleges (2 years) or Millennia Institute (3 years)
- Polytechnics
- Institute of Technical Education

■ Comparison between Junior College and Polytechnics	
Junior College	Polytechnics
2-year course	3-year course
Knowledge-based subjects	Market-driven and career-oriented courses
Preparation for university admission	Preparation for further education and the workforce
GCE 'A' Level qualification	Diploma in the major
Structured & disciplined learning environment	Dynamic and progressive learning environment

Bonus Points for entry to JC / MI / Polytechnic / ITE

Bonus points are given to students in the computation of their net aggregates. These bonus points are for ranking of students during posting.

	Type of Bonus Points	No. of Bonus Points Available	Maximum Bonus Points Allowable
1	Students seeking admission to JC/Poly/ITE with the following CCA grades :		
	Excellent (student attains min level 3 in all 4 domains with at least a level 4 in one domain)	2 points	4 points for JC/MI
	Good (student attains a min level 1 in all 4 domains with any one of the following: at least level 2 in 3 domains; at least level 2 in 1 domain and at least level 3 in another domain; or at least level 4 in one domain)	1 point	2 points for Poly/ITE
2	Students seeking admission to JC/MI with grades of A1-C6 for both languages . (English Language & Higher Mother Tongue)	2 points	

Entry Requirements For Pre-University / Polytechnics

Junior Colleges - L1R5 must be 20 points and below.

Requirements of Core Subjects	Relevant Subjects for L1R5
<ul style="list-style-type: none"> English Language (A1-C6) Mother Tongue (A1-D7) Math or Add Math (A1-D7) 	L1: EL / Higher MT R1: Humanities R2: Math / Science R3: Humanities / Math / Science R4: Any 'O' Level subject (except Religious Knowledge) R5: Any 'O' Level subject (except Religious Knowledge)

Millennia Institute - L1R4 of 20 points and below

Requirements of Core Subjects	Relevant Subjects for L1R4
<ul style="list-style-type: none"> English Language (A1-C6) Mother Tongue (A1-D7) Math or Add Math (A1-D7) 	L1: EL / Higher MT R1: Humanities / Math / Science R2: Humanities / Math / Science R3: Any 'O' Level subject (except Religious Knowledge) R4: Any 'O' Level subject (except Religious Knowledge)

Entry Requirements for Polytechnics

Calculation of ELR2B2 varies according to the 4 Course Groups, A, B, C and D. Students need to access the websites of their preferred polytechnics to find out how their courses of choice have been mapped into various groups.

ELR2B2, i.e. English Language (EL) + 2 Relevant Subjects (R2) + 2 other Best Subjects (B2) excluding co-curricular activities (CCA).

Course Group		ELR2B2-A	ELR2B2-B	ELR2B2-C	ELR2B2-D
EL		English			
R2	1 st Group of Relevant Subjects	Art Business Studies Combined Humanities Geography History Humanities (Social Studies, Literature in English) Humanities (Social Studies, History) Humanities (Social Studies, Geography) Literature in English Music	Elementary Mathematics Additional Mathematics		
	2 nd Group of Relevant Subjects	Elementary Mathematics Additional Mathematics Art Design & Technology Nutrition and Food Science Principles of Accounts Humanities Geography History Literature in English	Art Principles of Accounts Humanities Geography History Literature in English Music	Design & Technology Food and Nutrition/ Nutrition and Food Science Computing Biology Chemistry Physics Science (C/B) Science (P/C)	Art Design & Technology Food and Nutrition/Nutrition and Food Science Computing Biology Chemistry Physics Science (C/B) Science (P/C)
B2		Best 2 other subjects			

Entry Requirements For ITE

Calculation of aggregate is based on 4 aggregate types as follows: ELB4-A, ELR1B3-B and ELR2B2-C.

ELB4 – English Language (EL) + 4 best subjects (B4) excluding co-curricular activities (CCA)

ELR1B3 – English Language (EL) + 1 relevant subject (R1) + 3 best subjects (B3) excluding co-curricular activities (CCA)

ELR2B2 – English Language (EL) + 2 relevant subjects (R2) + 2 other best subjects (B2) excluding co-curricular activities (CCA)

	ELB4-A, ELR1B3-B and ELR2B2-C: For ITE Higher Nitec Courses					
Aggregate Type	ELB4	ELR1B3		ELR2B2		
EL	English					
B4	Best 4 other subjects	R1	Elementary Mathematics Additional Mathematics Principles of Accounts	R2	1 st Group of Relevant Subjects	Elementary Mathematics Additional Mathematics
		B3	Best 3 other subjects		2 nd Group of Relevant Subjects	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	

For information on other Institutions:	
LASALLE College of the Arts	www.lasalle.edu.sg
Nanyang Academy of Fine Arts	www.nafa.edu.sg
ITE Institute of Technical Education	www.ite.edu.sg
SHATEC - The International Hotel and Tourism School	www.shatec.sg
BCA Academy	https://www.bcaa.edu.sg/home